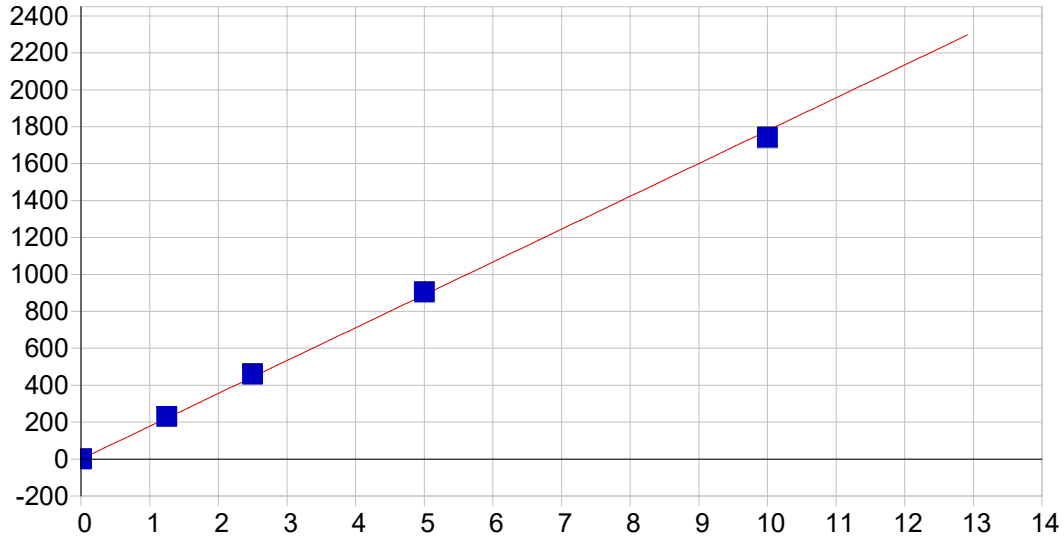
Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



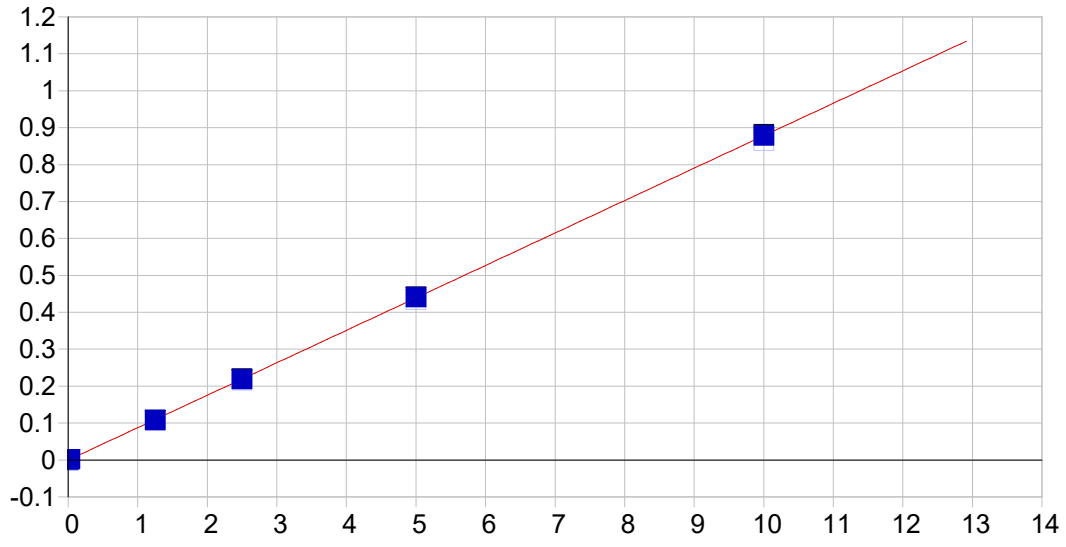
As 189.042 {478}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.433338	Re-Slope:	1.000000
A1 (Gain):	177.910618	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.071441		
Predicted MDL:	0.004256		
Predicted MQL:	0.014187		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.43397	.404	1
S1	.01000	.01293	.003	29.3	1.8638	.759	1
S2	1.2500	1.2912	.041	3.30	228.35	.925	1
S3	2.5000	2.5830	.083	3.32	457.23	2.40	1
S4	5.0000	5.0830	.083	1.66	900.15	1.08	1
S5	10.000	9.7899	-.210	-2.10	1733.8	4.03	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



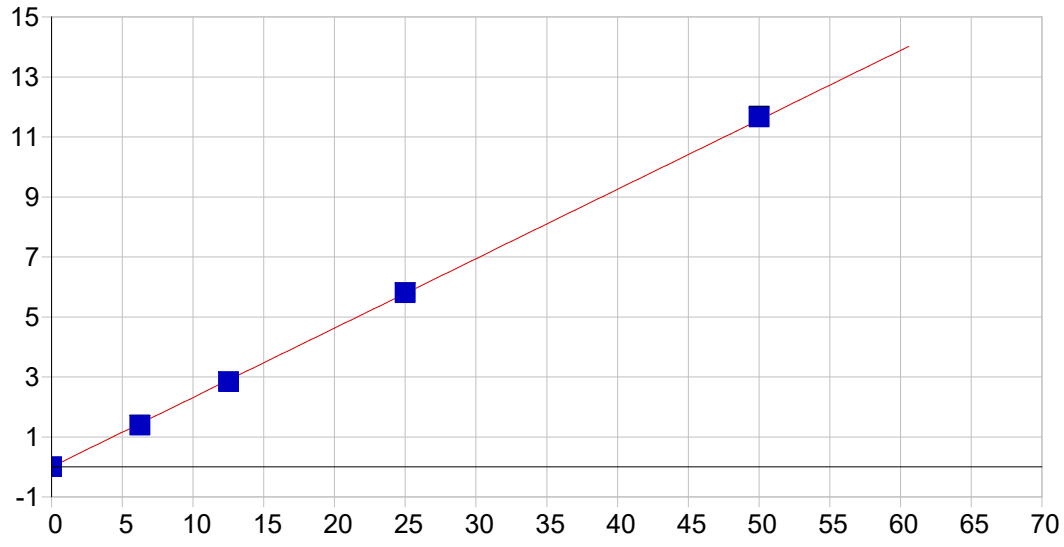
Tl 190.856 {477}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000296	Re-Slope:	1.000000
A1 (Gain):	0.087854	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.002471		
Predicted MQL:	0.008236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.02500	.02572	.001	2.86	.00188	.000	1
S2	1.2500	1.2286	-.021	-1.71	.10594	.001	1
S3	2.5000	2.4958	-.004	-.167	.21557	.001	1
S4	5.0000	5.0236	.024	.471	.43425	.000	1
S5	10.000	10.001	.001	.013	.86476	.003	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



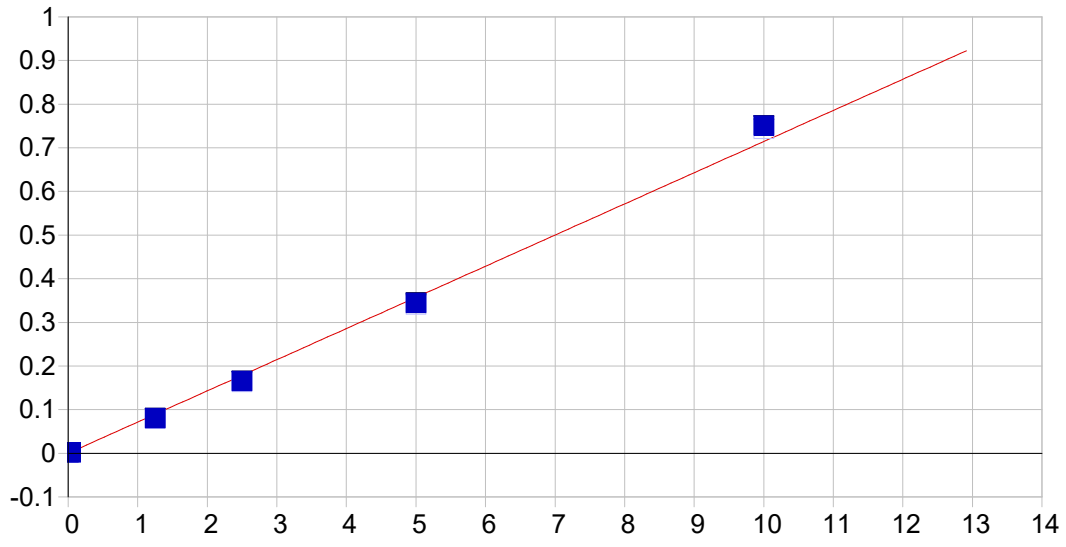
Pb 220.353 {453}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000222	Re-Slope:	1.000000
A1 (Gain):	0.231335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000126		
Predicted MDL:	0.002135		
Predicted MQL:	0.007117		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.00827	-.002	-17.3	.00212	.000	1
S2	6.2500	5.9837	-.266	-4.26	1.3831	.001	1
S3	12.500	12.269	-.231	-1.85	2.8357	.003	1
S4	25.000	25.081	.081	.324	5.7969	.005	1
S5	50.000	50.418	.418	.837	11.653	.026	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



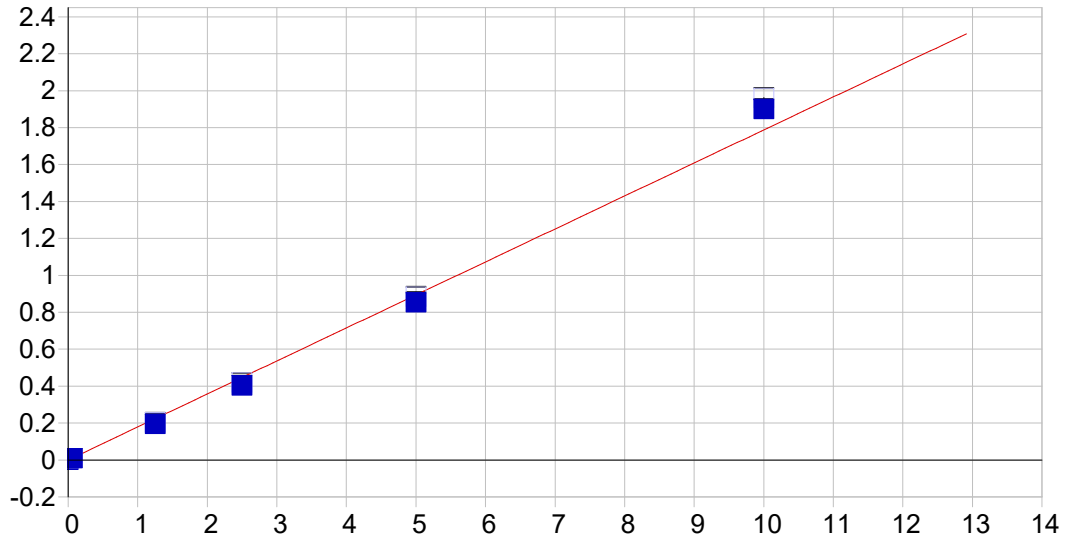
Se 196.090 {472}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000185	Re-Slope:	1.000000
A1 (Gain):	0.071410	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998311	Status:	OK.
Std Error of Est:	0.000129		
Predicted MDL:	0.004136		
Predicted MQL:	0.013785		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00019	.000	1
S1	.03500	.02623	-.009	-25.1	.00206	.000	1
S2	1.2500	1.1187	-.131	-10.5	.07913	.001	1
S3	2.5000	2.3108	-.189	-7.57	.16332	.001	1
S4	5.0000	4.8226	-.177	-3.55	.34082	.001	1
S5	10.000	10.507	.507	5.07	.74297	.000	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



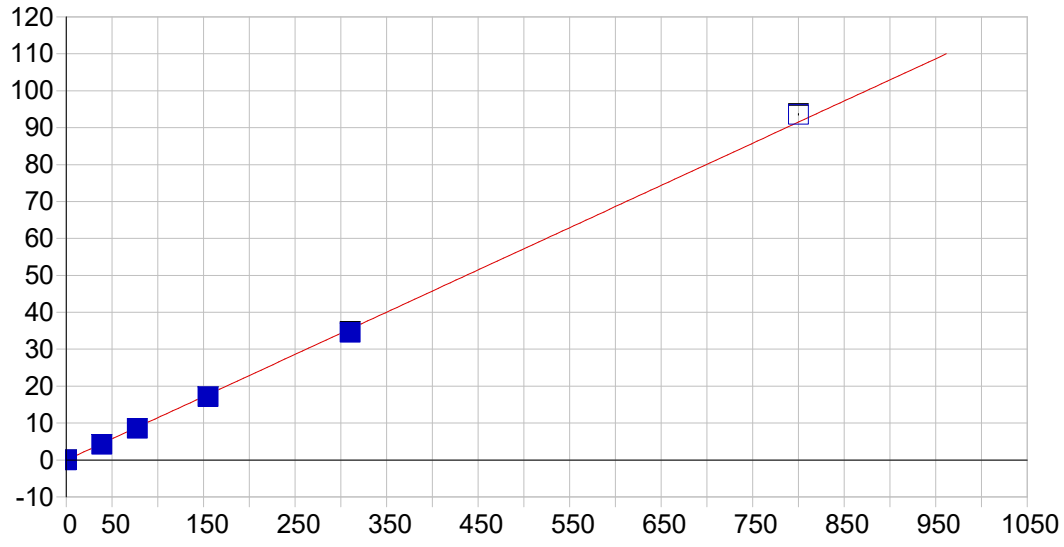
Sb 206.833 {463}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000261	Re-Slope:	1.000000
A1 (Gain):	0.178719	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997660	Status:	OK.
Std Error of Est:	0.000520		
Predicted MDL:	0.002308		
Predicted MQL:	0.007695		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00026	.000	1
S1	.06000	.05200	-.008	-13.3	.00956	.000	1
S2	1.2500	1.0940	-.156	-12.5	.20324	.000	1
S3	2.5000	2.2563	-.244	-9.75	.41843	.001	1
S4	5.0000	4.7756	-.224	-4.49	.88362	.003	1
S5	10.000	10.632	.632	6.32	1.9601	.003	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



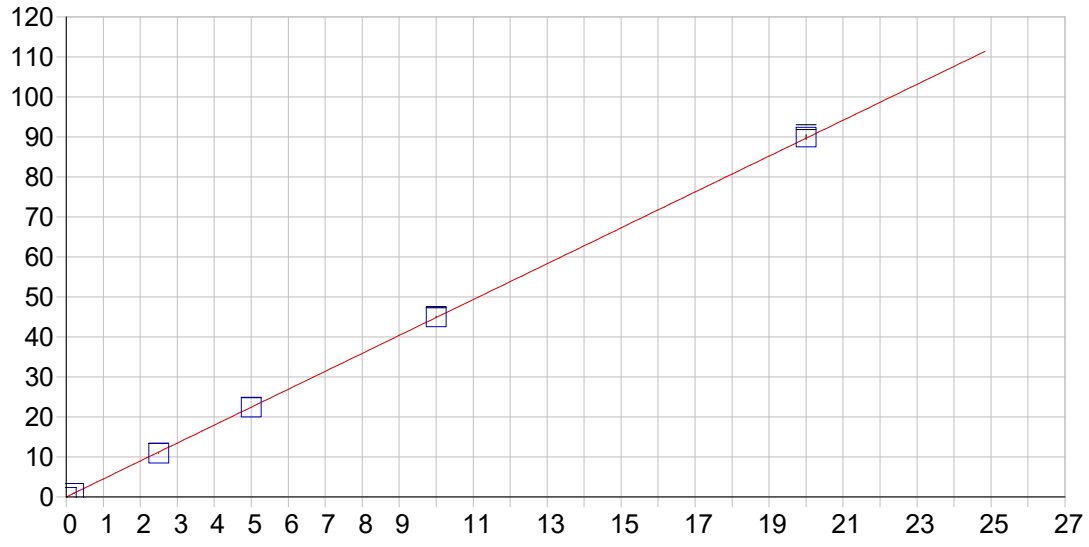
Al 396.152 { 85}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001247	Re-Slope:	1.000000
A1 (Gain):	0.114392	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999629	Status:	OK.
Std Error of Est:	0.001939		
Predicted MDL:	0.021525		
Predicted MQL:	0.071751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00124	.002	1
S1	.20000	.18492	-.015	-7.54	.01994	.002	1
S2	38.750	36.661	-2.09	-5.39	4.1973	.012	1
S3	77.500	74.643	-2.86	-3.69	8.5469	.020	1
S4	155.00	149.86	-5.14	-3.32	17.160	.059	1
S5	310.00	301.80	-8.20	-2.65	34.560	.208	1
S6	800.00	818.33	18.3	2.29	93.609	.214	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



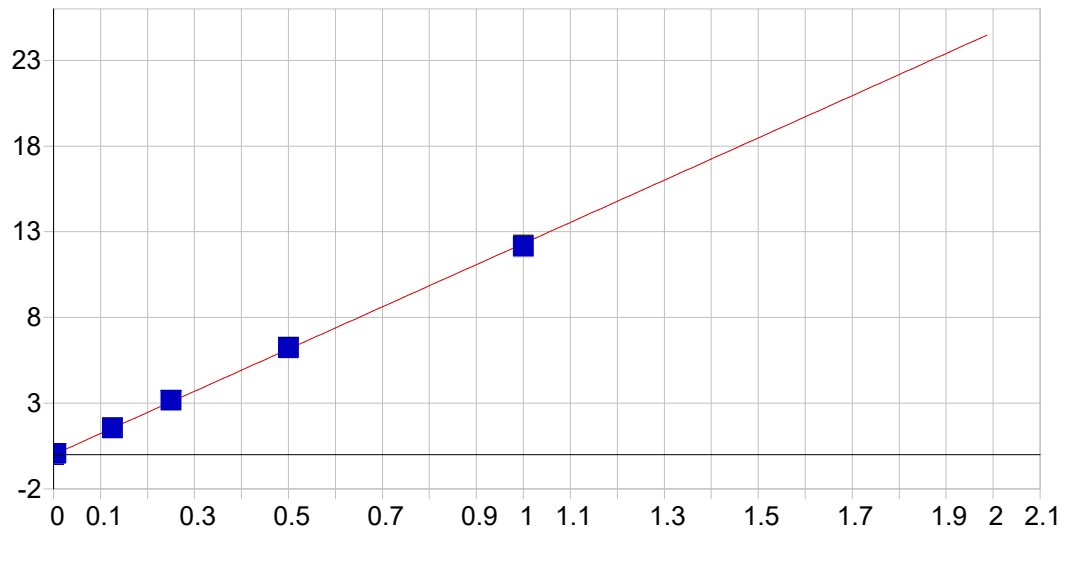
Ba 493.409 { 68}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007200	Re-Slope:	1.000000
A1 (Gain):	4.483920	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.003743		
Predicted MDL:	0.000989		
Predicted MQL:	0.003295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00720	.003	1
S1	.20000	.20481	.005	2.40	.92554	.001	1
S2	2.5000	2.4296	-.070	-2.82	10.901	.036	1
S3	5.0000	4.9887	-.011	-.227	22.376	.063	1
S4	10.000	10.020	.020	.198	44.935	.146	1
S5	20.000	20.057	.057	.285	89.942	.585	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



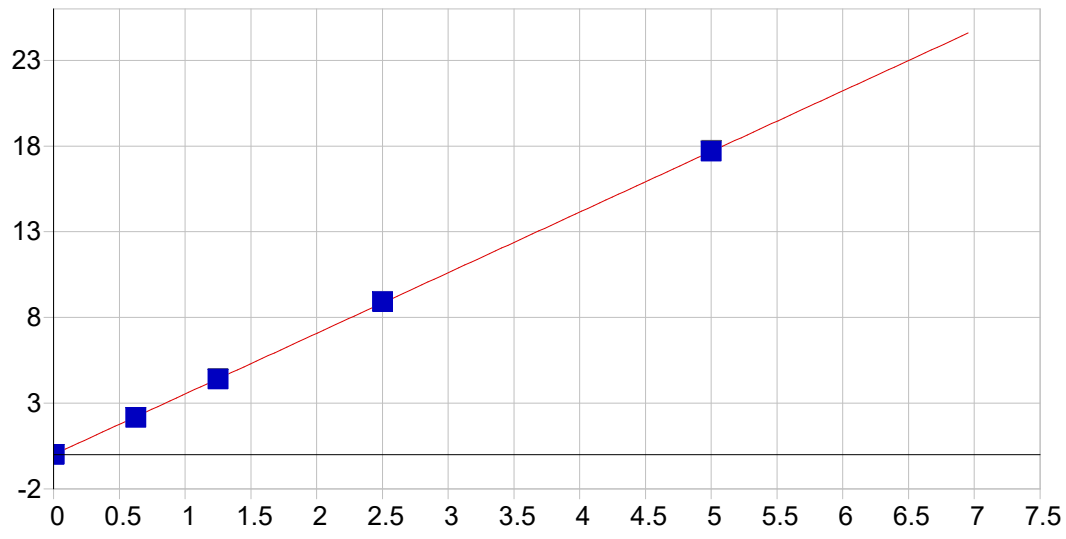
Be 234.861 {144}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001415	Re-Slope:	1.000000
A1 (Gain):	12.316497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000732		
Predicted MDL:	0.000109		
Predicted MQL:	0.000363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00142	.000	1
S1	.00500	.00524	.000	4.90	.06313	.000	1
S2	.12500	.12613	.001	.900	1.5449	.020	1
S3	.25000	.25693	.007	2.77	3.1489	.012	1
S4	.50000	.50562	.006	1.12	6.1978	.046	1
S5	1.0000	.98608	-.014	-1.39	12.087	.087	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



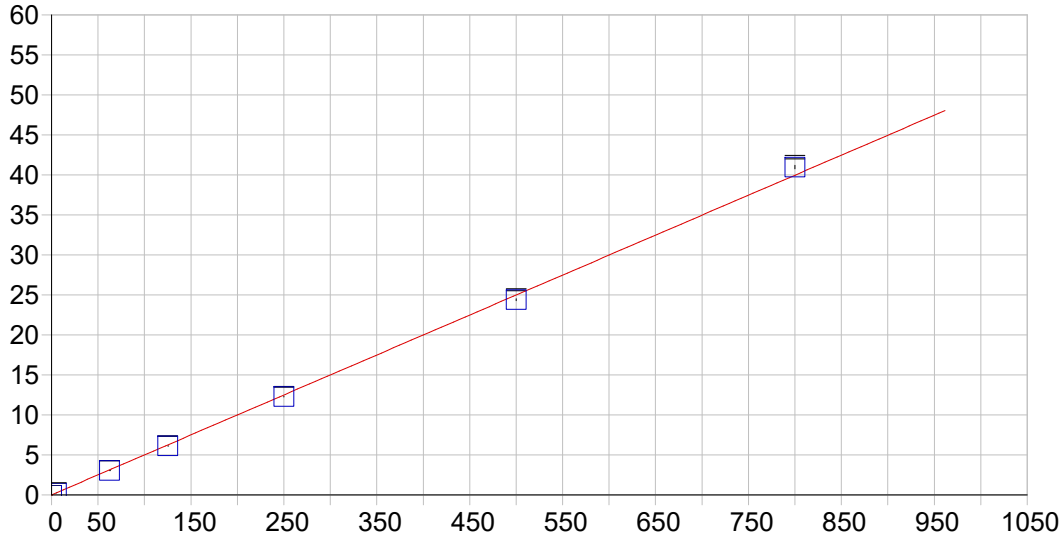
Cd 214.438 {457}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000174	Re-Slope:	1.000000
A1 (Gain):	3.536725	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000239		
Predicted MDL:	0.000093		
Predicted MQL:	0.000311		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00500	.00476	-.000	-4.82	.01707	.000	1
S2	.62500	.60928	-.016	-2.52	2.1584	.005	1
S3	1.2500	1.2437	-.006	-.503	4.4056	.005	1
S4	2.5000	2.5207	.021	.826	8.9286	.008	1
S5	5.0000	5.0016	.002	.032	17.717	.037	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



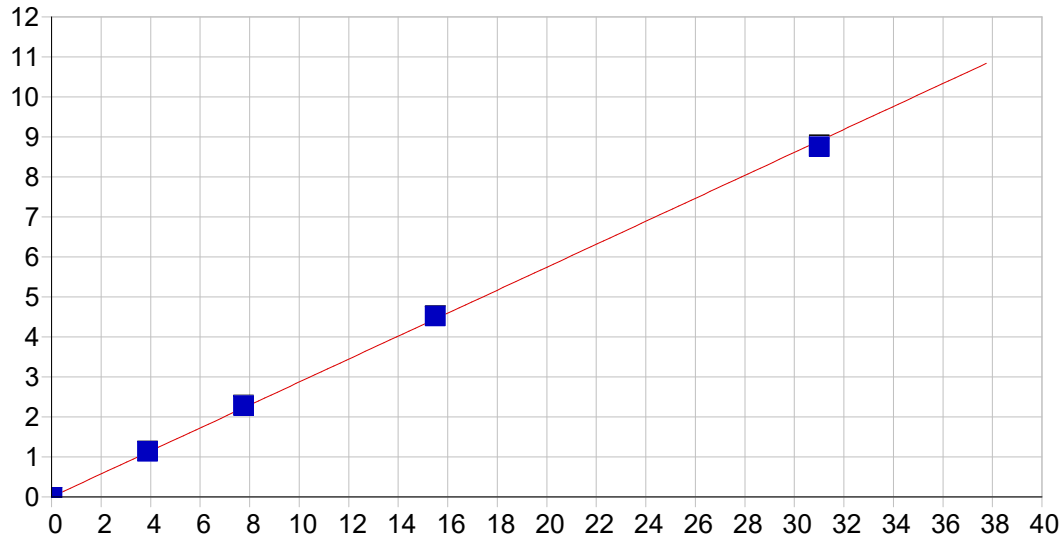
Ca 373.690 { 90}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006986	Re-Slope:	1.000000
A1 (Gain):	0.049949	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999724	Status:	OK.
Std Error of Est:	0.004099		
Predicted MDL:	0.038572		
Predicted MQL:	0.128575		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00032	.000	.000	.00700	.001	1
S1	5.0000	5.0111	.011	.223	.25729	.004	1
S2	62.500	60.557	-1.94	-3.11	3.0318	.007	1
S3	125.00	122.62	-2.38	-1.90	6.1320	.003	1
S4	250.00	245.66	-4.34	-1.74	12.278	.025	1
S5	500.00	488.39	-11.6	-2.32	24.402	.125	1
S6	800.00	820.25	20.3	2.53	40.978	.226	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



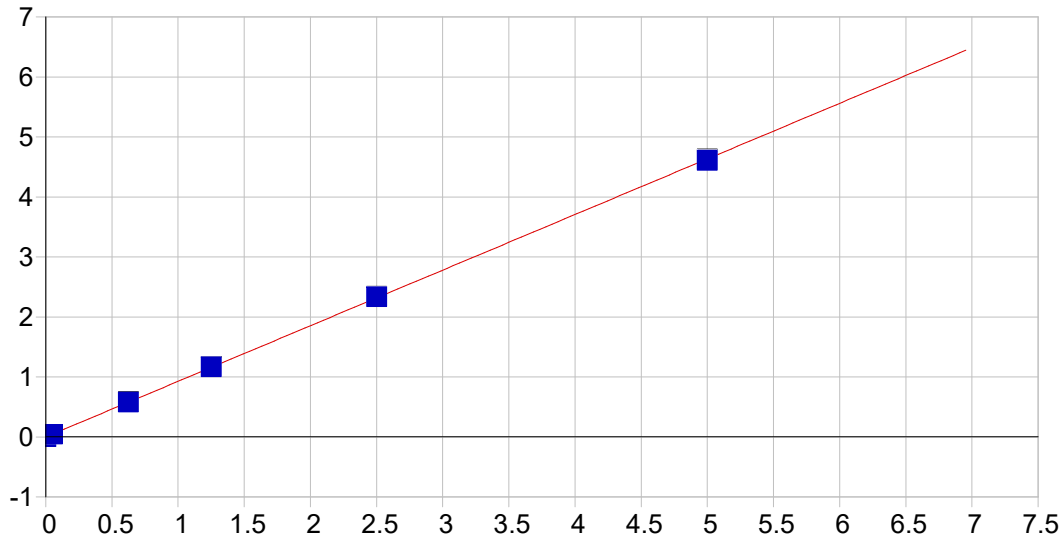
Cr 267.716 {126}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000325	Re-Slope:	1.000000
A1 (Gain):	0.287082	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000154		
Predicted MDL:	0.000786		
Predicted MQL:	0.002620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.01000	.00990	-.000	-.989	.00317	.000	1
S2	3.8750	3.9692	.094	2.43	1.1407	.004	1
S3	7.7500	7.9423	.192	2.48	2.2821	.011	1
S4	15.500	15.731	.231	1.49	4.5199	.011	1
S5	31.000	30.482	-.518	-1.67	8.7581	.044	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



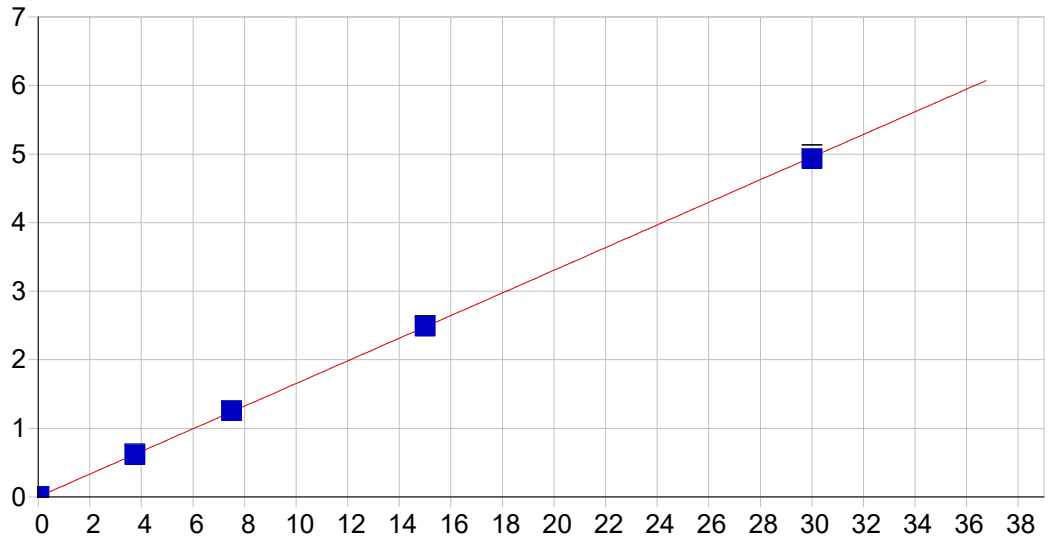
Co 228.616 {448}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000347	Re-Slope:	1.000000
A1 (Gain):	0.926704	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000151		
Predicted MDL:	0.000385		
Predicted MQL:	0.001285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.05000	.05076	.001	1.53	.04685	.001	1
S2	.62500	.62565	.001	.104	.58131	.001	1
S3	1.2500	1.2588	.009	.700	1.1699	.003	1
S4	2.5000	2.5177	.018	.706	2.3402	.002	1
S5	5.0000	4.9722	-.028	-.557	4.6223	.008	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



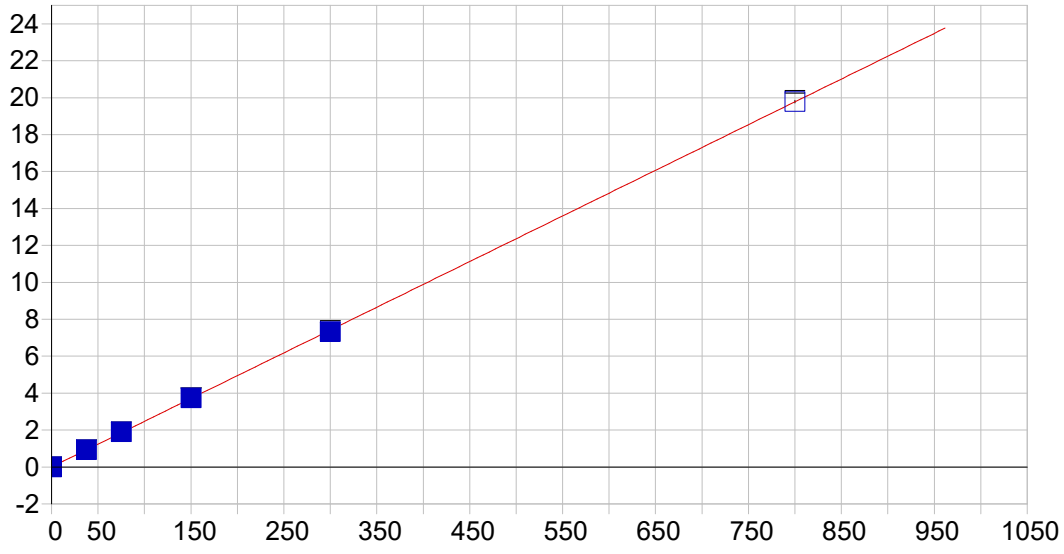
Cu 324.754 {104}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002480	Re-Slope:	1.000000
A1 (Gain):	0.165126	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.007437		
Predicted MQL:	0.024791		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00248	.001	1
S1	.02500	.02937	.004	17.5	.00733	.000	1
S2	3.7500	3.7284	-.022	-.577	.61806	.005	1
S3	7.5000	7.5899	.090	1.20	1.2556	.005	1
S4	15.000	15.062	.062	.411	2.4893	.009	1
S5	30.000	29.866	-.134	-.448	4.9335	.057	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



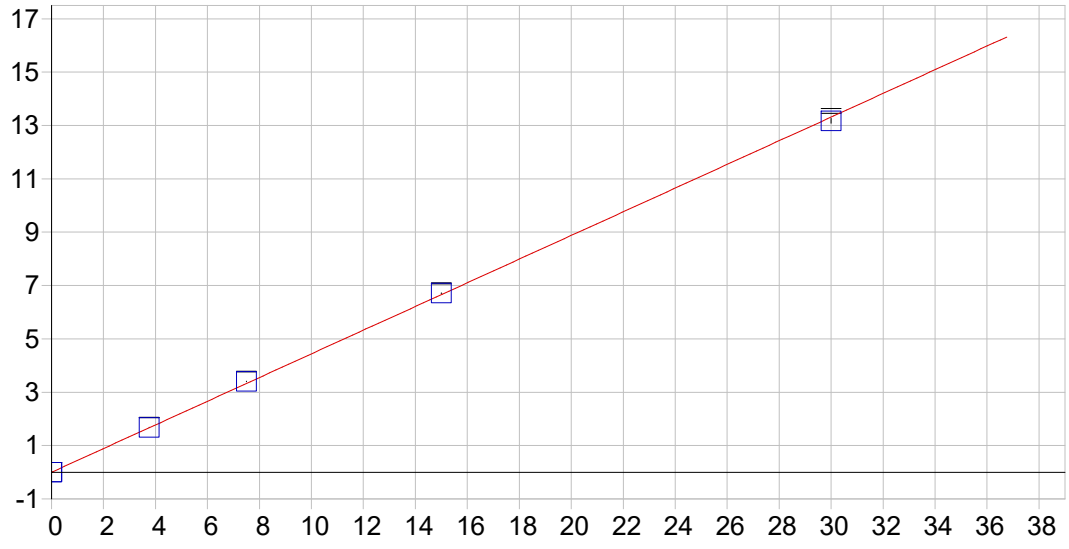
Fe 259.837 {130}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000175	Re-Slope:	1.000000
A1 (Gain):	0.024718	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.031201		
Predicted MQL:	0.104002		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00018	.001	1
S1	.10000	.08774	-.012	-12.3	.00234	.000	1
S2	37.500	37.618	.118	.316	.93022	.003	1
S3	75.000	76.578	1.58	2.10	1.8934	.010	1
S4	150.00	151.39	1.39	.924	3.7429	.012	1
S5	300.00	296.30	-3.70	-1.23	7.3256	.052	1
S6	800.00	800.63	.633	.079	19.790	.070	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



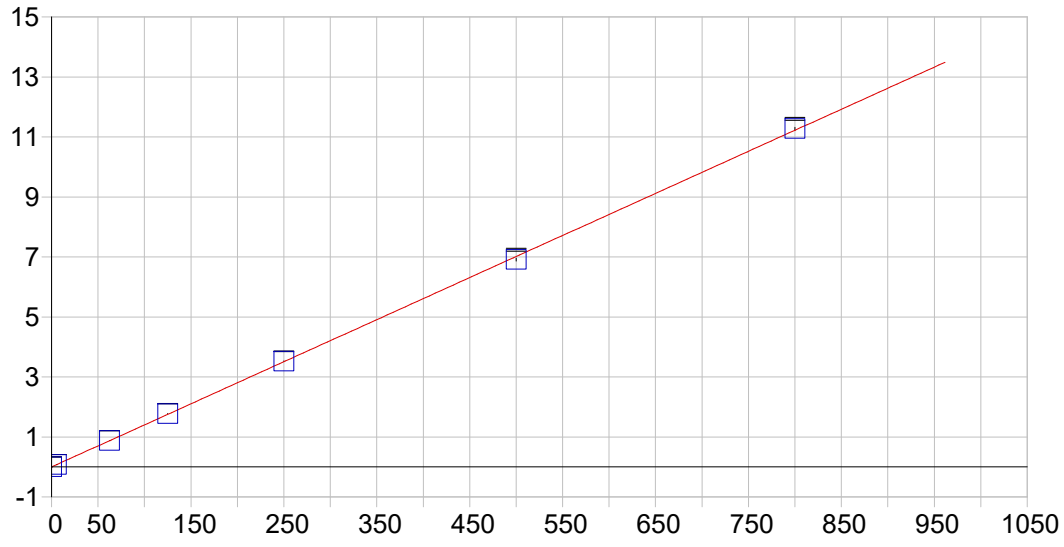
Mn 257.610 {131}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000333	Re-Slope:	1.000000
A1 (Gain):	0.443879	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000196		
Predicted MDL:	0.001440		
Predicted MQL:	0.004801		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.01500	.01679	.002	11.9	.00712	.001	1
S2	3.7500	3.7840	.034	.906	1.6793	.005	1
S3	7.5000	7.6698	.170	2.26	3.4041	.013	1
S4	15.000	15.116	.116	.773	6.7093	.017	1
S5	30.000	29.678	-.322	-1.07	13.173	.088	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



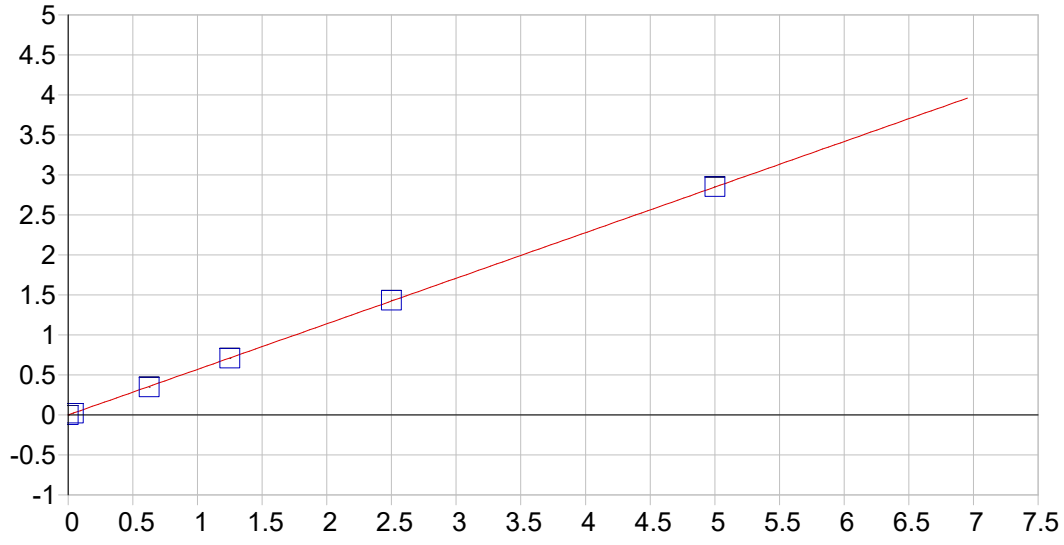
Mg 279.079 {121}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001611	Re-Slope:	1.000000
A1 (Gain):	0.014029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000477		
Predicted MDL:	0.062027		
Predicted MQL:	0.206757		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	-.00162	.000	1
S1	5.0000	5.3123	.312	6.25	.07291	.001	1
S2	62.500	62.706	.206	.330	.87808	.004	1
S3	125.00	126.76	1.76	1.40	1.7766	.005	1
S4	250.00	251.06	1.06	.424	3.5204	.008	1
S5	500.00	492.97	-7.03	-1.41	6.9142	.048	1
S6	800.00	803.69	3.69	.462	11.273	.050	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



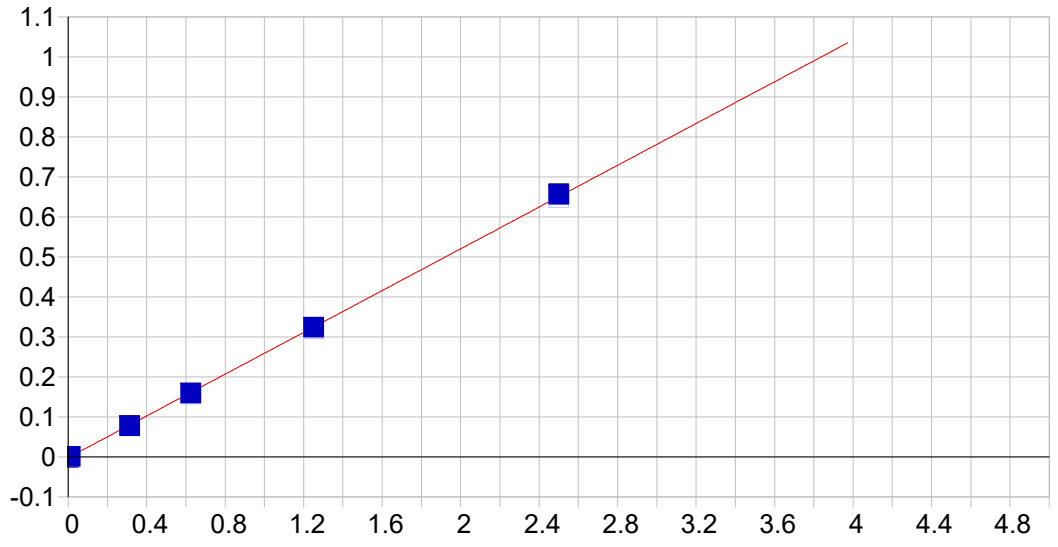
Ni 231.604 {446}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000258	Re-Slope:	1.000000
A1 (Gain):	0.569559	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000655		
Predicted MQL:	0.002183		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.04000	.03874	-.001	-3.16	.02181	.000	1
S2	.62500	.60939	-.016	-2.50	.34683	.001	1
S3	1.2500	1.2432	-.007	-.543	.70782	.002	1
S4	2.5000	2.5161	.016	.643	1.4328	.001	1
S5	5.0000	5.0076	.008	.152	2.8519	.004	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



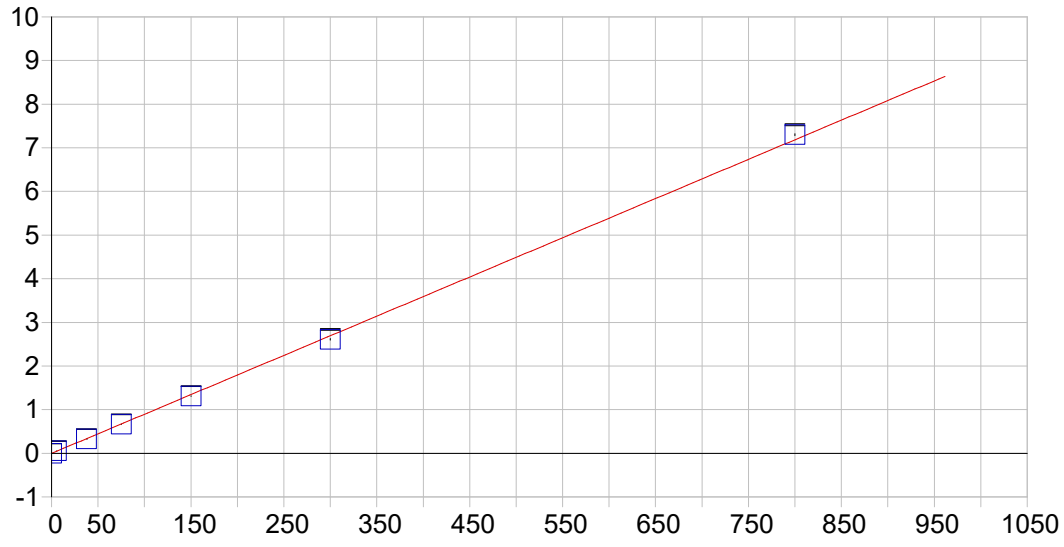
Ag 328.068 {103}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001984	Re-Slope:	1.000000
A1 (Gain):	0.261098	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.001200		
Predicted MQL:	0.004000		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00198	.000	1
S1	.01000	.00961	-.000	-3.87	.00052	.000	1
S2	.31250	.30498	-.008	-2.41	.07667	.000	1
S3	.62500	.61691	-.008	-1.29	.15713	.000	1
S4	1.2500	1.2472	-.003	-.226	.31973	.001	1
S5	2.5000	2.5188	.019	.753	.64784	.002	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



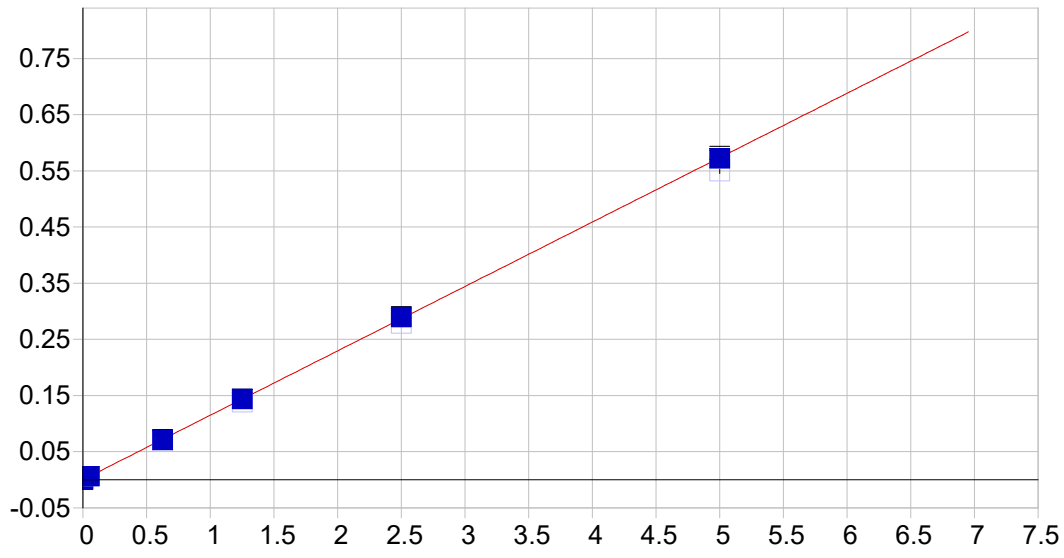
Na 818.326 { 41}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003609	Re-Slope:	1.000000
A1 (Gain):	0.008986	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999643	Status:	OK.
Std Error of Est:	0.000743		
Predicted MDL:	0.608237		
Predicted MQL:	2.027456		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00102	-.001	.000	-.00362	.006	1
S1	5.0000	6.3542	1.35	27.1	.05349	.006	1
S2	37.500	36.853	-.647	-1.73	.32754	.003	1
S3	75.000	74.360	-.640	-.853	.66457	.006	1
S4	150.00	146.15	-3.85	-2.56	1.3097	.005	1
S5	300.00	290.77	-9.23	-3.08	2.6091	.019	1
S6	800.00	813.01	13.0	1.63	7.3019	.025	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



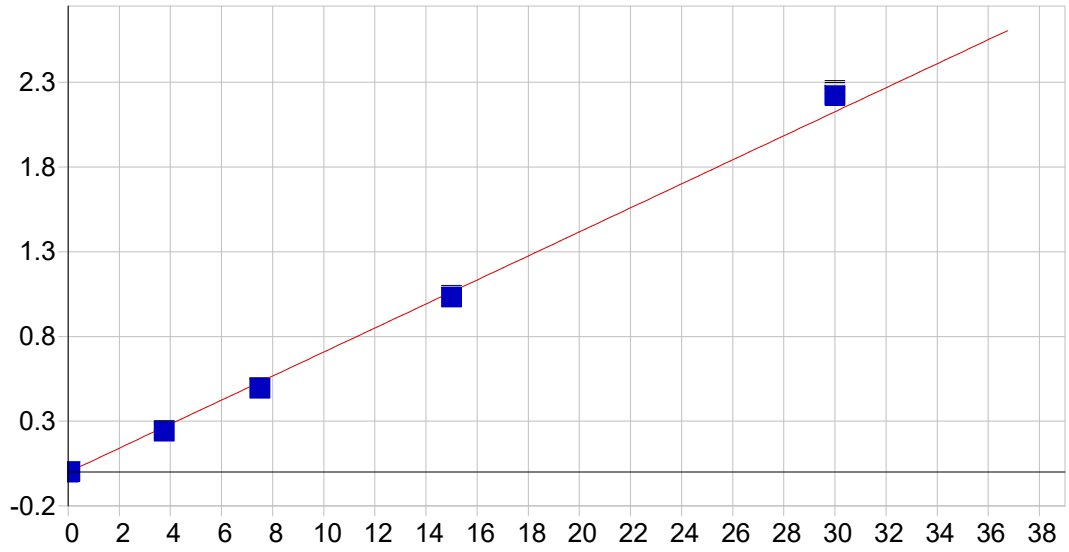
V 292.402 {115}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000310	Re-Slope:	1.000000
A1 (Gain):	0.114665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.008378		
Predicted MQL:	0.027928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.001	1
S1	.05000	.05172	.002	3.45	.00622	.000	1
S2	.62500	.61283	-.012	-1.95	.06771	.001	1
S3	1.2500	1.2491	-.001	-.072	.13779	.000	1
S4	2.5000	2.5227	.023	.907	.27808	.001	1
S5	5.0000	4.9886	-.011	-.228	.54935	.004	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



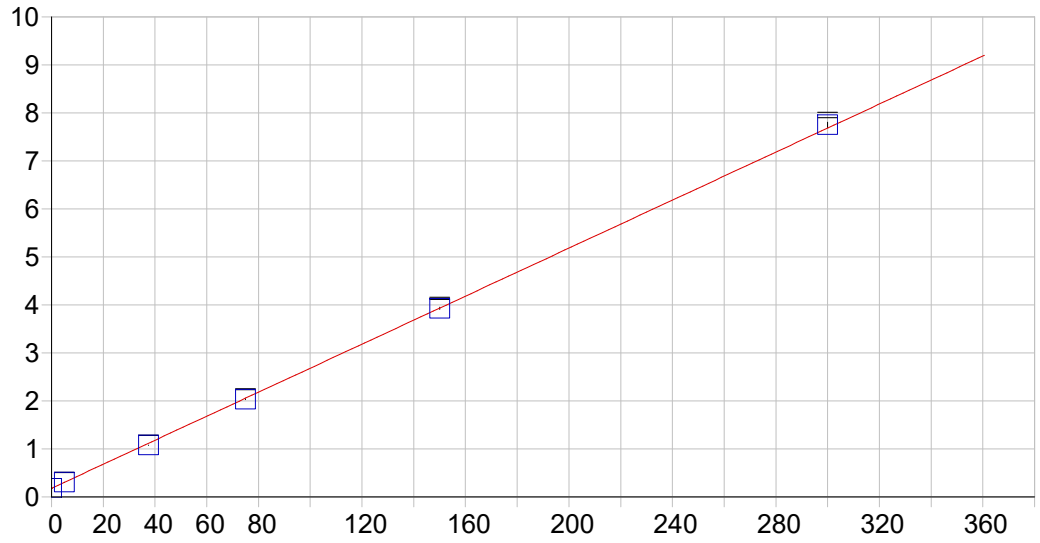
Zn 213.856 {158}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000973	Re-Slope:	1.000000
A1 (Gain):	0.070908	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998692	Status:	OK.
Std Error of Est:	0.000260		
Predicted MDL:	0.007531		
Predicted MQL:	0.025103		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00097	.000	1
S1	.06000	.04974	-.010	-17.1	.00257	.001	1
S2	3.7500	3.3870	-.363	-9.68	.24049	.003	1
S3	7.5000	6.9657	-.534	-7.12	.49555	.003	1
S4	15.000	14.556	-.444	-2.96	1.0364	.006	1
S5	30.000	31.352	1.35	4.51	2.2325	.019	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



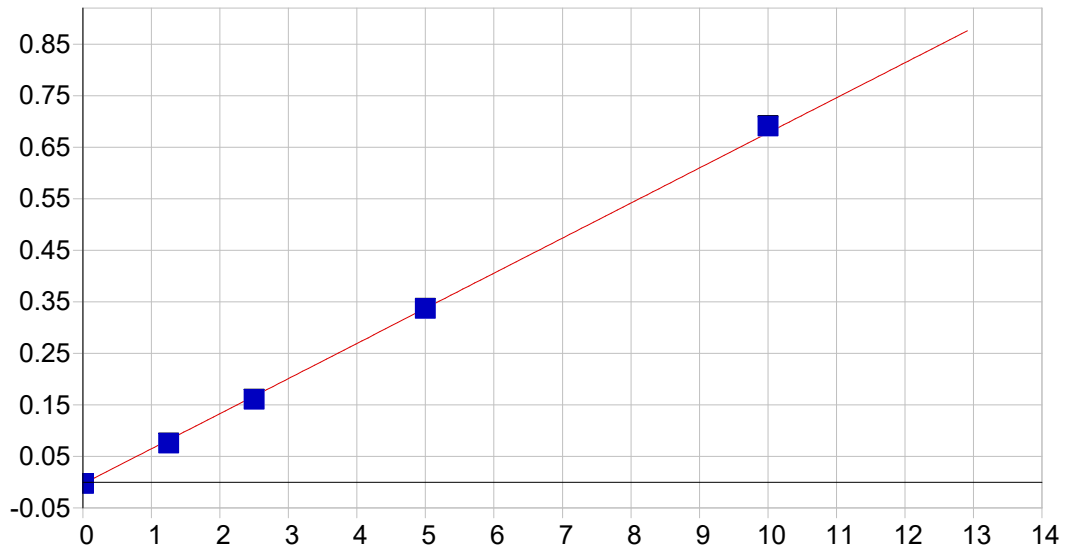
K 769.896 { 44}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.180518	Re-Slope:	1.000000
A1 (Gain):	0.025012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000709		
Predicted MDL:	0.161071		
Predicted MQL:	0.536904		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.18053	.003	1
S1	5.0000	4.9410	-.059	-1.18	.30410	.003	1
S2	37.500	35.841	-1.66	-4.42	1.0770	.006	1
S3	75.000	74.168	-.832	-1.11	2.0356	.011	1
S4	150.00	149.88	-.123	-.082	3.9292	.021	1
S5	300.00	302.67	2.67	.891	7.7509	.055	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



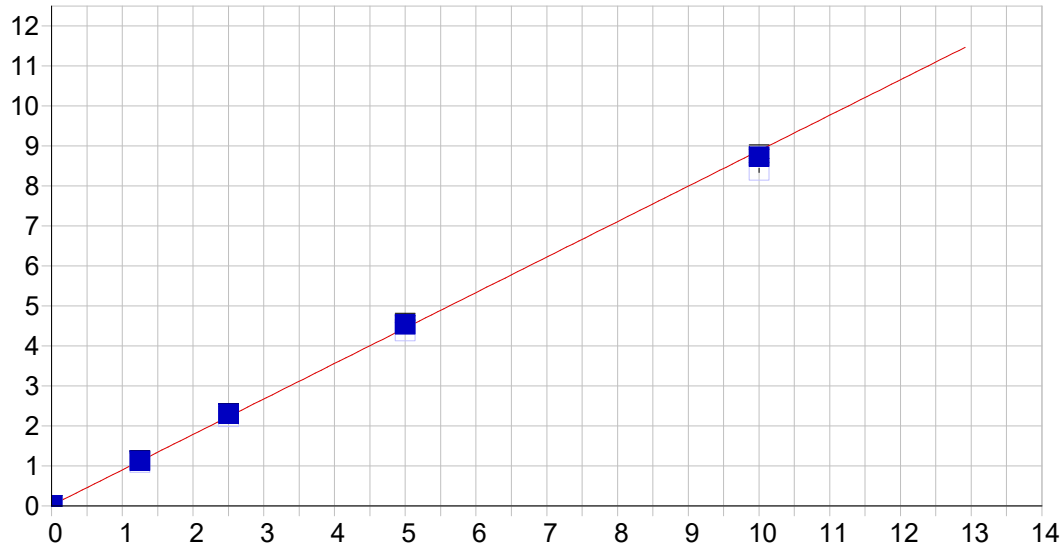
P 177.495 {490}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003168	Re-Slope:	1.000000
A1 (Gain):	0.068100	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999585	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.002270		
Predicted MQL:	0.007568		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00317	.000	1
S1	.01000	.00685	-.003	-31.5	-.00270	.000	1
S2	1.2500	1.1546	-.095	-7.64	.07533	.000	1
S3	2.5000	2.4084	-.092	-3.66	.16060	.000	1
S4	5.0000	4.9925	-.007	-.149	.33633	.001	1
S5	10.000	10.198	.198	1.98	.69030	.001	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



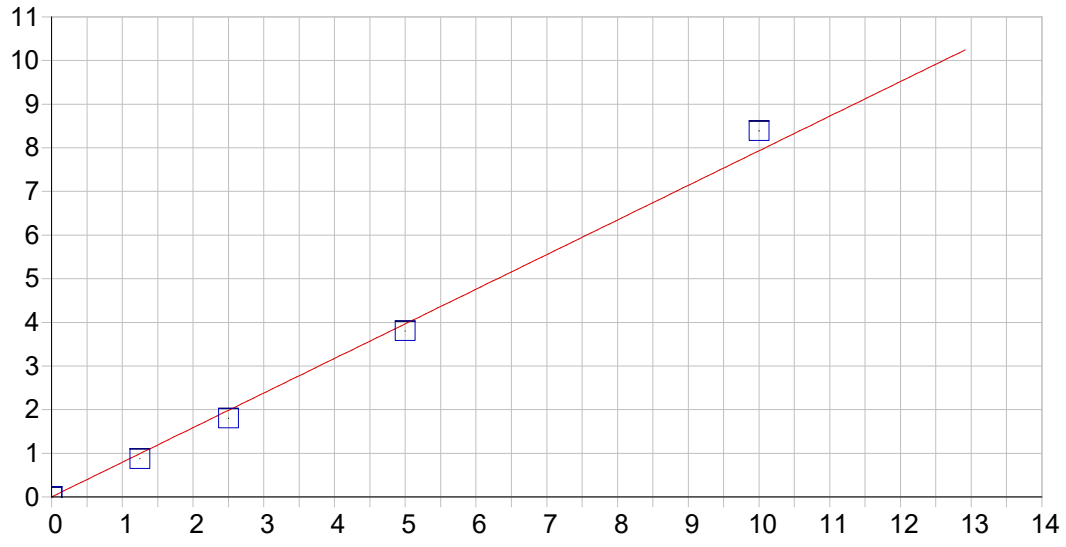
B 249.678 {135}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012960	Re-Slope:	1.000000
A1 (Gain):	0.887014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998999	Status:	OK.
Std Error of Est:	0.000641		
Predicted MDL:	0.001909		
Predicted MQL:	0.006363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.01297	.001	1
S1	.01000	-.00630	-.016	-163.	.00732	.001	1
S2	1.2500	1.2546	.005	.366	1.0836	.011	1
S3	2.5000	2.5879	.088	3.52	2.2241	.005	1
S4	5.0000	5.1002	.100	2.00	4.3682	.033	1
S5	10.000	9.8242	-.176	-1.76	8.3899	.052	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



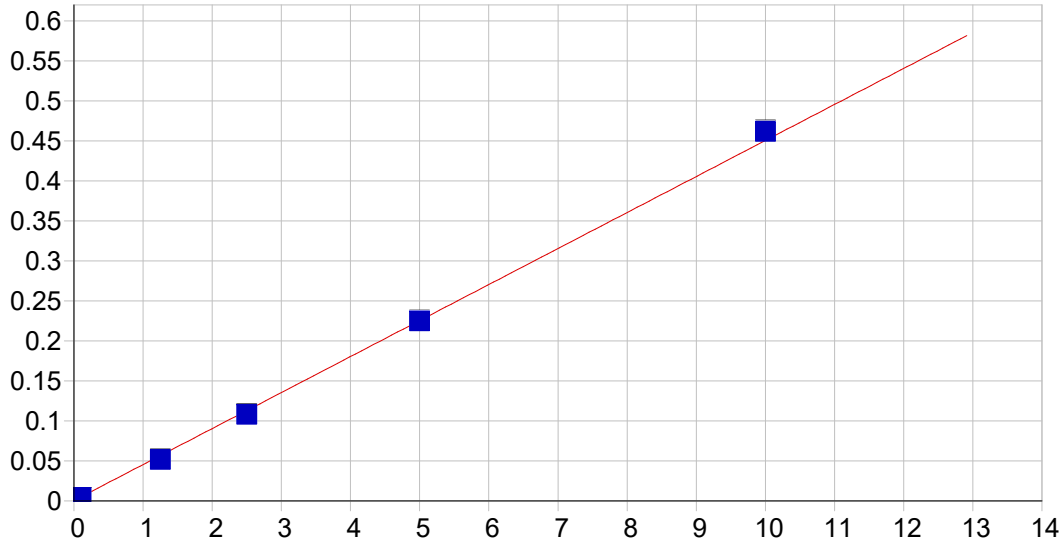
Mo 202.030 {467}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000404	Re-Slope:	1.000000
A1 (Gain):	0.793174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997876	Status:	OK.
Std Error of Est:	0.000868		
Predicted MDL:	0.000423		
Predicted MQL:	0.001409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.00901	-.001	-9.90	.00755	.000	1
S2	1.2500	1.1036	-.146	-11.7	.87575	.001	1
S3	2.5000	2.2713	-.229	-9.15	1.8019	.002	1
S4	5.0000	4.7971	-.203	-4.06	3.8053	.004	1
S5	10.000	10.579	.579	5.79	8.3914	.009	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



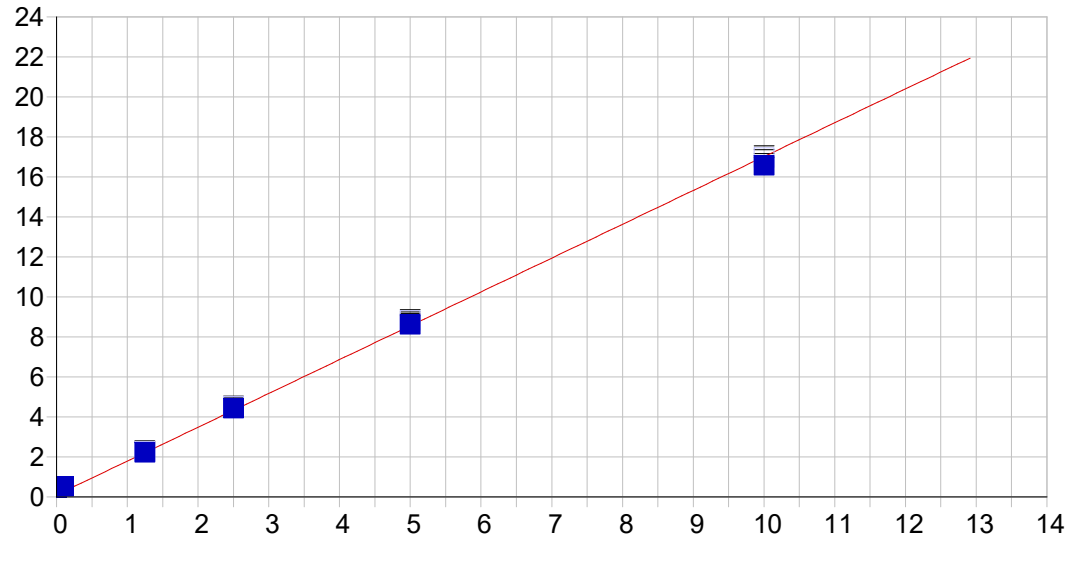
S 182.034 {485}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000466	Re-Slope:	1.000000
A1 (Gain):	0.045004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999418	Status:	OK.
Std Error of Est:	0.000082		
Predicted MDL:	0.004015		
Predicted MQL:	0.013383		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00047	.000	1
S1	.10000	.08877	-.011	-11.2	.00446	.000	1
S2	1.2500	1.1388	-.111	-8.90	.05190	.000	1
S3	2.5000	2.3893	-.111	-4.43	.10835	.000	1
S4	5.0000	4.9880	-.012	-.240	.22567	.000	1
S5	10.000	10.245	.245	2.45	.46298	.001	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



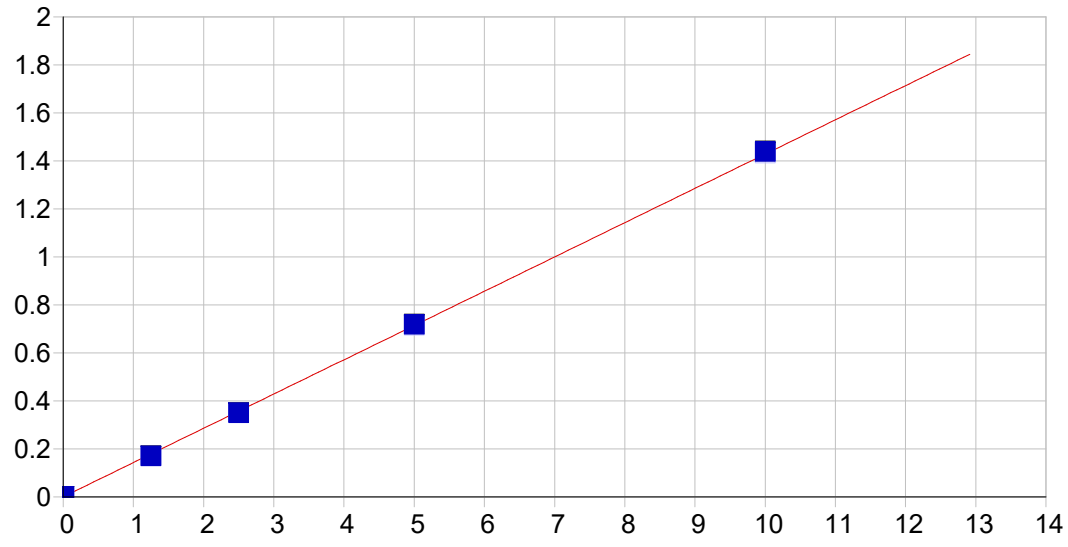
Si 251.611 {134}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.097402	Re-Slope:	1.000000
A1 (Gain):	1.691746	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.993900	Status:	OK.
Std Error of Est:	0.010201		
Predicted MDL:	0.000947		
Predicted MQL:	0.003157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.09714	.001	1
S1	.10000	.25292	.153	153.	.52768	.003	1
S2	1.2500	1.2608	.011	.864	2.2784	.026	1
S3	2.5000	2.5613	.061	2.45	4.5264	.019	1
S4	5.0000	5.0360	.036	.720	8.8090	.062	1
S5	10.000	9.7403	-.260	-2.60	16.960	.102	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



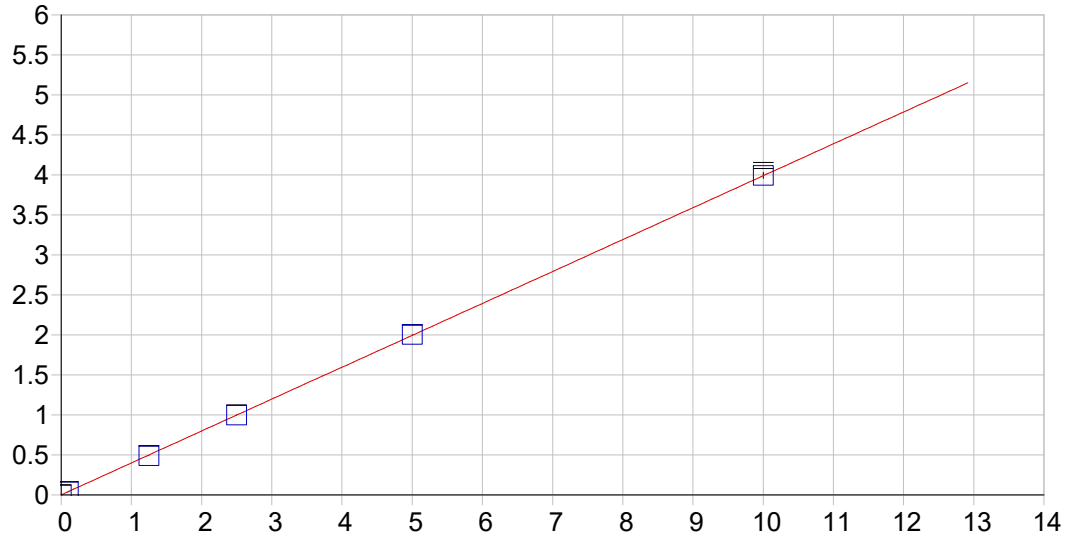
Sn 189.989 {478}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000178	Re-Slope:	1.000000
A1 (Gain):	0.142809	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.001161		
Predicted MQL:	0.003870		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00625	-.001	-10.7	.00103	.000	1
S2	1.2500	1.1906	-.059	-4.76	.16931	.000	1
S3	2.5000	2.4566	-.043	-1.74	.34922	.000	1
S4	5.0000	5.0293	.029	.585	.71483	.001	1
S5	10.000	10.074	.074	.743	1.4317	.003	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



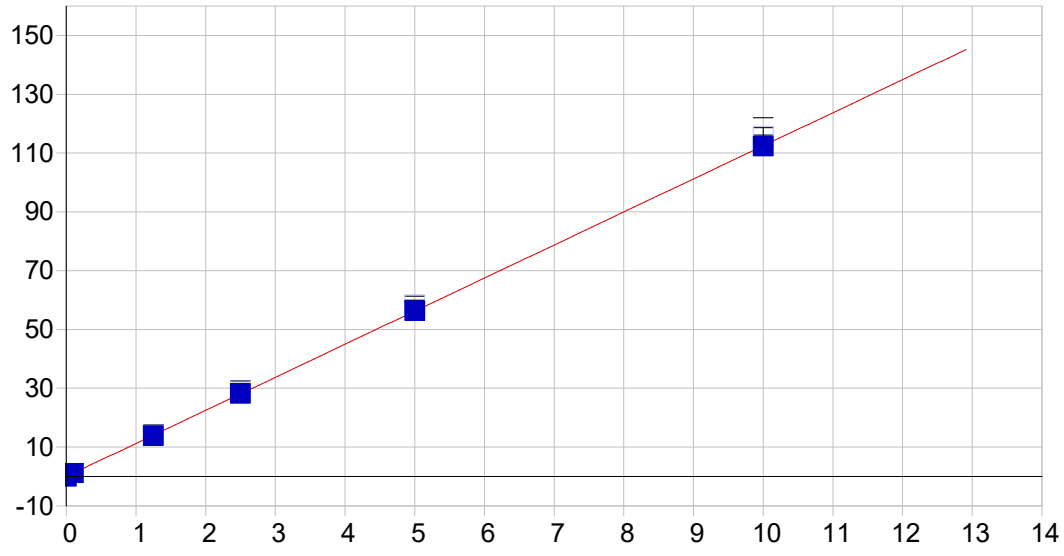
Ti 336.121 {100}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001097	Re-Slope:	1.000000
A1 (Gain):	0.398778	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000130		
Predicted MDL:	0.003541		
Predicted MQL:	0.011804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.001	1
S1	.10000	.09873	-.001	-1.27	.04047	.000	1
S2	1.2500	1.2223	-.028	-2.22	.48851	.002	1
S3	2.5000	2.4988	-.001	-.048	.99756	.002	1
S4	5.0000	5.0181	.018	.363	2.0022	.002	1
S5	10.000	10.012	.012	.121	3.9937	.038	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



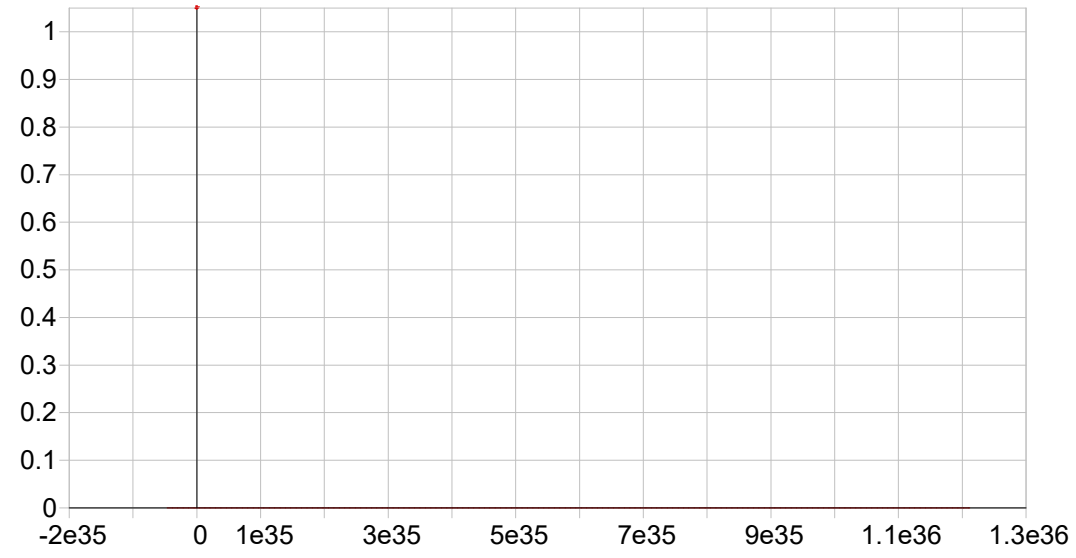
Sr 407.771 { 83}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004133	Re-Slope:	1.000000
A1 (Gain):	11.247076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.004039		
Predicted MDL:	0.000211		
Predicted MQL:	0.000704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00418	.002	1
S1	.10000	.10553	.006	5.53	1.1839	.001	1
S2	1.2500	1.2264	-.024	-1.89	14.211	.072	1
S3	2.5000	2.5102	.010	.407	29.071	.110	1
S4	5.0000	5.0171	.017	.341	58.110	.158	1
S5	10.000	9.9910	-.009	-.090	115.74	2.93	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

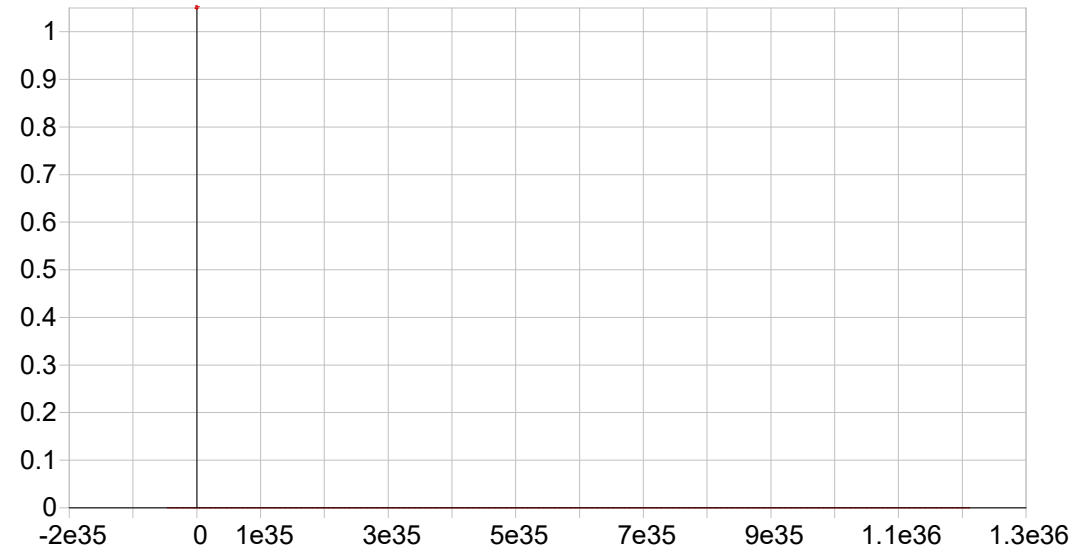


Y 224.306 {450}*

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

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



Y 360.073 { 94}*

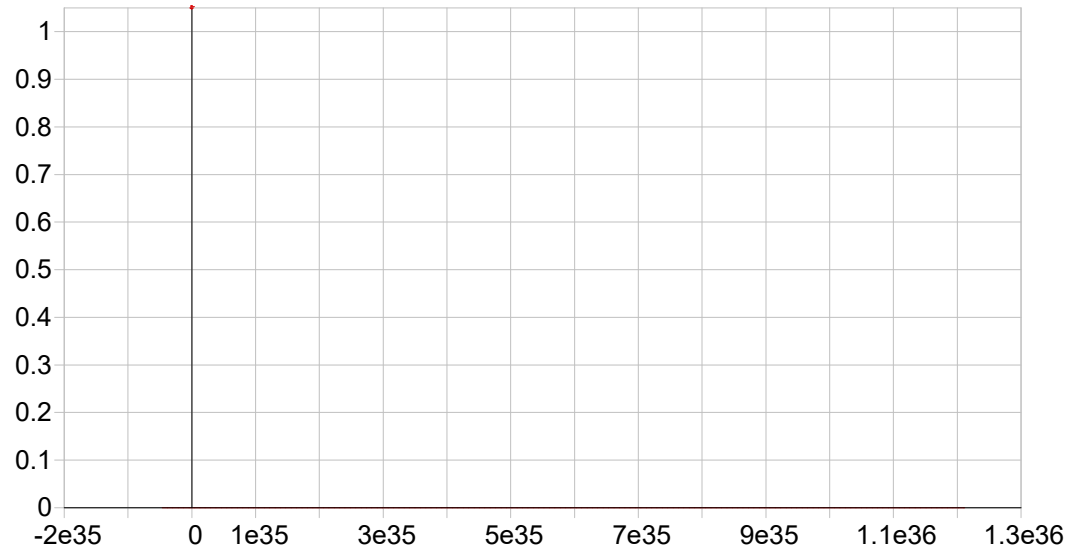
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:12/16/2024
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Inst Id :P5

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



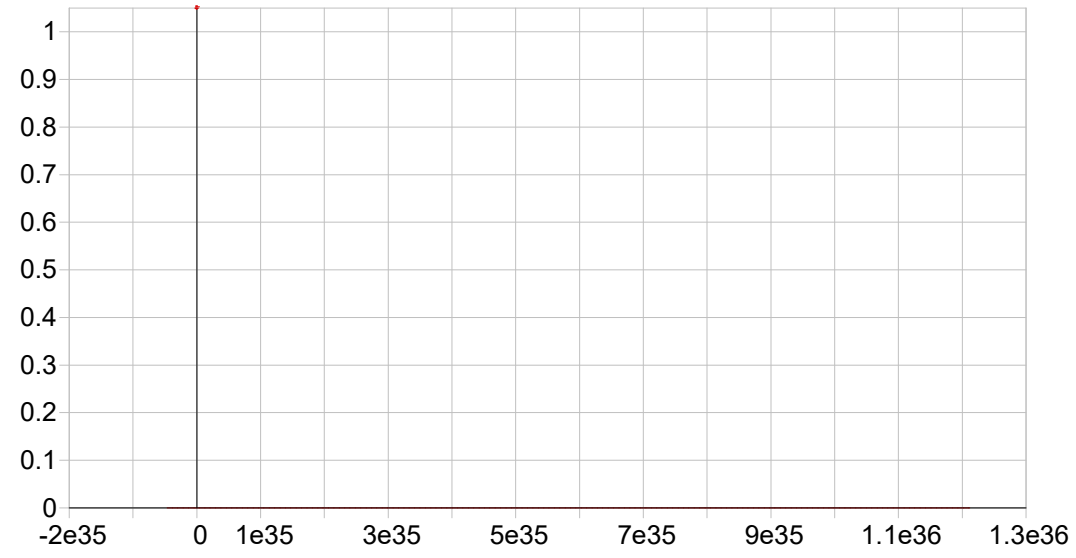
Y 371.030 { 91}*

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

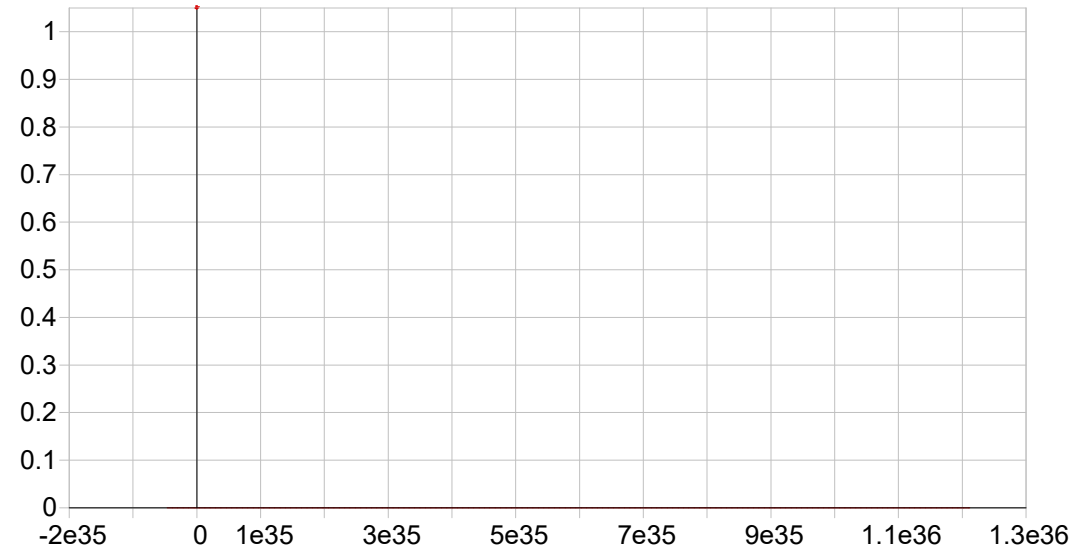
Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



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



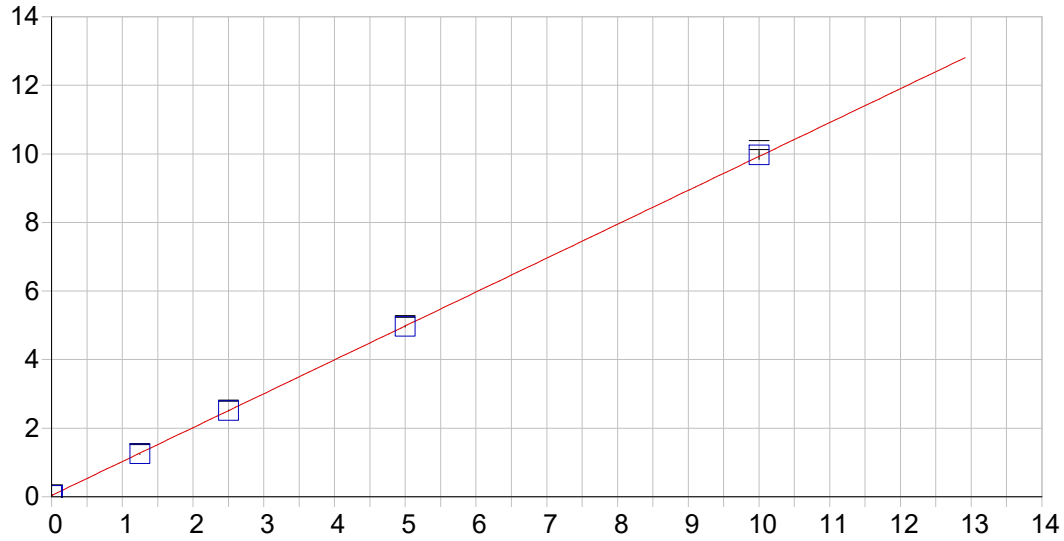
In 230.606 {446}*

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	

Reviewed By:Mohan
On:12/16/2024
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Inst Id :P5

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



Li 670.784 { 50}

Date of Fit:	12/13/2024 12:00:28	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.038365		Re-Slope:	1.000000	
A1 (Gain):	0.988674		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999891		Status:	OK.	
Std Error of Est:	0.000300				
Predicted MDL:	0.004887				
Predicted MQL:	0.016289				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03837	.004	1
S5	10.000	10.046	.046	.461	9.9706	.130	1
S4	5.0000	4.9844	-.016	-.311	4.9663	.023	1
S3	2.5000	2.5040	.004	.161	2.5140	.017	1
S2	1.2500	1.2224	-.028	-2.21	1.2469	.013	1
S1	.01500	.00806	-.007	-46.3	.04633	.008	1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/13/2024 11:23:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	-.43397	-.00030	.00022	.00019	.00026	-.00124	.00720	-.00142
Stddev	.40424	.00013	.00024	.00026	.00028	.00220	.00322	.00032
%RSD	93.150	43.123	106.22	141.32	106.12	177.40	44.662	22.460
#1	.02750	-.00019	.00049	.00049	.00014	-.00378	.00684	-.00106
#2	-.60390	-.00044	.00013	.00003	.00007	.00010	.00418	-.00155
#3	-.72551	-.00027	.00005	.00004	.00059	-.00004	.01058	-.00165

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	.00018	.00700	.00033	-.00035	.00248	.00018	-.00033	-.00162
Stddev	.00019	.00083	.00022	.00016	.00064	.00105	.00048	.00038
%RSD	109.90	11.908	68.783	45.181	25.959	600.29	143.70	23.374
#1	.00007	.00655	.00008	-.00031	.00305	-.00099	-.00083	-.00200
#2	.00040	.00796	.00051	-.00022	.00178	.00048	.00013	-.00161
#3	.00006	.00649	.00039	-.00052	.00261	.00104	-.00031	-.00124

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	-.00026	-.00198	-.00362	.00031	-.00097	.18053	-.00317	.01297
Stddev	.00024	.00015	.00635	.00062	.00006	.00338	.00004	.00118
%RSD	95.036	7.5467	175.40	201.81	6.5136	1.8739	1.2668	9.1227
#1	-.00049	-.00209	-.01089	.00023	-.00090	.18088	-.00313	.01274
#2	-.00000	-.00205	.00082	.00097	-.00101	.17698	-.00321	.01193
#3	-.00028	-.00181	-.00079	-.00027	-.00101	.18372	-.00316	.01426

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00041	.00047	.09714	.00018	.00110	-.00418	.03837
Stddev	.00024	.00023	.00126	.00012	.00109	.00171	.00403
%RSD	58.827	49.596	1.2973	68.795	99.497	40.822	10.503
#1	.00067	.00072	.09570	.00005	.00047	-.00603	.04249
#2	.00020	.00041	.09769	.00020	.00236	-.00384	.03444
#3	.00035	.00027	.09803	.00029	.00047	-.00267	.03818

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/13/2024 11:23:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	2340.5	25508.	2246.9	1896.0	3122.3
Stddev	2.8	111.	9.8	13.8	4.8
%RSD	.12133	.43622	.43544	.72779	.15386
#1	2341.9	25468.	2237.5	1892.6	3118.8
#2	2337.2	25634.	2246.3	1911.2	3120.3
#3	2342.2	25423.	2257.0	1884.2	3127.8

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/13/2024 11:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1.8638	.00188	.00212	.00206	.00956	.01994	.92554	.06313
Stddev	.7591	.00013	.00045	.00021	.00013	.00164	.00103	.00035
%RSD	40.732	6.8021	21.227	10.012	1.3781	8.2474	.11172	.54762
#1	2.3730	.00182	.00259	.00221	.00953	.01895	.92637	.06273
#2	.99123	.00203	.00208	.00213	.00944	.02184	.92438	.06330
#3	2.2270	.00180	.00169	.00182	.00970	.01904	.92587	.06335

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	.01707	.25729	.00317	.04685	.00733	.00234	.00712	.07291
Stddev	.00043	.00369	.00011	.00058	.00022	.00039	.00092	.00064
%RSD	2.5206	1.4353	3.4269	1.2357	3.0149	16.670	12.863	.87090
#1	.01740	.26120	.00305	.04683	.00714	.00273	.00773	.07343
#2	.01658	.25680	.00320	.04628	.00757	.00236	.00607	.07311
#3	.01723	.25386	.00326	.04743	.00727	.00195	.00756	.07221

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	.02181	.00052	.05349	.00622	.00257	.30410	-.00270	.00732
Stddev	.00025	.00026	.00569	.00046	.00050	.00269	.00002	.00118
%RSD	1.1547	49.103	10.630	7.3759	19.483	.88356	.76845	16.078
#1	.02179	.00066	.05503	.00608	.00283	.30719	-.00268	.00629
#2	.02156	.00069	.04719	.00674	.00288	.30231	-.00270	.00861
#3	.02206	.00023	.05824	.00585	.00199	.30280	-.00272	.00707

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00755	.00446	.52768	.00103	.04047	1.1839	.04633
Stddev	.00025	.00007	.00252	.00002	.00033	.0011	.00818
%RSD	3.3454	1.5997	.47842	2.1934	.82307	.09245	17.648
#1	.00774	.00454	.52551	.00105	.04083	1.1852	.04018
#2	.00765	.00442	.53045	.00101	.04017	1.1835	.04320
#3	.00726	.00442	.52707	.00102	.04040	1.1832	.05561

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/13/2024 11:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	2341.2	25656.	2235.1	1895.6	3134.7
Stddev	3.3	21.	7.5	2.3	3.6
%RSD	.14186	.08102	.33669	.12277	.11638
#1	2345.1	25680.	2243.6	1897.3	3138.8
#2	2339.5	25645.	2229.3	1892.9	3133.3
#3	2339.2	25642.	2232.5	1896.5	3132.0

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/13/2024 11:31:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	228.35	.10594	1.3831	.07913	.20324	4.1973	10.901	1.5449
Stddev	.92	.00075	.0010	.00056	.00011	.0116	.036	.0196
%RSD	.40489	.70424	.07111	.70187	.05517	.27586	.33316	1.2678
#1	227.40	.10533	1.3821	.07885	.20327	4.1865	10.860	1.5238
#2	228.42	.10572	1.3832	.07878	.20334	4.1959	10.926	1.5625
#3	229.24	.10678	1.3841	.07977	.20312	4.2095	10.918	1.5485

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1584	3.0318	1.1407	.58131	.61806	.93022	1.6793	.87808
Stddev	.0049	.0072	.0037	.00108	.00537	.00252	.0053	.00448
%RSD	.22574	.23581	.32821	.18551	.86920	.27042	.31739	.51054
#1	2.1540	3.0258	1.1364	.58022	.61307	.92732	1.6735	.87465
#2	2.1576	3.0299	1.1422	.58135	.61736	.93157	1.6805	.87643
#3	2.1636	3.0397	1.1434	.58237	.62375	.93178	1.6839	.88315

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	.34683	.07667	.32754	.06771	.24049	1.0770	.07533	1.0836
Stddev	.00064	.00037	.00259	.00122	.00334	.0063	.00017	.0113
%RSD	.18417	.47757	.78952	1.7969	1.3896	.58565	.21914	1.0460
#1	.34609	.07640	.32456	.06630	.24135	1.0713	.07518	1.0709
#2	.34713	.07652	.32925	.06842	.23680	1.0759	.07532	1.0927
#3	.34726	.07708	.32879	.06840	.24332	1.0838	.07551	1.0873

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.87575	.05190	2.2784	.16931	.48851	14.211	1.2469
Stddev	.00100	.00046	.0260	.00031	.00190	.072	.0134
%RSD	.11364	.89132	1.1415	.18562	.38810	.50801	1.0764
#1	.87489	.05166	2.2488	.16895	.48697	14.131	1.2320
#2	.87684	.05160	2.2976	.16955	.48794	14.230	1.2510
#3	.87552	.05243	2.2888	.16942	.49063	14.271	1.2578

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/13/2024 11:31:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	2245.8	24945.	2250.6	1808.4	2873.7
Stddev	4.1	83.	17.5	9.2	3.1
%RSD	.18385	.33181	.77981	.50938	.10943
#1	2245.5	24926.	2270.8	1806.3	2873.0
#2	2241.8	25035.	2242.0	1818.4	2871.0
#3	2250.0	24873.	2239.0	1800.4	2877.2

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/13/2024 11:35:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	457.23	.21557	2.8357	.16332	.41843	8.5469	22.376	3.1489
Stddev	2.40	.00083	.0030	.00057	.00089	.0202	.063	.0122
%RSD	.52556	.38398	.10630	.35174	.21215	.23671	.28275	.38746
#1	455.34	.21506	2.8384	.16397	.41943	8.5326	22.376	3.1543
#2	456.42	.21653	2.8361	.16287	.41814	8.5700	22.439	3.1575
#3	459.94	.21513	2.8324	.16313	.41773	8.5380	22.313	3.1349

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4056	6.1320	2.2821	1.1699	1.2556	1.8934	3.4041	1.7766
Stddev	.0051	.0032	.0107	.0027	.0046	.0095	.0134	.0051
%RSD	.11518	.05216	.46848	.23150	.36840	.50316	.39341	.28603
#1	4.4112	6.1354	2.2945	1.1726	1.2548	1.8870	3.3956	1.7721
#2	4.4042	6.1291	2.2759	1.1699	1.2606	1.9044	3.4196	1.7821
#3	4.4014	6.1314	2.2760	1.1672	1.2515	1.8889	3.3972	1.7757

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	.70782	.15713	.66457	.13779	.49555	2.0356	.16060	2.2241
Stddev	.00177	.00021	.00596	.00047	.00269	.0108	.00026	.0048
%RSD	.25019	.13526	.89723	.33942	.54215	.52884	.16315	.21476
#1	.70967	.15732	.66414	.13746	.49401	2.0267	.16031	2.2283
#2	.70765	.15717	.67074	.13759	.49865	2.0476	.16082	2.2252
#3	.70615	.15690	.65883	.13833	.49400	2.0325	.16067	2.2189

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8019	.10835	4.5264	.34922	.99756	29.071	2.5140
Stddev	.0025	.00030	.0186	.00022	.00219	.110	.0173
%RSD	.13698	.27624	.41125	.06294	.21943	.37684	.68821
#1	1.8043	.10844	4.5420	.34910	.99601	29.007	2.5104
#2	1.8020	.10860	4.5315	.34947	1.0001	29.198	2.5329
#3	1.7994	.10802	4.5058	.34908	.99661	29.009	2.4988

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/13/2024 11:35:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	2155.6	24683.	2210.6	1746.6	2757.7
Stddev	7.1	74.	8.8	2.8	8.8
%RSD	.32905	.29802	.39638	.15911	.32061
#1	2152.8	24604.	2205.3	1743.8	2755.2
#2	2150.3	24695.	2205.7	1746.5	2750.3
#3	2163.6	24749.	2220.7	1749.4	2767.5

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/13/2024 11:39:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	900.15	.43425	5.7969	.34082	.88362	17.160	44.935	6.1978
Stddev	1.08	.00045	.0052	.00081	.00265	.059	.146	.0459
%RSD	.11993	.10399	.09002	.23808	.30040	.34292	.32425	.74085
#1	898.91	.43463	5.8028	.34137	.88357	17.093	44.784	6.1490
#2	900.86	.43375	5.7950	.33989	.88100	17.188	44.947	6.2401
#3	900.68	.43436	5.7929	.34119	.88630	17.200	45.075	6.2043

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.9286	12.278	4.5199	2.3402	2.4893	3.7429	6.7093	3.5204
Stddev	.0078	.025	.0113	.0020	.0093	.0123	.0172	.0079
%RSD	.08707	.20465	.24950	.08707	.37531	.32808	.25663	.22451
#1	8.9366	12.249	4.5083	2.3426	2.4801	3.7294	6.6911	3.5137
#2	8.9211	12.295	4.5308	2.3390	2.4889	3.7459	6.7116	3.5184
#3	8.9281	12.289	4.5207	2.3391	2.4988	3.7534	6.7253	3.5292

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	1.4328	.31973	1.3097	.27808	1.0364	3.9292	.33633	4.3682
Stddev	.0007	.00062	.0050	.00125	.0060	.0209	.00070	.0331
%RSD	.04850	.19404	.37764	.44933	.57582	.53199	.20735	.75865
#1	1.4335	.32030	1.3042	.27681	1.0425	3.9109	.33607	4.3311
#2	1.4327	.31907	1.3110	.27812	1.0360	3.9248	.33712	4.3948
#3	1.4321	.31983	1.3139	.27931	1.0306	3.9520	.33579	4.3789

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8053	.22567	8.8090	.71483	2.0022	58.110	4.9663
Stddev	.0040	.00027	.0622	.00115	.0016	.158	.0227
%RSD	.10446	.11749	.70567	.16080	.08028	.27258	.45665
#1	3.8085	.22557	8.7407	.71601	2.0010	57.982	4.9418
#2	3.8009	.22547	8.8621	.71371	2.0016	58.062	4.9706
#3	3.8066	.22597	8.8243	.71477	2.0040	58.287	4.9866

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/13/2024 11:39:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1989.2	24158.	2201.5	1637.9	2609.8
Stddev	6.9	37.	9.2	6.1	6.5
%RSD	.34486	.15464	.41986	.37481	.24774
#1	1982.6	24116.	2211.6	1632.7	2602.6
#2	1996.3	24168.	2193.4	1636.4	2615.0
#3	1988.8	24189.	2199.6	1644.7	2611.8

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/13/2024 11:43:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1733.8	.86476	11.653	.74297	1.9601	34.560	89.942	12.087
Stddev	4.0	.00327	.026	.00042	.0027	.208	.585	.087
%RSD	.23261	.37769	.21982	.05684	.13915	.60115	.65042	.71605
#1	1737.6	.86418	11.648	.74315	1.9633	34.724	90.432	12.147
#2	1729.6	.86182	11.630	.74249	1.9587	34.326	89.294	11.988
#3	1734.3	.86827	11.681	.74328	1.9584	34.630	90.098	12.127

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	17.717	24.402	8.7581	4.6223	4.9335	7.3256	13.173	6.9142
Stddev	.037	.125	.0436	.0082	.0568	.0521	.088	.0482
%RSD	.21145	.51424	.49777	.17726	1.1508	.71175	.66667	.69698
#1	17.721	24.480	8.7221	4.6301	4.9822	7.3760	13.242	6.9533
#2	17.677	24.257	8.8066	4.6231	4.8711	7.2719	13.074	6.8603
#3	17.752	24.469	8.7457	4.6138	4.9473	7.3290	13.203	6.9290

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	2.8519	.64784	2.6091	.54935	2.2325	7.7509	.69030	8.3899
Stddev	.0044	.00180	.0194	.00376	.0186	.0547	.00097	.0522
%RSD	.15454	.27792	.74361	.68497	.83404	.70592	.14053	.62272
#1	2.8569	.64829	2.6295	.55082	2.2330	7.7986	.69067	8.4229
#2	2.8496	.64937	2.5909	.54508	2.2509	7.6912	.68919	8.3296
#3	2.8490	.64586	2.6070	.55216	2.2137	7.7630	.69102	8.4170

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.3914	.46298	16.960	1.4317	3.9937	115.74	9.9706
Stddev	.0085	.00080	.102	.0028	.0375	2.93	.1296
%RSD	.10171	.17222	.60415	.19670	.93934	2.5276	1.2999
#1	8.3992	.46383	17.031	1.4318	4.0274	118.17	10.088
#2	8.3823	.46224	16.842	1.4289	3.9532	112.49	9.8316
#3	8.3927	.46289	17.006	1.4345	4.0004	116.55	9.9922

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/13/2024 11:43:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1711.5	23454.	2186.6	1469.5	2440.6
Stddev	.6	23.	19.1	9.8	2.1
%RSD	.03538	.09939	.87465	.66978	.08505
#1	1712.2	23459.	2173.7	1475.4	2443.0
#2	1711.1	23428.	2208.5	1458.2	2439.9
#3	1711.3	23474.	2177.5	1475.1	2439.0

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: S6 Acquired: 12/13/2024 11:47:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	93.609	40.978	19.790	11.273	7.3019
Stddev	.214	.226	.070	.050	.0250
%RSD	.22876	.55054	.35551	.44171	.34300
#1	93.421	40.999	19.796	11.274	7.2945
#2	93.842	41.192	19.857	11.323	7.3297
#3	93.564	40.743	19.717	11.223	7.2813

Int. Std.	Y_3710
Units	Cts/S
Avg	2099.0
Stddev	10.2
%RSD	.48419
#1	2110.3
#2	2090.6
#3	2096.1

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICV002 Acquired: 12/13/2024 12:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.094649	1.039634	.9749123	.9423884	.9155053	2.364064
Stddev	.005427	.007896	.0017426	.0034728	.0006991	.010469
%RSD	.4957406	.7595287	.1787481	.3685139	.0763655	.4428426
#1	1.089232	1.039823	.9732777	.9422262	.9149745	2.362978
#2	1.094629	1.031645	.9767459	.9389996	.9152441	2.375034
#3	1.100085	1.047434	.9747135	.9459396	.9162975	2.354180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5256808	.5246798	.4970665	10.23992	.5556413	.5015232
Stddev	.0006623	.0011910	.0005209	.10942	.0029357	.0009687
%RSD	.1259900	.2270052	.1047949	1.068548	.5283373	.1931497
#1	.5262516	.5246595	.4967457	10.27995	.5589170	.5004166
#2	.5249546	.5258810	.4967864	10.11612	.5532481	.5022177
#3	.5258362	.5234991	.4976676	10.32368	.5547590	.5019354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5117796	10.50067	.5406480	6.233443	.5111628	.2574343
Stddev	.0014640	.06673	.0015937	.009754	.0009115	.0002833
%RSD	.2860513	.6354913	.2947728	.1564791	.1783218	.1100611
#1	.5117722	10.55802	.5407585	6.242243	.5114037	.2572022
#2	.5103193	10.42743	.5390019	6.235133	.5101550	.2577500
#3	.5132472	10.51655	.5421835	6.222955	.5119297	.2573507

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57204	.5148573	1.099773	9.487001	F -.001533	F -.013319
Stddev	.36533	.0033918	.002258	.178182	.002111	.001356
%RSD	3.455632	.6587790	.2052799	1.878172	137.6809	10.18415
#1	10.43603	.5172128	1.100630	9.689811	.000381	-.014882
#2	10.98587	.5109698	1.097213	9.355596	-.001183	-.012617
#3	10.29423	.5163891	1.101477	9.415595	-.003796	-.012457

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICV002 Acquired: 12/13/2024 12:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000322	F .0086468	F -.039133	F -.000445	F -.002165	F -.009339
Stddev	.000059	.0015968	.000695	.000780	.004817	.000183
%RSD	18.28091	18.46702	1.776069	175.2398	222.4634	1.961470
#1	-.000271	.0068380	-.039912	-.000182	-.005163	-.009155
#2	-.000308	.0092415	-.038909	-.001322	-.004725	-.009339
#3	-.000386	.0098609	-.038578	.000170	.003391	-.009522

Elem	Li6707
Units	ppm
Avg	F -.006253
Stddev	.004123
%RSD	65.94738
#1	-.005215
#2	-.002747
#3	-.010796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.353	26096.78	2315.240	1917.725	3171.046
Stddev	3.416	122.51	2.309	14.102	5.878
%RSD	.1441847	.4694291	.0997453	.7353251	.1853531
#1	2366.179	26008.00	2312.914	1909.143	3164.579
#2	2372.969	26236.54	2317.532	1933.999	3176.062
#3	2368.911	26045.78	2315.273	1910.031	3172.498

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICB002 Acquired: 12/13/2024 13:14:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025312	-.000989	-.002357	.0000133	.0021548	.0106393	.0011165
Stddev	.0016104	.001894	.000546	.0029279	.0019956	.0035871	.0009997
%RSD	63.62407	191.4352	23.15931	22015.28	92.61316	33.71583	89.54045
#1	.0036582	.000635	-.001795	.0006542	.0009566	.0065320	.0022172
#2	.0006867	-.003069	-.002390	.0025677	.0010492	.0122290	.0008677
#3	.0032486	-.000533	-.002885	-.003182	.0044585	.0131568	.0002647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000297	.0000273	.0524202	-.000618	.0001079	.0019600	-.002651
Stddev	.0000761	.0000241	.0518368	.000696	.0002186	.0019445	.032656
%RSD	255.9147	88.27384	98.88713	112.6103	202.6627	99.20986	1232.010
#1	.0001175	.0000107	.0604802	-.000033	.0000109	.0011854	-.029278
#2	-.000016	.0000163	-.002975	-.000434	.0003582	.0041725	.033786
#3	-.000012	.0000550	.099755	-.001387	-.000045	.0005222	-.012459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001376	.0674244	-.000815	.0006437	1.265602	-.010526	.0027720
Stddev	.0003858	.0373653	.000441	.0011016	.697567	.008053	.0047678
%RSD	280.2816	55.41812	54.13014	171.1212	55.11741	76.50012	171.9994
#1	.0005288	.0370409	-.000316	.0016718	.461190	-.003192	-.002365
#2	-.000243	.0560869	-.001154	.0007784	1.631878	-.019144	.003626
#3	.000127	.1091454	-.000975	-.000519	1.703738	-.009244	.007055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3705117	-.002009	-.012484	.0000461	-.000807	-.039623	-.000390
Stddev	.2425584	.000966	.001750	.0003746	.003832	.001107	.001156
%RSD	65.46579	48.10860	14.02140	812.1557	474.6298	2.794167	296.4080
#1	.1719614	-.003045	-.014267	.0004780	.003061	-.040319	-.001606
#2	.6408655	-.001132	-.010768	-.000150	-.004602	-.038346	.000696
#3	.2987082	-.001849	-.012418	-.000189	-.000880	-.040203	-.000260

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICB002 Acquired: 12/13/2024 13:14:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002476	-.000108	-.010521
Stddev	.001696	.000414	.001112
%RSD	68.50440	384.6732	10.56989
#1	-.000548	.000099	-.011508
#2	-.003740	-.000584	-.010739
#3	-.003140	.000163	-.009316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.379	25909.99	2228.443	1903.365	3207.271
Stddev	2.031	234.88	65.915	19.962	1.723
%RSD	.0858097	.9065283	2.957889	1.048765	.0537366
#1	2365.681	25646.62	2277.686	1883.763	3208.112
#2	2364.790	26097.76	2153.561	1923.668	3205.288
#3	2368.667	25985.60	2254.082	1902.664	3208.412

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICSA002 Acquired: 12/13/2024 13:18:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033037	.0168856	.0006046	-.021777	.0144171	235.9905
Stddev	.0058586	.0012703	.0033355	.001839	.0023126	.2148
%RSD	177.3325	7.523115	551.7332	8.446673	16.04095	.0910332
#1	.0100673	.0182028	-.002963	-.020469	.0162418	236.0478
#2	-.000195	.0167858	.003645	-.020982	.0151934	235.7529
#3	.000039	.0156681	.001132	-.023881	.0118162	236.1709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089166	.0014900	.0010214	241.9880	.0508922	.0302403
Stddev	.0006947	.0000980	.0000702	.2860	.0009110	.0003588
%RSD	7.790645	6.577361	6.876672	.1181677	1.790061	1.186630
#1	.0097160	.0015585	.0010909	242.3175	.0510201	.0305715
#2	.0085749	.0015336	.0010229	241.8410	.0517325	.0298591
#3	.0084590	.0013777	.0009505	241.8053	.0499240	.0302902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013717	100.6993	.0105133	254.5722	.0078310	-.009913
Stddev	.001516	.2339	.0016552	.3898	.0010613	.000935
%RSD	11.05126	.2323096	15.74394	.1531266	13.55297	9.434849
#1	-.013986	100.6205	.0091834	254.5950	.0078713	-.009574
#2	-.015081	100.5149	.0099893	254.1716	.0067501	-.010971
#3	-.012085	100.9624	.0123670	254.9502	.0088716	-.009195

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.506252	.0041326	-.025667	-1.03779	.0022272	F -.030707
Stddev	.877109	.0115058	.004786	.05700	.0002017	.000246
%RSD	58.23123	278.4157	18.64500	5.492051	9.058050	.8013045
#1	.703117	.0044059	-.020254	-1.09955	.0021374	-.030844
#2	2.442188	-.007507	-.029337	-.98721	.0024582	-.030423
#3	1.373449	.015499	-.027411	-1.02662	.0020859	-.030854

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICSA002 Acquired: 12/13/2024 13:18:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006024	.0094679	-.045553	F .0087311	-.005424	.0040660
Stddev	.0004246	.0025367	.000068	.0006243	.001594	.0001660
%RSD	70.48892	26.79239	.1502750	7.150683	29.38296	4.082788
#1	.0002198	.0113395	-.045500	.0092801	-.006919	.0039790
#2	.0010592	.0065808	-.045528	.0080520	-.005605	.0042574
#3	.0005280	.0104835	-.045630	.0088612	-.003747	.0039616

Elem	Li6707
Units	ppm
Avg	-.008610
Stddev	.000735
%RSD	8.534696
#1	-.008035
#2	-.008358
#3	-.009438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.747	24728.19	2262.140	1824.676	2809.381
Stddev	5.006	52.01	7.038	11.423	4.805
%RSD	.2208310	.2103323	.3111017	.6260340	.1710174
#1	2270.148	24668.93	2269.194	1813.711	2814.842
#2	2260.999	24749.33	2255.119	1836.508	2805.803
#3	2269.095	24766.30	2262.108	1823.810	2807.498

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICSAB002 Acquired: 12/13/2024 13:22:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048030	.1218471	.0499588	.0211340	.5307868	235.2262
Stddev	.0068593	.0048616	.0036921	.0073664	.0026413	.5365
%RSD	6.544913	3.989895	7.390305	34.85579	.4976246	.2280901
#1	.1082097	.1258073	.0505612	.0128108	.5338361	234.8814
#2	.0969073	.1164213	.0533127	.0268147	.5293189	234.9528
#3	.1092920	.1233126	.0460025	.0237765	.5292055	235.8443

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5295335	.5153808	.9745996	242.8592	.5810026	.5043351
Stddev	.0016342	.0010065	.0048774	.9100	.0003464	.0030255
%RSD	.3086063	.1953030	.5004521	.3747084	.0596178	.5999041
#1	.5283776	.5142189	.9802229	242.8272	.5813742	.5078036
#2	.5288198	.5159853	.9720579	241.9656	.5806887	.5022388
#3	.5314031	.5159383	.9715180	243.7848	.5809450	.5029629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4655042	100.6357	.5266891	253.0537	.9802044	.1837031
Stddev	.0025364	.1107	.0034153	.1292	.0037464	.0012281
%RSD	.5448801	.1099973	.6484452	.0510478	.3822072	.6685246
#1	.4646781	100.5891	.5231945	253.1249	.9844787	.1837107
#2	.4634837	100.5558	.5268536	252.9045	.9786448	.1849273
#3	.4683506	100.7620	.5300191	253.1315	.9774897	.1824712

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.671346	.5263606	.8956275	-1.83497	.0005936	F -.030927
Stddev	.230854	.0049825	.0074238	.05419	.0025674	.003513
%RSD	13.81245	.9465868	.8288910	2.952919	432.5017	11.35913
#1	1.427727	.5311844	.8917228	-1.83851	.0010094	-.027236
#2	1.886861	.5266639	.8909711	-1.77910	.0029278	-.031316
#3	1.699449	.5212334	.9041888	-1.88730	-.002156	-.034230

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: ICSAB002 Acquired: 12/13/2024 13:22:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005449	.0102045	-.044864	F .0084639	-.005179	.0042779
Stddev	.0004612	.0039600	.000740	.0019725	.003148	.0003576
%RSD	84.63353	38.80710	1.648476	23.30426	60.79272	8.360185
#1	.0000843	.0056354	-.044718	.0100662	-.008743	.0044021
#2	.0010066	.0123324	-.045665	.0062610	-.004015	.0038747
#3	.0005439	.0126457	-.044208	.0090646	-.002778	.0045568

Elem	Li6707
Units	ppm
Avg	F -.022058
Stddev	.004940
%RSD	22.39730
#1	-.018783
#2	-.027741
#3	-.019651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.453	24753.21	2274.824	1831.753	2815.641
Stddev	7.281	29.57	8.017	3.175	5.708
%RSD	.3218380	.1194549	.3524070	.1733375	.2027265
#1	2254.495	24740.02	2283.993	1829.108	2810.632
#2	2268.781	24732.52	2271.338	1835.274	2821.856
#3	2264.084	24787.07	2269.140	1830.876	2814.435

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV007 Acquired: 12/13/2024 13:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736477	4.848990	23.49551	4.505487	4.587134	377.5410	9.712883
Stddev	.018483	.013910	.03340	.009604	.011655	.6654	.013120
%RSD	.3902256	.2868690	.1421641	.2131588	.2540773	.1762480	.1350821
#1	4.728404	4.861050	23.51563	4.500508	4.590903	377.0960	9.709870
#2	4.723403	4.833773	23.45695	4.499395	4.574061	378.3059	9.727248
#3	4.757623	4.852148	23.51394	4.516558	4.596438	377.2209	9.701532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4769488	2.350155	392.5557	14.76073	2.341785	14.62638	392.1255
Stddev	.0016946	.005686	.5501	.02175	.006890	.01032	1.1641
%RSD	.3552936	.2419248	.1401388	.1473555	.2942126	.0705558	.2968713
#1	.4774141	2.354094	392.5091	14.75956	2.342449	14.61452	390.8588
#2	.4783622	2.343637	393.1276	14.73959	2.334587	14.63129	393.1483
#3	.4750703	2.352734	392.0303	14.78305	2.348319	14.63333	392.3695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65741	380.3257	2.386826	1.224124	380.5217	2.429562	13.95728
Stddev	.01981	.6320	.005141	.004390	1.2836	.014195	.04999
%RSD	.1351266	.1661681	.2154111	.3586338	.3373140	.5842530	.3581447
#1	14.65642	380.2837	2.391317	1.229113	379.2406	2.426237	13.99796
#2	14.67769	380.9776	2.381218	1.222404	381.8077	2.445123	13.90148
#3	14.63812	379.7158	2.387943	1.220853	380.5168	2.417324	13.97240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.7935	4.709993	4.665184	4.569891	4.694771	4.728707	4.783962
Stddev	.0809	.001942	.009519	.004426	.018132	.018973	.013719
%RSD	.0562416	.0412312	.2040471	.0968534	.3862104	.4012322	.2867681
#1	143.8462	4.712201	4.658453	4.574013	4.711787	4.706802	4.796593
#2	143.8339	4.708552	4.676075	4.565214	4.675699	4.739334	4.769367
#3	143.7004	4.709225	4.661024	4.570447	4.696826	4.739985	4.785925

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV007 Acquired: 12/13/2024 13:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.910711	4.584252	4.916906
Stddev	.004334	.002638	.010851
%RSD	.0882500	.0575427	.2206889
#1	4.910679	4.586512	4.904797
#2	4.915061	4.584891	4.920174
#3	4.906393	4.581353	4.925749

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.383	23352.32	2194.106	1611.459	2531.931
Stddev	4.662	88.07	13.332	5.660	4.594
%RSD	.2408774	.3771458	.6076186	.3512330	.1814461
#1	1931.177	23326.69	2200.859	1606.367	2527.147
#2	1934.578	23279.90	2178.749	1610.456	2532.337
#3	1940.396	23450.36	2202.710	1617.553	2536.308

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB007 Acquired: 12/13/2024 13:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032029	.0013195	.0056961	.0004668	.0033745	.0184343
Stddev	.0012614	.0009026	.0024697	.0047166	.0010794	.0039260
%RSD	39.38308	68.40324	43.35835	1010.467	31.98571	21.29715
#1	.0038137	.0012833	.0074183	-.002166	.0021499	.0180533
#2	.0017524	.0022397	.0068033	-.002346	.0041877	.0225369
#3	.0040426	.0004355	.0028665	.005912	.0037860	.0147127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016786	.0002171	.0002610	-.001048	.0020296	.0001217
Stddev	.0008769	.0000983	.0000153	.018362	.0004603	.0001123
%RSD	52.24009	45.27286	5.850080	1752.427	22.67949	92.24920
#1	.0008242	.0001092	.0002781	-.019639	.0015711	.0002320
#2	.0016353	.0003014	.0002489	.017076	.0020261	.0000075
#3	.0025764	.0002406	.0002558	-.000580	.0024917	.0001257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022249	.0278615	.0020399	.1092355	.0006856	.0003124
Stddev	.0018441	.0265829	.0014616	.0499786	.0007084	.0009580
%RSD	82.88573	95.41074	71.65044	45.75306	103.3329	306.6177
#1	.0014406	.0517156	.0032757	.1664780	-.000084	.0007108
#2	.0043316	-.000795	.0004266	.0869643	.000831	-.000780
#3	.0009026	.032664	.0024174	.0742641	.001310	.001007

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.410537	-.003995	.0080438	-.386495	.0007601	.0056553
Stddev	.459735	.001962	.0099596	.229612	.0021719	.0023584
%RSD	19.07191	49.10252	123.8173	59.40875	285.7284	41.70341
#1	1.924552	-.006152	.0189038	-.611563	-.000392	.0081257
#2	2.468542	-.002319	-.000663	-.152594	.003265	.0034276
#3	2.838518	-.003514	.005891	-.395327	-.000593	.0054125

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB007 Acquired: 12/13/2024 13:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005815	-.003677	-.038462	.0012734	-.003624	.0003265
Stddev	.0000485	.001475	.000797	.0006362	.002666	.0002142
%RSD	8.341421	40.09970	2.071725	49.95804	73.56853	65.60496
#1	.0005404	-.004943	-.039147	.0018185	-.002862	.0001206
#2	.0006350	-.002058	-.037588	.0014272	-.006587	.0003108
#3	.0005691	-.004031	-.038651	.0005744	-.001422	.0005480

Elem	Li6707
Units	ppm
Avg	F -.026268
Stddev	.003040
%RSD	11.57115
#1	-.029724
#2	-.024012
#3	-.025068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.226	25692.56	2257.693	1901.545	3189.496
Stddev	6.446	124.45	6.274	9.698	2.509
%RSD	.2735842	.4843640	.2778817	.5100109	.0786650
#1	2362.094	25602.99	2253.436	1895.297	3191.887
#2	2357.256	25834.65	2254.745	1912.717	3189.717
#3	2349.326	25640.03	2264.898	1896.621	3186.883

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-01DLX2 Acquired: 12/13/2024 13:53:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142646	.0251786	.0318617	-.035799	-.006776	7.594028	.0314147
Stddev	.0016518	.0026623	.0006559	.002152	.001781	.055463	.0004066
%RSD	11.57983	10.57367	2.058666	6.011452	26.29002	.7303446	1.294174
#1	.0153566	.0244221	.0317082	-.035525	-.006059	7.640404	.0316871
#2	.0123643	.0229765	.0325808	-.038075	-.005465	7.609091	.0309474
#3	.0150729	.0281373	.0312962	-.033797	-.008804	7.532590	.0316096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009885	.0006990	534.2363	.0201737	.0512022	.0303797	30.75563
Stddev	.0001689	.0000292	1.3531	.0010030	.0003533	.0070922	.12581
%RSD	17.08771	4.169756	.2532746	4.972056	.6900641	23.34541	.4090764
#1	.0008707	.0006929	535.3335	.0212028	.0513209	.0383840	30.87721
#2	.0009127	.0006734	534.6510	.0201194	.0508049	.0248782	30.76372
#3	.0011820	.0007307	532.7244	.0191989	.0514810	.0278768	30.62597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152336	142.2486	.0418257	-.003959	2.241468	.0322348	.0644350
Stddev	.001409	.6795	.0005648	.000247	.292551	.0059910	.0133854
%RSD	.1222898	.4777009	1.350313	6.235777	13.05177	18.58538	20.77343
#1	1.153740	142.8610	.0424777	-.003951	2.541722	.0343762	.0763470
#2	1.152345	142.3671	.0415106	-.004209	1.957282	.0368609	.0670083
#3	1.150922	141.5176	.0414887	-.003716	2.225399	.0254674	.0499499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.98923	.8113007	.0085807	.0040438	.4711634	1.962539	.0102476
Stddev	.08779	.0048073	.0034804	.0006093	.0076191	.004748	.0021611
%RSD	4.413448	.5925396	40.56021	15.06643	1.617078	.2419233	21.08888
#1	-1.89871	.8057904	.0075097	.0043958	.4623656	1.957475	.0117099
#2	-2.07401	.8146365	.0057617	.0033403	.4755471	1.963251	.0077653
#3	-1.99498	.8134753	.0124707	.0043954	.4755774	1.966890	.0112677

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-01DLX2 Acquired: 12/13/2024 13:53:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2302917	.3528123	.0033913
Stddev	.0011676	.0008968	.0041291
%RSD	.5070026	.2541815	121.7544
#1	.2316315	.3538322	.0074583
#2	.2297518	.3521472	.0035128
#3	.2294918	.3524576	-.000797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.969	25288.23	2294.616	1845.478	2784.025
Stddev	4.952	72.91	4.333	4.027	3.986
%RSD	.2169909	.2883013	.1888466	.2181854	.1431576
#1	2278.756	25280.26	2289.832	1845.882	2780.153
#2	2287.672	25219.64	2298.278	1841.265	2788.115
#3	2279.480	25364.80	2295.737	1849.287	2783.806

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-02DLX2 Acquired: 12/13/2024 13:56:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119656	.0252613	.0285495	-.037015	-.005697	6.675788	.0360961
Stddev	.0055471	.0014267	.0038452	.000528	.001577	.013801	.0005257
%RSD	46.35837	5.647918	13.46842	1.425230	27.68062	.2067302	1.456416
#1	.0161329	.0268300	.0256326	-.036937	-.005170	6.691446	.0356484
#2	.0056695	.0240411	.0329069	-.037577	-.004451	6.665394	.0366750
#3	.0140945	.0249127	.0271090	-.036531	-.007470	6.670524	.0359650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008492	.0006375	640.9263	.0202919	.0478600	.0356557	29.06100
Stddev	.0000967	.0001455	1.4476	.0005528	.0003473	.0044505	.11217
%RSD	11.38562	22.82849	.2258651	2.724307	.7255925	12.48189	.3859919
#1	.0008031	.0007848	642.0196	.0208965	.0474590	.0306557	29.15823
#2	.0007842	.0004938	639.2846	.0201672	.0480585	.0371277	28.93827
#3	.0009603	.0006340	641.4747	.0198121	.0480625	.0391837	29.08649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146216	96.94499	.0333193	-.002233	1.843186	.0396528	.0703366
Stddev	.002521	.18621	.0003412	.000843	.267325	.0083623	.0105335
%RSD	.2199443	.1920810	1.023952	37.75943	14.50342	21.08874	14.97582
#1	1.148518	96.83724	.0330830	-.002326	1.588162	.0301328	.0599512
#2	1.143522	96.83772	.0331644	-.003026	1.820084	.0458110	.0700464
#3	1.146608	97.16001	.0337104	-.001347	2.121312	.0430147	.0810122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.26512	.8802534	.0011039	.0037574	.5562056	2.114038	.0084248
Stddev	.13727	.0010872	.0007343	.0005348	.0047118	.007175	.0010530
%RSD	6.060092	.1235084	66.52282	14.23286	.8471398	.3394049	12.49921
#1	-2.25997	.8798928	.0002737	.0042923	.5608448	2.111569	.0096374
#2	-2.13050	.8793924	.0013694	.0032227	.5514244	2.122122	.0078972
#3	-2.40489	.8814751	.0016685	.0037572	.5563476	2.108424	.0077399

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-02DLX2 Acquired: 12/13/2024 13:56:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2778096	.4821998	-.003324
Stddev	.0028473	.0008654	.002480
%RSD	1.024905	.1794707	74.61063
#1	.2802094	.4829476	-.002172
#2	.2785560	.4812518	-.006171
#3	.2746635	.4824000	-.001630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.781	25521.20	2307.346	1866.951	2810.172
Stddev	5.374	92.05	11.167	6.786	5.023
%RSD	.2324457	.3606780	.4839620	.3634647	.1787259
#1	2313.706	25604.55	2295.702	1873.152	2814.108
#2	2305.709	25536.66	2308.372	1867.999	2804.515
#3	2315.926	25422.40	2317.965	1859.702	2811.893

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-03DLX2 Acquired: 12/13/2024 14:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313676	.0246110	.0302762	-.036566	-.005871	9.635334	.0445697
Stddev	.0035581	.0023224	.0016128	.003139	.001009	.016588	.0005869
%RSD	11.34342	9.436450	5.326954	8.585755	17.18792	.1721557	1.316761
#1	.0312744	.0242278	.0294155	-.033174	-.005632	9.640278	.0440147
#2	.0278569	.0225041	.0292763	-.039369	-.006979	9.616836	.0445106
#3	.0349714	.0271012	.0321367	-.037156	-.005003	9.648887	.0451839

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008171	.0004853	533.4386	.0310276	.0499722	.0345278	29.45714
Stddev	.0000868	.0000376	1.2802	.0007501	.0002232	.0023134	.07227
%RSD	10.61820	7.749494	.2399971	2.417450	.4466868	6.700123	.2453461
#1	.0008790	.0004931	532.5390	.0318152	.0497864	.0362789	29.37448
#2	.0007179	.0005184	534.9043	.0309458	.0499104	.0353993	29.48853
#3	.0008543	.0004444	532.8725	.0303217	.0502198	.0319052	29.50841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539961	131.6919	.0444167	-.002602	2.594886	.0412536	.0849572
Stddev	.001953	.4035	.0010263	.000512	.301603	.0130697	.0039170
%RSD	.0768747	.3064024	2.310512	19.67936	11.62300	31.68138	4.610544
#1	2.540135	131.3186	.0449170	-.002851	2.857953	.0439343	.0805632
#2	2.541821	132.1200	.0432362	-.002942	2.265713	.0527751	.0880826
#3	2.537927	131.6370	.0450968	-.002013	2.660992	.0270514	.0862260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.26992	.9065638	.0014954	.0016308	2.492326	1.899491	.0070175
Stddev	.12282	.0049997	.0011294	.0000979	.007624	.009443	.0004832
%RSD	5.410701	.5515039	75.52420	6.000361	.3059015	.4971237	6.884908
#1	-2.35274	.9050540	.0016055	.0017415	2.497253	1.888959	.0075475
#2	-2.32820	.9024929	.0003150	.0015951	2.483544	1.907202	.0066016
#3	-2.12881	.9121444	.0025659	.0015558	2.496181	1.902311	.0069034

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-03DLX2 Acquired: 12/13/2024 14:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3422775	.3852989	-.003925
Stddev	.0016520	.0005785	.005547
%RSD	.4826434	.1501422	141.3177
#1	.3405799	.3851084	-.003976
#2	.3438798	.3859486	-.009447
#3	.3423727	.3848397	.001647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.536	25415.44	2317.421	1856.149	2809.097
Stddev	1.765	196.78	12.241	6.132	2.283
%RSD	.0760652	.7742466	.5282290	.3303718	.0812553
#1	2322.105	25188.23	2331.196	1849.096	2811.612
#2	2320.879	25531.14	2313.278	1860.221	2807.156
#3	2318.625	25526.95	2307.789	1859.129	2808.524

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-05DLX2 Acquired: 12/13/2024 14:04:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138640	.0227871	.0353623	-.033172	-.004257	10.12952	.0446821
Stddev	.0039175	.0014241	.0003056	.000899	.000345	.04119	.0007495
%RSD	28.25698	6.249613	.8642783	2.708873	8.092683	.4065966	1.677403
#1	.0097143	.0234755	.0354874	-.032135	-.004519	10.12093	.0454502
#2	.0143792	.0211496	.0355855	-.033733	-.003867	10.17433	.0446434
#3	.0174984	.0237362	.0350140	-.033646	-.004385	10.09331	.0439527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010961	.0006497	488.8715	.0252236	.0496737	.0296072	31.36380
Stddev	.0000388	.0000694	.5709	.0005927	.0002962	.0076261	.08570
%RSD	3.535442	10.67342	.1167830	2.349747	.5962662	25.75758	.2732568
#1	.0010867	.0005914	489.3846	.0253258	.0498309	.0353377	31.38132
#2	.0011387	.0007264	488.2565	.0245865	.0493320	.0325324	31.27069
#3	.0010629	.0006314	488.9733	.0257586	.0498581	.0209516	31.43939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086494	115.3171	.0403176	-.004115	2.515561	.0448848	.0799448
Stddev	.002624	.0696	.0011017	.001171	.572598	.0100616	.0029076
%RSD	.2415097	.0603633	2.732556	28.46675	22.76224	22.41643	3.636988
#1	1.084684	115.2715	.0390989	-.004128	3.127476	.0455187	.0832609
#2	1.085296	115.3972	.0406110	-.002937	2.426487	.0345213	.0778320
#3	1.089504	115.2825	.0412429	-.005279	1.992720	.0546145	.0787416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.21267	.8836365	.0090388	.0041237	.5455806	4.840290	.0085180
Stddev	.13153	.0018021	.0010903	.0002060	.0051173	.028387	.0002109
%RSD	10.84662	.2039452	12.06204	4.994522	.9379502	.5864752	2.476198
#1	-1.09991	.8845033	.0085212	.0041930	.5405023	4.824812	.0086262
#2	-1.35717	.8815648	.0083038	.0038920	.5507360	4.873052	.0086529
#3	-1.18093	.8848415	.0102915	.0042860	.5455037	4.823006	.0082750

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-05DLX2 Acquired: 12/13/2024 14:04:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4152220	.3651743	-.013369
Stddev	.0076016	.0006214	.003560
%RSD	1.830737	.1701538	26.62763
#1	.4236579	.3653548	-.009382
#2	.4131044	.3644827	-.016230
#3	.4089038	.3656855	-.014496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.899	25718.20	2332.729	1880.045	2873.137
Stddev	8.021	65.52	9.343	8.346	10.852
%RSD	.3419047	.2547574	.4005053	.4438998	.3777162
#1	2353.053	25652.95	2343.464	1870.554	2882.257
#2	2347.417	25717.67	2326.437	1883.347	2876.019
#3	2337.228	25783.98	2328.285	1886.234	2861.134

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-06DLX2 Acquired: 12/13/2024 14:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131606	.0272996	.0308618	-.042270	-.007273	7.015029	.0298609
Stddev	.0013036	.0018018	.0010095	.002329	.000127	.020024	.0009278
%RSD	9.905678	6.599907	3.270978	5.510329	1.751091	.2854425	3.107162
#1	.0118847	.0293580	.0303666	-.040493	-.007255	7.037266	.0305403
#2	.0144903	.0260082	.0301956	-.041410	-.007156	6.998424	.0288038
#3	.0131069	.0265328	.0320233	-.044907	-.007409	7.009397	.0302385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010091	.0006086	698.5695	.0190986	.0507997	.0304095	28.80866
Stddev	.0001721	.0000769	2.9896	.0009870	.0002961	.0039830	.26531
%RSD	17.05495	12.63916	.4279626	5.167776	.5828424	13.09798	.9209247
#1	.0009067	.0006827	701.9294	.0179803	.0505537	.0262728	29.08470
#2	.0012078	.0005291	696.2034	.0194672	.0507169	.0307369	28.55558
#3	.0009128	.0006140	697.5756	.0198482	.0511283	.0342187	28.78571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146522	240.7386	.0378026	-.003916	2.364625	.0282548	.0588484
Stddev	.006806	1.1630	.0002880	.000882	.246507	.0100217	.0052762
%RSD	.5936394	.4831138	.7618264	22.51965	10.42478	35.46907	8.965777
#1	1.154320	242.0715	.0379651	-.002948	2.633212	.0376370	.0527574
#2	1.141779	240.2143	.0379726	-.004673	2.311952	.0294304	.0620094
#3	1.143467	239.9299	.0374701	-.004127	2.148713	.0176972	.0617783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.21719	.8517133	.0045204	.0026996	.6870118	1.512358	.0082106
Stddev	.18059	.0013536	.0011223	.0001047	.0068266	.009881	.0008425
%RSD	8.144834	.1589228	24.82648	3.878541	.9936717	.6533218	10.26176
#1	-2.25408	.8528003	.0046730	.0025934	.6933768	1.523353	.0078649
#2	-2.02100	.8501972	.0033296	.0028027	.6798021	1.504224	.0091710
#3	-2.37647	.8521424	.0055585	.0027027	.6878566	1.509496	.0075958

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-06DLX2 Acquired: 12/13/2024 14:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2366191	.4563420	-.005598
Stddev	.0014674	.0006965	.004124
%RSD	.6201601	.1526241	73.65944
#1	.2375221	.4570481	-.003859
#2	.2374092	.4556555	-.002629
#3	.2349259	.4563226	-.010307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.535	24933.24	2268.391	1814.574	2707.229
Stddev	.584	94.86	9.943	5.655	4.743
%RSD	.0260164	.3804533	.4383292	.3116687	.1752070
#1	2246.138	25042.44	2257.018	1821.090	2710.640
#2	2244.972	24886.12	2275.438	1810.942	2701.812
#3	2245.494	24871.17	2272.717	1811.690	2709.234

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-07DLX2 Acquired: 12/13/2024 14:12:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117292	.0289720	.0291805	-.037967	-.007469	6.553457	.0319637
Stddev	.0019402	.0016170	.0035308	.008105	.000392	.054115	.0009329
%RSD	16.54171	5.581098	12.10001	21.34796	5.241974	.8257507	2.918789
#1	.0138197	.0273072	.0253264	-.029328	-.007130	6.558443	.0329273
#2	.0099862	.0290723	.0322593	-.045404	-.007897	6.604907	.0310648
#3	.0113817	.0305364	.0299557	-.039170	-.007380	6.497022	.0318989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007985	.0005599	671.1030	.0203014	.0487337	.0209845	29.63436
Stddev	.0000283	.0001078	3.7034	.0007763	.0005210	.0069511	.13439
%RSD	3.540673	19.25387	.5518319	3.824076	1.069127	33.12485	.4534894
#1	.0007725	.0006840	672.8188	.0195157	.0488679	.0238691	29.53470
#2	.0007945	.0004901	673.6373	.0203204	.0481587	.0130555	29.78720
#3	.0008286	.0005055	666.8529	.0210681	.0491745	.0260288	29.58118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.338259	161.8817	.0320589	-.004966	2.082497	.0323412	.0590961
Stddev	.005344	.7924	.0006990	.001079	.119655	.0109338	.0102370
%RSD	.3993056	.4895007	2.180362	21.71937	5.745752	33.80760	17.32264
#1	1.341000	162.6049	.0323146	-.005510	1.973459	.0441802	.0681944
#2	1.341676	162.0055	.0325941	-.005664	2.210503	.0302198	.0480115
#3	1.332101	161.0347	.0312681	-.003724	2.063529	.0226236	.0610825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.73342	.9215601	.0028480	.0018950	.8293762	1.319342	.0090735
Stddev	.08186	.0049144	.0005407	.0004552	.0011301	.014463	.0019092
%RSD	2.994913	.5332692	18.98556	24.02057	.1362580	1.096254	21.04138
#1	-2.76311	.9184207	.0034677	.0020608	.8297483	1.330114	.0071393
#2	-2.79630	.9190360	.0026038	.0013801	.8281069	1.325009	.0091245
#3	-2.64086	.9272236	.0024724	.0022440	.8302732	1.302904	.0109566

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-07DLX2 Acquired: 12/13/2024 14:12:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2749349	.4133281	-.011457
Stddev	.0021880	.0021238	.001712
%RSD	.7958374	.5138399	14.94068
#1	.2773488	.4141623	-.009506
#2	.2743741	.4149083	-.012160
#3	.2730819	.4109139	-.012705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.883	24980.99	2284.065	1815.211	2749.017
Stddev	4.734	108.20	16.604	10.588	5.352
%RSD	.2087418	.4331281	.7269548	.5832762	.1947001
#1	2270.033	25087.74	2271.855	1826.479	2754.418
#2	2271.162	24983.82	2277.369	1813.684	2748.917
#3	2262.456	24871.40	2302.972	1805.470	2743.715

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-08DLX2 Acquired: 12/13/2024 14:16:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755144	.0259267	.0332744	-.040531	-.005456	9.965038	.0496741
Stddev	.0028605	.0023350	.0007612	.001603	.002005	.046662	.0012783
%RSD	3.787962	9.006100	2.287572	3.954082	36.75678	.4682521	2.573428
#1	.0724643	.0232782	.0334283	-.038725	-.006911	9.990658	.0511382
#2	.0759419	.0268137	.0339468	-.041784	-.006289	9.993277	.0487800
#3	.0781371	.0276883	.0324480	-.041084	-.003168	9.911179	.0491040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011146	.0006516	617.7110	.0271310	.0536114	.0285016	32.26200
Stddev	.0001105	.0001746	1.7704	.0001209	.0003370	.0029265	.04630
%RSD	9.914800	26.79147	.2866072	.4456845	.6286497	10.26765	.1435002
#1	.0010274	.0004606	619.6109	.0270360	.0536907	.0315132	32.30658
#2	.0010775	.0006913	617.4146	.0270898	.0532418	.0256685	32.26524
#3	.0012388	.0008030	616.1075	.0272671	.0539017	.0283231	32.21416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.381965	96.55666	.0463672	-.003416	1.906436	.0415836	.0830394
Stddev	.003274	.30337	.0003498	.001249	.390766	.0025845	.0034579
%RSD	.2369175	.3141876	.7543974	36.56891	20.49722	6.215238	4.164215
#1	1.378727	96.21000	.0467086	-.003551	1.762210	.0436062	.0802970
#2	1.385274	96.77366	.0463833	-.002104	2.348816	.0424727	.0869239
#3	1.381895	96.68631	.0460096	-.004591	1.608282	.0386719	.0818973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.07232	.8801039	-.002965	.0072201	6.775738	2.236304	.0087582
Stddev	.19138	.0028042	.000759	.0001103	.030613	.028317	.0004644
%RSD	9.235320	.3186193	25.59577	1.527994	.4518034	1.266236	5.302188
#1	-2.28442	.8769159	-.002089	.0073405	6.746177	2.205138	.0083903
#2	-2.02001	.8812070	-.003414	.0071238	6.773732	2.260452	.0092800
#3	-1.91252	.8821888	-.003393	.0071961	6.807304	2.243321	.0086042

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-08DLX2 Acquired: 12/13/2024 14:16:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3967174	.5432156	-.000594
Stddev	.0035408	.0023558	.003412
%RSD	.8925246	.4336789	574.8337
#1	.3934867	.5405672	-.004046
#2	.3961627	.5440023	-.000512
#3	.4005028	.5450775	.002777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.666	25612.22	2315.389	1863.677	2818.283
Stddev	4.311	92.75	14.756	7.950	2.506
%RSD	.1861575	.3621197	.6372864	.4265957	.0889173
#1	2310.751	25505.48	2332.190	1855.241	2815.424
#2	2317.443	25673.13	2304.536	1871.031	2820.099
#3	2318.804	25658.04	2309.440	1864.760	2819.326

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-09DLX2 Acquired: 12/13/2024 14:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771557	.0259619	.0323999	-.038265	-.008515	9.784698	.0492768
Stddev	.0020516	.0014802	.0010929	.002304	.004049	.019614	.0007261
%RSD	2.658985	5.701294	3.373210	6.020155	47.55033	.2004535	1.473434
#1	.0751255	.0245953	.0336611	-.039312	-.008610	9.807332	.0500983
#2	.0792280	.0257562	.0318099	-.035624	-.004419	9.772690	.0487212
#3	.0771138	.0275341	.0317289	-.039860	-.012515	9.774073	.0490108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010264	.0005491	614.4584	.0268152	.0534151	.0315050	32.05268
Stddev	.0000518	.0001195	.8765	.0004529	.0008646	.0025000	.13625
%RSD	5.043667	21.75463	.1426380	1.688968	1.618668	7.935127	.4250864
#1	.0010861	.0004149	615.4703	.0265674	.0535019	.0343910	32.16265
#2	.0009946	.0006439	613.9377	.0273379	.0542331	.0300095	31.90026
#3	.0009984	.0005886	613.9673	.0265402	.0525104	.0301144	32.09515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374130	95.08181	.0464416	-.003276	2.502885	.0346578	.0944843
Stddev	.003139	.36097	.0005278	.001706	.477842	.0098093	.0064004
%RSD	.2284092	.3796440	1.136519	52.09198	19.09164	28.30338	6.773994
#1	1.377691	95.49689	.0467202	-.002032	2.339222	.0298955	.0898639
#2	1.371766	94.84138	.0458329	-.002574	3.041053	.0459392	.0917990
#3	1.372932	94.90715	.0467718	-.005221	2.128379	.0281388	.1017898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.02336	.8642001	-.003139	.0070260	6.664110	2.153544	.0081204
Stddev	.05423	.0035898	.001784	.0001352	.011354	.009657	.0005503
%RSD	2.680186	.4153901	56.83750	1.924753	.1703736	.4484023	6.776912
#1	-1.96104	.8624561	-.002124	.0071794	6.673470	2.150541	.0087038
#2	-2.04921	.8618156	-.005199	.0069240	6.651480	2.164345	.0080470
#3	-2.05983	.8683287	-.002094	.0069746	6.667381	2.145745	.0076105

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-09DLX2 Acquired: 12/13/2024 14:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3871567	.5387951	.0033242
Stddev	.0013605	.0014448	.0022781
%RSD	.3514172	.2681496	68.52916
#1	.3880588	.5403855	.0009204
#2	.3878195	.5375636	.0036010
#3	.3855918	.5384361	.0054512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.869	25525.61	2318.365	1862.789	2834.148
Stddev	2.721	106.23	14.410	9.217	4.303
%RSD	.1177629	.4161886	.6215472	.4948062	.1518373
#1	2311.965	25553.59	2309.200	1866.757	2834.975
#2	2312.871	25408.18	2310.921	1852.252	2837.978
#3	2307.770	25615.05	2334.974	1869.358	2829.491

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-08LDLX10 Acquired: 12/13/2024 14:24:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131955	.0170799	.0104596	-.021526	-.004826	2.009906	.0113304
Stddev	.0035438	.0015440	.0013396	.004316	.002484	.010132	.0008909
%RSD	26.85610	9.039569	12.80733	20.04939	51.47178	.5041121	7.862801
#1	.0169739	.0182522	.0105026	-.026510	-.004643	2.011102	.0104568
#2	.0126666	.0176569	.0117771	-.018976	-.007396	2.019386	.0122376
#3	.0099458	.0153305	.0090989	-.019093	-.002438	1.999228	.0112969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002502	.0001363	126.1804	.0053189	.0286409	.0045750	6.784619
Stddev	.0000870	.0001132	.4203	.0007937	.0002541	.0058029	.046998
%RSD	34.77773	83.02360	.3331152	14.92184	.8872630	126.8398	.6927137
#1	.0002291	.0001225	126.5811	.0044218	.0289211	.0004361	6.837612
#2	.0001757	.0002558	125.7429	.0056049	.0285763	.0020809	6.768255
#3	.0003459	.0000307	126.2173	.0059299	.0284254	.0112079	6.747991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889153	19.94959	.0079831	-.000002	2.498912	.0088786	.0261381
Stddev	.0038530	.22487	.0001148	.000707	.189960	.0020265	.0067666
%RSD	1.333594	1.127180	1.438046	41891.60	7.601711	22.82443	25.88801
#1	.2925010	20.13214	.0078508	-.000794	2.384586	.0096132	.0272836
#2	.2848416	19.69840	.0080561	.000224	2.393958	.0065873	.0322588
#3	.2894035	20.01822	.0080424	.000565	2.718192	.0104354	.0188718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.701339	.1617173	-.008865	.0018764	1.255046	.4308936	.0011218
Stddev	.130869	.0024595	.001529	.0000801	.003001	.0023889	.0003420
%RSD	18.65987	1.520852	17.25286	4.270267	.2390995	.5544072	30.49197
#1	-.603611	.1637569	-.007404	.0019049	1.258322	.4335812	.0007549
#2	-.850021	.1589860	-.010455	.0017859	1.254386	.4300882	.0011785
#3	-.650385	.1624088	-.008737	.0019383	1.252430	.4290116	.0014319

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-08LDLX10 Acquired: 12/13/2024 14:24:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0768611	.1102401	-.036431
Stddev	.0031262	.0004021	.000657
%RSD	4.067331	.3647467	1.802789
#1	.0775998	.1107015	-.037182
#2	.0734318	.1099650	-.035963
#3	.0795519	.1100536	-.036148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.847	25953.73	2308.127	1908.833	3098.411
Stddev	5.180	36.17	10.060	7.711	3.130
%RSD	.2196004	.1393506	.4358463	.4039544	.1010148
#1	2357.776	25990.74	2299.741	1914.862	3097.217
#2	2364.478	25951.97	2319.281	1900.145	3101.962
#3	2354.285	25918.47	2305.359	1911.493	3096.053

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-10DLX2 Acquired: 12/13/2024 14:28:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164446	.0762637	.0506031	.0500173	.0781496	11.54945	2.008972
Stddev	.0029385	.0017427	.0003512	.0043112	.0019841	.02315	.005921
%RSD	2.523479	2.285035	.6939689	8.619366	2.538825	.2004190	.2947361
#1	.1130807	.0781463	.0508252	.0540721	.0797727	11.52348	2.006214
#2	.1185108	.0759375	.0501983	.0504909	.0787383	11.56792	2.015769
#3	.1177423	.0747071	.0507858	.0454889	.0759378	11.55694	2.004933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498160	.0479962	604.8237	.2291961	.5206578	.2599428	32.58963
Stddev	.0002661	.0000504	.9788	.0013052	.0004554	.0067962	.12705
%RSD	.5342695	.1049951	.1618244	.5694528	.0874730	2.614496	.3898610
#1	.0499231	.0479615	604.6482	.2306218	.5211726	.2575903	32.59316
#2	.0500119	.0480540	605.8784	.2289064	.5204933	.2546354	32.71489
#3	.0495130	.0479732	603.9447	.2280601	.5203074	.2676027	32.46085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.842680	93.74917	.5262088	.0373484	1.900902	.5440144	.5163453
Stddev	.003215	.38440	.0012565	.0002945	.600165	.0062975	.0052401
%RSD	.1744769	.4100332	.2387876	.7885087	31.57263	1.157604	1.014850
#1	1.841528	93.64994	.5269938	.0376094	1.208880	.5508999	.5203397
#2	1.846313	94.17345	.5268730	.0374068	2.214862	.5385465	.5182842
#3	1.840201	93.42411	.5247596	.0370291	2.278963	.5425968	.5104120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.26808	.8387321	-.005118	.0067320	6.454861	2.162972	.0087402
Stddev	.10056	.0005587	.001035	.0001446	.008450	.010304	.0013376
%RSD	4.433837	.0666159	20.21290	2.147475	.1309110	.4763653	15.30379
#1	-2.25005	.8383552	-.006145	.0065750	6.462067	2.159968	.0095569
#2	-2.37644	.8393740	-.004076	.0067615	6.445561	2.174444	.0094671
#3	-2.17776	.8384671	-.005133	.0068596	6.456956	2.154504	.0071966

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-10DLX2 Acquired: 12/13/2024 14:28:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3821561	.5254286	-.004824
Stddev	.0058339	.0012384	.005308
%RSD	1.526567	.2357006	110.0229
#1	.3875595	.5240676	-.009922
#2	.3829380	.5264891	-.005221
#3	.3759707	.5257292	.000671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.805	25529.40	2308.033	1861.540	2823.382
Stddev	4.721	41.63	11.297	7.445	7.224
%RSD	.2059978	.1630667	.4894486	.3999475	.2558601
#1	2287.244	25571.33	2309.573	1858.710	2819.262
#2	2291.500	25488.07	2296.045	1869.985	2819.160
#3	2296.672	25528.79	2318.480	1855.925	2831.723

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-11DLX2 Acquired: 12/13/2024 14:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085282	.0274606	.0327110	-.039844	-.004163	8.220543	.0495964
Stddev	.0043875	.0019574	.0003455	.003973	.002525	.040516	.0011315
%RSD	51.44750	7.128135	1.056183	9.970837	60.65472	.4928602	2.281365
#1	.0102375	.0295351	.0330897	-.042797	-.004572	8.256545	.0505608
#2	.0035432	.0272005	.0326301	-.035327	-.001459	8.228417	.0498775
#3	.0118037	.0256463	.0324131	-.041408	-.006459	8.176669	.0483509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008811	.0008059	757.5884	.0240410	.0515609	.0303164	34.90334
Stddev	.0001038	.0000891	3.8029	.0005485	.0002620	.0076913	.28188
%RSD	11.77649	11.05827	.5019802	2.281483	.5081644	25.36997	.8075979
#1	.0008561	.0008885	761.9671	.0246715	.0517304	.0330966	35.22489
#2	.0007921	.0007114	755.1114	.0236739	.0512591	.0216216	34.78627
#3	.0009950	.0008176	755.6867	.0237777	.0516932	.0362309	34.69887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.471941	231.2073	.0384943	-.003367	2.560393	.0269118	.0629267
Stddev	.019743	.9900	.0002335	.000508	.974839	.0120948	.0042167
%RSD	.7986641	.4281771	.6065543	15.09202	38.07380	44.94246	6.700939
#1	2.494737	232.2642	.0382589	-.003950	3.358981	.0394697	.0629442
#2	2.460639	231.0560	.0387258	-.003012	1.474074	.0153405	.0671347
#3	2.460446	230.3017	.0384981	-.003141	2.848125	.0259251	.0587013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.09726	1.006069	.0063602	.0038518	1.759891	1.896108	.0091926
Stddev	.09628	.007610	.0032609	.0007605	.006963	.020992	.0016372
%RSD	4.590553	.7564432	51.27067	19.74495	.3956363	1.107100	17.80961
#1	-2.00708	.999819	.0101082	.0033155	1.751853	1.919554	.0109266
#2	-2.08604	1.003844	.0041737	.0035177	1.763767	1.879059	.0089778
#3	-2.19865	1.014544	.0047986	.0047222	1.764054	1.889712	.0076735

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-11DLX2 Acquired: 12/13/2024 14:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2076161	.4704281	.0083621
Stddev	.0042742	.0024855	.0056525
%RSD	2.058711	.5283505	67.59705
#1	.2054987	.4730635	.0033834
#2	.2048139	.4681261	.0145067
#3	.2125357	.4700948	.0071962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.467	24938.20	2264.346	1796.811	2666.763
Stddev	3.902	96.16	16.737	7.090	3.263
%RSD	.1743027	.3856071	.7391459	.3946146	.1223428
#1	2240.882	24993.66	2247.604	1793.079	2669.389
#2	2233.965	24827.16	2264.356	1792.366	2663.110
#3	2240.553	24993.79	2281.078	1804.988	2667.790

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-12DLX2 Acquired: 12/13/2024 14:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188990	.0247484	.0382740	-.034207	-.003539	11.24867	.0485855
Stddev	.0028985	.0019090	.0013775	.004016	.001171	.03721	.0006484
%RSD	15.33705	7.713597	3.598935	11.73910	33.09388	.3308230	1.334522
#1	.0164782	.0233208	.0396436	-.030637	-.003172	11.21503	.0478949
#2	.0181077	.0240076	.0382897	-.033431	-.004849	11.28864	.0486806
#3	.0221109	.0269167	.0368888	-.038555	-.002595	11.24234	.0491811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013886	.0008683	575.2010	.0404995	.0558820	.0334981	48.24217
Stddev	.0001432	.0001106	1.7532	.0005453	.0005259	.0010909	.12508
%RSD	10.30954	12.74147	.3047990	1.346391	.9410818	3.256559	.2592737
#1	.0012781	.0008694	574.7315	.0400661	.0561304	.0326692	48.16721
#2	.0013375	.0007571	577.1411	.0411118	.0562376	.0330912	48.38656
#3	.0015504	.0009784	573.7303	.0403208	.0552779	.0347340	48.17273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.299820	132.6021	.0625653	-.004886	2.583062	.0537913	.0999537
Stddev	.001347	.3010	.0002231	.001409	.708938	.0052986	.0029147
%RSD	.1036043	.2269727	.3565479	28.82952	27.44566	9.850205	2.916067
#1	1.301119	132.3993	.0624499	-.005712	2.977111	.0545141	.1021181
#2	1.299911	132.9479	.0624237	-.003260	1.764637	.0586914	.1011035
#3	1.298430	132.4592	.0628225	-.005687	3.007437	.0481685	.0966394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.96843	1.371671	.0013914	.0037426	.6036114	1.797932	.0092835
Stddev	.20500	.001936	.0019935	.0006092	.0078663	.010962	.0013729
%RSD	10.41447	.1411062	143.2786	16.27685	1.303212	.6097180	14.78899
#1	-2.06195	1.372388	.0036768	.0041087	.5955090	1.801049	.0077478
#2	-1.73335	1.373146	.0000110	.0040798	.6112182	1.806999	.0097104
#3	-2.10999	1.369479	.0004862	.0030394	.6041070	1.785749	.0103923

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-12DLX2 Acquired: 12/13/2024 14:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4523248	.3747319	.0056627
Stddev	.0022206	.0012279	.0049350
%RSD	.4909246	.3276630	87.15068
#1	.4498008	.3738907	.0026908
#2	.4531959	.3741640	.0029377
#3	.4539778	.3761409	.0113594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.059	25506.64	2309.463	1852.254	2794.999
Stddev	1.061	51.79	9.380	7.387	3.398
%RSD	.0461034	.2030307	.4061539	.3988037	.1215698
#1	2300.472	25463.28	2308.914	1850.219	2791.131
#2	2302.284	25563.98	2300.369	1860.445	2797.506
#3	2300.422	25492.66	2319.105	1846.098	2796.358

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-13DLX2 Acquired: 12/13/2024 14:39:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114809	.0243317	.0309435	-.036645	-.005688	6.418380	.0357136
Stddev	.0010403	.0018890	.0014920	.001162	.003824	.021995	.0000735
%RSD	9.060772	7.763612	4.821549	3.170454	67.22948	.3426851	.2059129
#1	.0123913	.0243708	.0296702	-.036553	-.009953	6.434252	.0357709
#2	.0117043	.0262008	.0305753	-.037851	-.004545	6.393273	.0357392
#3	.0103471	.0224234	.0325851	-.035533	-.002566	6.427614	.0356307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008502	.0005708	499.3104	.0183341	.0452591	.0263491	25.75451
Stddev	.0000503	.0000670	2.0839	.0003681	.0008555	.0021670	.19539
%RSD	5.920781	11.73090	.4173626	2.007930	1.890257	8.224174	.7586816
#1	.0007935	.0004978	501.7157	.0183737	.0459629	.0262370	25.95670
#2	.0008673	.0006294	498.1676	.0179477	.0455074	.0285700	25.74010
#3	.0008897	.0005852	498.0479	.0186808	.0443069	.0242404	25.56671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.550509	136.6648	.0312667	-.002429	2.048268	.0259579	.0614416
Stddev	.010243	.9378	.0007637	.001026	.835525	.0087143	.0085246
%RSD	.6606395	.6861890	2.442654	42.23523	40.79177	33.57088	13.87441
#1	1.561480	137.7410	.0315946	-.003541	3.012477	.0348308	.0516107
#2	1.548852	136.2301	.0318117	-.002225	1.537396	.0174113	.0659271
#3	1.541195	136.0233	.0303938	-.001520	1.594932	.0256316	.0667869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.15673	.7512583	.0063598	.0023305	.5390219	1.428579	.0065594
Stddev	.11455	.0047431	.0031927	.0002845	.0018969	.014940	.0001361
%RSD	5.311196	.6313482	50.20053	12.20630	.3519213	1.045823	2.074937
#1	-2.03496	.7459572	.0074275	.0024325	.5401067	1.445696	.0064125
#2	-2.26235	.7551006	.0088818	.0020091	.5401274	1.421880	.0065844
#3	-2.17288	.7527170	.0027701	.0025499	.5368315	1.418160	.0066812

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-13DLX2 Acquired: 12/13/2024 14:39:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1842792	.4008843	-.002216
Stddev	.0040404	.0018726	.003776
%RSD	2.192521	.4671247	170.4354
#1	.1854229	.4029140	-.003759
#2	.1876244	.4005151	-.004976
#3	.1797902	.3992237	.002088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.740	25669.80	2342.375	1863.067	2828.690
Stddev	9.401	47.96	16.068	9.362	8.949
%RSD	.4051007	.1868221	.6859809	.5024994	.3163685
#1	2327.206	25724.90	2326.930	1873.504	2833.650
#2	2325.059	25637.46	2341.193	1855.409	2834.062
#3	2309.955	25647.05	2359.001	1860.290	2818.360

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-14DLX2 Acquired: 12/13/2024 14:43:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167227	.0294232	.0381796	-.034905	-.001462	11.38037	.0541580
Stddev	.0030868	.0026260	.0008322	.005719	.001432	.07709	.0006266
%RSD	18.45850	8.924887	2.179777	16.38512	97.95822	.6774076	1.156886
#1	.0179360	.0304780	.0383074	-.030745	-.001340	11.35485	.0547457
#2	.0190184	.0264338	.0389405	-.041427	-.002950	11.31927	.0534987
#3	.0132136	.0313577	.0372908	-.032543	-.000095	11.46698	.0542297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013163	.0006777	640.0508	.0386425	.0537325	.0320144	40.37883
Stddev	.0002384	.0000816	1.1502	.0004000	.0000686	.0085950	.11212
%RSD	18.10947	12.04429	.1797087	1.035232	.1276997	26.84717	.2776746
#1	.0013735	.0006236	641.3784	.0382345	.0536655	.0356261	40.49894
#2	.0010545	.0007716	639.4205	.0386590	.0537293	.0222029	40.36062
#3	.0015208	.0006379	639.3536	.0390341	.0538026	.0382142	40.27693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.510437	105.9647	.0533270	-.004306	2.027300	.0483557	.1184442
Stddev	.001553	.3612	.0004785	.001493	.669220	.0085283	.0010390
%RSD	.1028441	.3409015	.8972753	34.67760	33.01041	17.63663	.8771623
#1	1.509486	105.5476	.0536182	-.005260	1.332710	.0579279	.1172827
#2	1.512230	106.1773	.0527748	-.005073	2.667876	.0455726	.1187648
#3	1.509596	106.1693	.0535881	-.002585	2.081314	.0415667	.1192851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.77318	1.193661	-.001856	.0014121	2.092742	3.095237	.0098180
Stddev	.08035	.002938	.001627	.0007265	.009014	.035524	.0011275
%RSD	4.531445	.2461651	87.66537	51.44613	.4307295	1.147714	11.48449
#1	-1.82115	1.190476	-.000738	.0021174	2.101268	3.054789	.0086032
#2	-1.68042	1.194240	-.001108	.0014528	2.083308	3.109547	.0108310
#3	-1.81797	1.196267	-.003723	.0006661	2.093649	3.121375	.0100197

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-14DLX2 Acquired: 12/13/2024 14:43:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5055650	.4419070	.0027381
Stddev	.0103436	.0006425	.0039974
%RSD	2.045942	.1453861	145.9927
#1	.5143451	.4411732	.0055075
#2	.5081872	.4421798	-.001845
#3	.4941627	.4423681	.004551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.428	25495.74	2334.810	1858.927	2785.142
Stddev	2.285	26.46	1.927	4.542	5.134
%RSD	.0992476	.1037862	.0825404	.2443520	.1843312
#1	2300.787	25475.64	2336.986	1857.000	2784.490
#2	2305.038	25485.87	2334.126	1855.666	2790.571
#3	2301.459	25525.72	2333.318	1864.115	2780.365

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-15DLX2 Acquired: 12/13/2024 14:47:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527370	.0225593	.0421047	-.035860	-.001199	9.873962	.0532967
Stddev	.0002316	.0038311	.0016838	.002144	.001736	.020650	.0005288
%RSD	.4392647	16.98219	3.999126	5.978756	144.7536	.2091318	.9920843
#1	.0524894	.0181482	.0410043	-.038275	.000657	9.896573	.0535765
#2	.0527731	.0250541	.0412667	-.034182	-.002783	9.856101	.0526869
#3	.0529484	.0244757	.0440431	-.035122	-.001471	9.869214	.0536268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015956	.0009112	513.2995	.0259717	.0576167	.0451198	46.16695
Stddev	.0000240	.0000930	1.9114	.0009803	.0002034	.0043116	.25761
%RSD	1.502854	10.20352	.3723710	3.774534	.3530515	9.555974	.5580007
#1	.0015834	.0009868	515.4954	.0251014	.0575789	.0430712	46.45279
#2	.0015802	.0008074	512.0101	.0257799	.0578364	.0422144	46.09535
#3	.0016233	.0009394	512.3928	.0270337	.0574349	.0500738	45.95271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.309381	102.4761	.0647897	-.004128	2.273350	.0675717	.1086212
Stddev	.007520	.3505	.0007001	.000231	.462584	.0082698	.0065277
%RSD	.5742978	.3420481	1.080584	5.596628	20.34813	12.23861	6.009553
#1	1.318059	102.8627	.0644225	-.003863	1.809905	.0705859	.1072241
#2	1.304791	102.3866	.0643496	-.004288	2.275078	.0739116	.1029052
#3	1.305293	102.1790	.0655970	-.004233	2.735068	.0582175	.1157343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.03626	.9106752	-.003683	.0069874	5.456206	2.338913	.0082466
Stddev	.08258	.0011805	.001098	.0006922	.022376	.012491	.0011225
%RSD	4.055276	.1296336	29.81412	9.906161	.4101070	.5340547	13.61136
#1	-2.12520	.9115565	-.003861	.0077391	5.470740	2.353067	.0072139
#2	-2.02157	.9093339	-.004681	.0068467	5.430439	2.329433	.0094412
#3	-1.96201	.9111353	-.002507	.0063763	5.467440	2.334237	.0080846

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-15DLX2 Acquired: 12/13/2024 14:47:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4524635	.4408509	-.006553
Stddev	.0067796	.0024918	.006123
%RSD	1.498370	.5652236	93.44476
#1	.4590895	.4437277	-.000695
#2	.4527610	.4394570	-.006052
#3	.4455401	.4393680	-.012911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.106	25739.74	2330.451	1872.882	2826.984
Stddev	4.433	97.28	6.692	3.972	4.082
%RSD	.1919839	.3779298	.2871468	.2120931	.1443844
#1	2305.284	25840.43	2323.161	1875.299	2823.199
#2	2308.069	25646.28	2336.314	1875.050	2831.309
#3	2313.966	25732.49	2331.880	1868.298	2826.445

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-16DLX2 Acquired: 12/13/2024 14:51:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189553	.0242091	.0321744	-.039122	-.006387	7.692188	.0493907
Stddev	.0042631	.0013193	.0009226	.001775	.002004	.090643	.0010190
%RSD	22.49003	5.449450	2.867587	4.536729	31.37895	1.178375	2.063187
#1	.0228770	.0248805	.0311641	-.041166	-.005672	7.757005	.0502323
#2	.0144179	.0250576	.0329722	-.038225	-.008650	7.588609	.0482577
#3	.0195710	.0226892	.0323870	-.037974	-.004838	7.730950	.0496820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010481	.0005435	437.6197	.0205295	.0475433	.0328097	30.64942
Stddev	.0001455	.0000567	5.0847	.0006393	.0002632	.0035124	.37906
%RSD	13.88686	10.43183	1.161899	3.114130	.5535760	10.70552	1.236753
#1	.0010296	.0006049	442.4081	.0201937	.0474602	.0287620	31.02060
#2	.0009127	.0005323	432.2831	.0201280	.0478380	.0346119	30.26295
#3	.0012020	.0004932	438.1677	.0212667	.0473317	.0350553	30.66471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042680	102.6314	.0400235	-.003047	1.661228	.0341700	.0769561
Stddev	.006236	1.1470	.0008628	.000539	.444398	.0096597	.0033059
%RSD	.5980459	1.117617	2.155606	17.69778	26.75121	28.26958	4.295868
#1	1.049548	103.5500	.0397954	-.003363	1.595119	.0235576	.0737698
#2	1.037373	101.3458	.0409773	-.002424	2.134977	.0424499	.0767286
#3	1.041118	102.9985	.0392976	-.003353	1.253587	.0365024	.0803699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.44545	.7971072	-.002123	.0037208	.4889631	1.488945	.0078993
Stddev	.10542	.0012846	.001748	.0003183	.0063547	.019157	.0015693
%RSD	4.310777	.1611633	82.36291	8.553586	1.299625	1.286585	19.86655
#1	-2.36922	.7968594	-.003568	.0039619	.4831505	1.507439	.0096392
#2	-2.56575	.7959645	-.000180	.0033600	.4879910	1.469188	.0074677
#3	-2.40137	.7984977	-.002620	.0038404	.4957478	1.490209	.0065909

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-16DLX2 Acquired: 12/13/2024 14:51:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2634164	.3491803	-.009297
Stddev	.0019715	.0031490	.004302
%RSD	.7484513	.9018116	46.26733
#1	.2616015	.3519294	-.010129
#2	.2631336	.3457448	-.004641
#3	.2655140	.3498669	-.013123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.437	25797.57	2327.688	1870.081	2867.379
Stddev	4.702	12.51	29.616	3.141	4.646
%RSD	.2022847	.0484984	1.272326	.1679731	.1620157
#1	2320.251	25811.89	2299.213	1872.781	2863.045
#2	2323.536	25788.79	2358.326	1866.633	2866.809
#3	2329.525	25792.02	2325.526	1870.829	2872.284

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-17DLX2 Acquired: 12/13/2024 14:55:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184531	.0226001	.0319801	-.034399	-.005274	6.708565	.0471278
Stddev	.0030853	.0031753	.0011189	.002236	.001293	.013957	.0006899
%RSD	16.71980	14.04984	3.498734	6.499206	24.51302	.2080455	1.463970
#1	.0217839	.0238401	.0307123	-.035466	-.004376	6.704934	.0470481
#2	.0156929	.0249683	.0328294	-.035901	-.004691	6.696782	.0478541
#3	.0178825	.0189920	.0323985	-.031830	-.006756	6.723978	.0464811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010110	.0005315	435.9201	.0182291	.0462706	.0247324	29.87933
Stddev	.0000463	.0000822	1.0206	.0015010	.0004107	.0050354	.05515
%RSD	4.583144	15.45973	.2341364	8.234258	.8875410	20.35937	.1845806
#1	.0009735	.0005581	434.7495	.0166317	.0466273	.0220108	29.82810
#2	.0009969	.0005971	436.6237	.0196103	.0463629	.0305428	29.93770
#3	.0010628	.0004393	436.3870	.0184452	.0458216	.0216435	29.87219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9272842	124.0904	.0365416	-.003479	2.405587	.0311140	.0669354
Stddev	.0004847	.3349	.0006020	.001138	.632019	.0026358	.0025138
%RSD	.0522665	.2698535	1.647526	32.70846	26.27296	8.471543	3.755553
#1	.9277500	123.7105	.0371179	-.002847	2.953113	.0280797	.0640373
#2	.9273199	124.2181	.0365900	-.002798	2.549687	.0328370	.0682440
#3	.9267826	124.3426	.0359168	-.004793	1.713961	.0324252	.0685250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.83120	.7149780	-.000876	.0034673	.4671884	1.916343	.0088354
Stddev	.10225	.0027271	.001190	.0007018	.0049495	.006746	.0011115
%RSD	5.583575	.3814259	135.8801	20.23956	1.059420	.3520370	12.57975
#1	-1.75438	.7120285	-.002250	.0030817	.4724840	1.919833	.0096622
#2	-1.79198	.7174079	-.000240	.0042774	.4664021	1.908567	.0075719
#3	-1.94725	.7154976	-.000139	.0030429	.4626792	1.920630	.0092722

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-17DLX2 Acquired: 12/13/2024 14:55:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2955867	.2984984	-.005830
Stddev	.0020326	.0008231	.002473
%RSD	.6876364	.2757428	42.41590
#1	.2970465	.2980043	-.003169
#2	.2964484	.2980424	-.006264
#3	.2932653	.2994486	-.008057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.804	25421.05	2294.157	1845.503	2827.057
Stddev	5.754	42.22	5.453	7.697	8.895
%RSD	.2505050	.1661019	.2376906	.4170922	.3146237
#1	2292.382	25464.46	2292.126	1853.542	2821.678
#2	2303.309	25418.57	2300.333	1838.200	2837.324
#3	2294.720	25380.12	2290.010	1844.767	2822.169

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-18DLX2 Acquired: 12/13/2024 14:59:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130879	.0240918	.0410852	-.030563	-.005995	10.60076	.0506487
Stddev	.0021151	.0015478	.0017331	.004753	.001890	.03022	.0008296
%RSD	16.16104	6.424803	4.218365	15.55113	31.51904	.2850572	1.637869
#1	.0106470	.0256984	.0424911	-.028959	-.007185	10.56596	.0516013
#2	.0143824	.0226103	.0391488	-.026819	-.006984	10.62042	.0502601
#3	.0142342	.0239667	.0416156	-.035910	-.003816	10.61590	.0500848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012797	.0008356	566.4273	.0313114	.0520927	.0460509	37.88715
Stddev	.0000291	.0000103	1.5146	.0008142	.0004427	.0013120	.08356
%RSD	2.269995	1.228434	.2673935	2.600287	.8497702	2.849119	.2205447
#1	.0012464	.0008444	565.7515	.0309359	.0518550	.0450242	37.88493
#2	.0012998	.0008379	568.1621	.0322456	.0518196	.0475290	37.97179
#3	.0012928	.0008243	565.3682	.0307528	.0526034	.0455994	37.80472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129385	128.7065	.0600191	-.005428	1.501755	.0406109	.1172274
Stddev	.008322	.4481	.0007846	.000722	.488348	.0077605	.0075311
%RSD	.7368916	.3481588	1.307208	13.31092	32.51846	19.10938	6.424347
#1	1.124576	128.4804	.0592842	-.006007	1.792396	.0430052	.1085689
#2	1.138995	129.2226	.0599278	-.004618	1.774919	.0319354	.1208569
#3	1.124584	128.4166	.0608453	-.005657	.937950	.0468922	.1222566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.69480	1.573609	-.000360	.0035414	.8131618	2.392058	.0085297
Stddev	.04827	.005440	.000447	.0000824	.0035104	.017425	.0018343
%RSD	2.848398	.3456848	124.1152	2.327072	.4316989	.7284464	21.50491
#1	-1.74057	1.567555	.000017	.0034548	.8092042	2.373078	.0069862
#2	-1.64436	1.575183	-.000854	.0036189	.8158998	2.407332	.0105576
#3	-1.69947	1.578087	-.000243	.0035504	.8143813	2.395763	.0080454

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-18DLX2 Acquired: 12/13/2024 14:59:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3666141	.4280895	.0049120
Stddev	.0019766	.0020853	.0012818
%RSD	.5391508	.4871120	26.09532
#1	.3644962	.4258407	.0044792
#2	.3684098	.4299592	.0063542
#3	.3669363	.4284687	.0039026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.545	25907.67	2358.684	1886.562	2807.650
Stddev	.991	76.76	17.289	10.436	6.337
%RSD	.0423429	.2962656	.7330112	.5531730	.2256955
#1	2340.224	25914.43	2376.658	1879.986	2813.360
#2	2340.002	25827.76	2342.172	1881.104	2808.759
#3	2338.408	25980.83	2357.221	1898.595	2800.832

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-19DLX2 Acquired: 12/13/2024 15:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079428	.0228944	.0327258	-.031042	-.001770	10.87437	.0589973
Stddev	.0036728	.0038402	.0016967	.003803	.000077	.02157	.0013140
%RSD	46.24000	16.77343	5.184748	12.25116	4.357313	.1983497	2.227191
#1	.0120892	.0185083	.0345629	-.028979	-.001739	10.86354	.0582284
#2	.0050983	.0245233	.0312175	-.035431	-.001714	10.89921	.0605145
#3	.0066410	.0256516	.0323971	-.028716	-.001858	10.86036	.0582490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011766	.0005340	440.4468	.0280604	.0534998	.0222132	40.99614
Stddev	.0000978	.0000305	.7373	.0004745	.0003429	.0047716	.12778
%RSD	8.309219	5.716063	.1674038	1.690916	.6409647	21.48088	.3116799
#1	.0012729	.0005329	439.7371	.0277677	.0531272	.0275987	40.84997
#2	.0010774	.0005041	441.2090	.0286079	.0535698	.0185129	41.08661
#3	.0011795	.0005651	440.3945	.0278057	.0538023	.0205281	41.05185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125505	86.43481	.0477455	-.004438	2.030719	.0425703	.0930566
Stddev	.004268	.21766	.0005025	.000219	.170379	.0108207	.0065738
%RSD	.3791837	.2518240	1.052542	4.938077	8.390088	25.41835	7.064263
#1	1.124361	86.20689	.0481570	-.004678	2.087744	.0537494	.0904443
#2	1.130229	86.45703	.0471854	-.004249	1.839142	.0418139	.0881904
#3	1.121927	86.64052	.0478941	-.004387	2.165272	.0321477	.1005349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.20240	1.173461	-.008503	.0026512	.7201396	2.167079	.0077064
Stddev	.14261	.002157	.003257	.0007969	.0098400	.010067	.0006205
%RSD	6.475329	.1837960	38.30481	30.05788	1.366400	.4645206	8.051706
#1	-2.29896	1.173380	-.005304	.0025944	.7164445	2.177068	.0081259
#2	-2.26964	1.171346	-.011816	.0018842	.7312923	2.167234	.0069936
#3	-2.03860	1.175657	-.008390	.0034749	.7126820	2.156936	.0079997

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-19DLX2 Acquired: 12/13/2024 15:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4198207	.3660749	-.002338
Stddev	.0035322	.0016156	.002916
%RSD	.8413629	.4413224	124.7323
#1	.4206199	.3646412	-.005309
#2	.4159573	.3657579	.000520
#3	.4228848	.3678254	-.002225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.624	25984.57	2351.892	1903.407	2889.873
Stddev	3.849	79.76	10.277	8.396	6.561
%RSD	.1636661	.3069549	.4369833	.4410988	.2270400
#1	2348.519	25964.80	2348.254	1899.681	2883.105
#2	2355.930	25916.56	2343.927	1897.518	2896.205
#3	2350.423	26072.36	2363.493	1913.021	2890.309

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-20DLX2 Acquired: 12/13/2024 15:07:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127113	.0275911	.0342882	-.037177	-.007606	8.698381	.0371943
Stddev	.0042769	.0049062	.0010413	.004390	.000808	.023827	.0009785
%RSD	33.64616	17.78196	3.036812	11.80825	10.62002	.2739259	2.630654
#1	.0081576	.0330044	.0335173	-.039456	-.008128	8.681669	.0382051
#2	.0133331	.0234375	.0354727	-.039958	-.006675	8.687810	.0371260
#3	.0166433	.0263314	.0338746	-.032116	-.008013	8.725665	.0362518

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009398	.0007211	586.5193	.0236631	.0524828	.0338992	32.48963
Stddev	.0000888	.0000551	1.0606	.0000976	.0002403	.0006016	.12476
%RSD	9.444111	7.638634	.1808319	.4126175	.4579253	1.774556	.3840024
#1	.0009224	.0006602	586.6652	.0236238	.0522571	.0343839	32.34565
#2	.0010360	.0007673	587.4994	.0235913	.0524558	.0332260	32.56576
#3	.0008611	.0007358	585.3933	.0237743	.0527355	.0340878	32.55749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.227925	142.1656	.0432864	-.002717	1.370047	.0397274	.0754564
Stddev	.003468	.3397	.0011694	.000825	.660024	.0072869	.0036931
%RSD	.2823926	.2389121	2.701595	30.38004	48.17527	18.34227	4.894352
#1	1.224001	141.9778	.0445779	-.002249	.948893	.0402800	.0778625
#2	1.230576	142.5577	.0422993	-.003670	1.030530	.0321800	.0712042
#3	1.229198	141.9613	.0429819	-.002232	2.130718	.0467223	.0773023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.93571	1.110054	.0017006	.0035090	.5667071	2.205335	.0073381
Stddev	.09348	.001711	.0007901	.0010753	.0056743	.003870	.0001417
%RSD	4.829224	.1541776	46.45827	30.64543	1.001280	.1754831	1.930864
#1	-1.85420	1.111900	.0009018	.0045474	.5686951	2.208954	.0072516
#2	-1.91518	1.108520	.0024817	.0035793	.5603063	2.205795	.0072610
#3	-2.03775	1.109743	.0017185	.0024002	.5711199	2.201255	.0075016

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-20DLX2 Acquired: 12/13/2024 15:07:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2927272	.4365598	-.000052
Stddev	.0012662	.0015010	.003315
%RSD	.4325615	.3438279	6433.527
#1	.2918254	.4355662	.001785
#2	.2941748	.4382865	-.003878
#3	.2921814	.4358266	.001938

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.293	25449.14	2312.381	1850.000	2787.438
Stddev	4.297	25.04	1.733	4.168	1.332
%RSD	.1876109	.0983835	.0749573	.2252916	.0477740
#1	2290.437	25454.67	2313.463	1854.317	2788.468
#2	2285.926	25421.79	2310.382	1849.685	2785.934
#3	2294.516	25470.94	2313.298	1845.999	2787.911

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV008 Acquired: 12/13/2024 15:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832434	4.835211	23.67267	4.613296	4.607277	376.3629	9.699976
Stddev	.013923	.014717	.02161	.007961	.009293	.5789	.011377
%RSD	.2881253	.3043751	.0912724	.1725683	.2017111	.1538094	.1172929
#1	4.816386	4.829859	23.67405	4.604391	4.612543	376.9062	9.712547
#2	4.841307	4.823920	23.65040	4.619724	4.596546	375.7540	9.690386
#3	4.839608	4.851856	23.69354	4.615772	4.612741	376.4286	9.696996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4755117	2.368083	387.9585	14.68204	2.356428	14.58705	386.6692
Stddev	.0013204	.002849	.9223	.02635	.002509	.04669	1.4768
%RSD	.2776852	.1203236	.2377363	.1794614	.1064633	.3200519	.3819229
#1	.4761577	2.367969	389.0083	14.67781	2.359304	14.60008	388.2148
#2	.4739927	2.365292	387.2783	14.71025	2.354691	14.53523	385.2726
#3	.4763848	2.370987	387.5888	14.65807	2.355288	14.62583	386.5202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43774	377.1037	2.398116	1.211351	378.0306	2.413966	13.90199
Stddev	.03927	1.2178	.001694	.000949	1.0084	.009919	.10853
%RSD	.2720269	.3229440	.0706454	.0783110	.2667450	.4108969	.7806819
#1	14.46603	378.0054	2.400070	1.211618	378.5477	2.421040	13.96411
#2	14.39290	375.7183	2.397065	1.210297	376.8685	2.402628	13.77667
#3	14.45430	377.5872	2.397212	1.212137	378.6755	2.418229	13.96519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.7481	4.744579	4.621142	4.580716	4.755141	4.685386	4.798433
Stddev	.5833	.005730	.004957	.003049	.010388	.005226	.005675
%RSD	.4057937	.1207717	.1072693	.0665665	.2184514	.1115459	.1182580
#1	144.3305	4.744865	4.626866	4.578752	4.745127	4.690942	4.804933
#2	143.1639	4.738711	4.618287	4.579168	4.754429	4.680569	4.795899
#3	143.7499	4.750161	4.618272	4.584229	4.765866	4.684646	4.794468

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV008 Acquired: 12/13/2024 15:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.878999	4.570867	4.874411
Stddev	.011671	.012690	.026360
%RSD	.2392050	.2776231	.5407899
#1	4.887904	4.578953	4.865840
#2	4.865786	4.556241	4.853403
#3	4.883306	4.577407	4.903990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.960	23792.11	2241.483	1635.787	2562.312
Stddev	3.285	54.47	12.386	12.751	6.126
%RSD	.1674207	.2289269	.5525603	.7794873	.2390757
#1	1958.176	23818.57	2238.075	1633.320	2555.863
#2	1964.085	23828.29	2255.216	1649.591	2568.053
#3	1963.618	23729.47	2231.158	1624.450	2563.021

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB008 Acquired: 12/13/2024 15:24:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012549	-.000223	.0072482	-.001176	.0051597	.0743604
Stddev	.0023877	.002230	.0015070	.006136	.0016319	.0360020
%RSD	190.2664	1001.247	20.79063	521.9016	31.62789	48.41547
#1	.0036223	.001862	.0089430	.005897	.0037576	.0851436
#2	.0012952	-.002574	.0060592	-.005082	.0069510	.0341991
#3	-.001153	.000044	.0067424	-.004342	.0047705	.1037386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034417	.0002209	.0005323	.0847939	.0047214	.0006758
Stddev	.0013515	.0000885	.0000723	.0214262	.0010869	.0001929
%RSD	39.26981	40.06897	13.58257	25.26850	23.02064	28.54859
#1	.0037537	.0001640	.0005433	.1051438	.0034683	.0004530
#2	.0019614	.0003228	.0005984	.0624333	.0052882	.0007841
#3	.0046099	.0001758	.0004551	.0868047	.0054078	.0007902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041507	.0713477	.0030163	.1516880	.0000081	-.000346
Stddev	.0056571	.0021885	.0006245	.0229099	.0003082	.000679
%RSD	136.2929	3.067420	20.70341	15.10332	3793.534	195.9562
#1	-.002250	.0688321	.0037325	.1548353	-.000192	.000192
#2	.006224	.0723963	.0025852	.1728616	-.000146	-.000122
#3	.008479	.0728146	.0027314	.1273672	.000363	-.001109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.325076	-.007286	.0100989	-.169086	.0002063	.0075800
Stddev	.959088	.006071	.0029224	.161148	.0021979	.0011106
%RSD	41.24972	83.32581	28.93773	95.30566	1065.372	14.65192
#1	3.366854	-.000277	.0067683	-.309859	.0027311	.0077351
#2	2.129570	-.010905	.0112943	.006686	-.000832	.0064000
#3	1.478805	-.010676	.0122340	-.204084	-.001280	.0086050

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB008 Acquired: 12/13/2024 15:24:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010885	-.001874	-.037754	.0031265	.0003509	.0007248
Stddev	.0002056	.002019	.000490	.0006828	.0029208	.0003489
%RSD	18.88571	107.7618	1.296819	21.84020	832.3456	48.13780
#1	.0008603	-.000022	-.037355	.0038998	.0027168	.0005244
#2	.0012592	-.001572	-.037607	.0028732	-.002914	.0005224
#3	.0011459	-.004027	-.038301	.0026065	.001250	.0011277

Elem	Li6707
Units	ppm
Avg	F -.022323
Stddev	.002922
%RSD	13.08829
#1	-.019196
#2	-.022790
#3	-.024983

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.836	26126.76	2304.102	1932.243	3222.572
Stddev	6.946	181.48	.746	14.654	6.552
%RSD	.2913820	.6946191	.0323885	.7583850	.2033206
#1	2376.321	26111.28	2304.893	1936.114	3217.126
#2	2385.166	25953.51	2303.411	1916.042	3220.746
#3	2390.021	26315.49	2304.003	1944.572	3229.843

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-21DLX2 Acquired: 12/13/2024 15:28:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151275	.0271677	.0376705	-.034871	-.003743	9.339418	.0441138
Stddev	.0011894	.0020979	.0033248	.000842	.000967	.022464	.0005166
%RSD	7.862424	7.721934	8.825923	2.414955	25.83026	.2405258	1.171081
#1	.0138487	.0266835	.0414956	-.035662	-.003039	9.358062	.0446135
#2	.0162007	.0294653	.0354741	-.034966	-.003345	9.314478	.0435818
#3	.0153331	.0253542	.0360418	-.033986	-.004845	9.345714	.0441463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013049	.0007038	562.1336	.0265154	.0537278	.0441575	36.27063
Stddev	.0000696	.0000558	1.6947	.0006024	.0007202	.0007313	.14871
%RSD	5.334021	7.927512	.3014742	2.271721	1.340493	1.656069	.4100067
#1	.0012253	.0007074	563.9288	.0267299	.0535230	.0444734	36.37846
#2	.0013543	.0006463	560.5616	.0269812	.0531321	.0433214	36.33246
#3	.0013352	.0007578	561.9105	.0258352	.0545282	.0446778	36.10098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.304850	127.1227	.0485383	-.003538	2.244361	.0407761	.0866877
Stddev	.002630	.3492	.0004295	.000995	.206690	.0066648	.0023154
%RSD	.2015293	.2746843	.8847999	28.11180	9.209321	16.34491	2.670928
#1	1.307885	127.5147	.0489845	-.002506	2.424974	.0433769	.0883264
#2	1.303410	127.0087	.0481279	-.003617	2.018943	.0457485	.0840389
#3	1.303255	126.8448	.0485024	-.004491	2.289165	.0332031	.0876978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.63052	1.031527	.0115127	.0060090	.6358630	1.866127	.0082737
Stddev	.03484	.001384	.0011769	.0006883	.0036089	.010316	.0013020
%RSD	2.136979	.1342163	10.22257	11.45415	.5675552	.5528169	15.73633
#1	-1.67066	1.033070	.0123541	.0068021	.6368325	1.874912	.0071903
#2	-1.60807	1.030393	.0120162	.0055682	.6318683	1.868701	.0079127
#3	-1.61284	1.031117	.0101678	.0056567	.6388880	1.854767	.0097181

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4976-21DLX2 Acquired: 12/13/2024 15:28:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3246161	.4309692	.0040971
Stddev	.0061067	.0001778	.0055567
%RSD	1.881204	.0412556	135.6272
#1	.3310391	.4309784	-.001832
#2	.3239249	.4307870	.009186
#3	.3188845	.4311423	.004937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.326	25660.90	2306.177	1869.633	2813.833
Stddev	8.049	77.80	8.420	1.641	7.448
%RSD	.3483828	.3032027	.3651026	.0877747	.2646986
#1	2317.902	25586.73	2300.862	1867.770	2822.283
#2	2311.201	25741.89	2301.784	1870.266	2808.223
#3	2301.876	25654.08	2315.884	1870.864	2810.991

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-01DLX2 Acquired: 12/13/2024 15:32:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118438	.0246431	.0295035	-.035636	-.005508	9.005872	.0421867
Stddev	.0006725	.0007439	.0017921	.002420	.003237	.018704	.0007155
%RSD	5.678467	3.018636	6.074329	6.790934	58.77586	.2076874	1.695967
#1	.0114774	.0252630	.0275789	-.038063	-.003017	9.024730	.0422184
#2	.0126200	.0238182	.0311243	-.035622	-.009168	8.987325	.0414559
#3	.0114340	.0248481	.0298072	-.033223	-.004340	9.005562	.0428857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009944	.0007233	572.8045	.0307929	.0493420	.0269066	32.09810
Stddev	.0001619	.0000190	1.6456	.0001617	.0004449	.0054173	.09269
%RSD	16.27867	2.626288	.2872821	.5249565	.9017291	20.13374	.2887619
#1	.0011423	.0007015	574.7028	.0309195	.0488594	.0325078	32.20493
#2	.0008214	.0007363	571.7828	.0306108	.0494305	.0216941	32.03904
#3	.0010195	.0007321	571.9278	.0308485	.0497360	.0265179	32.05034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125374	130.3002	.0426167	-.002838	2.241678	.0325942	.0836134
Stddev	.002692	.1857	.0005272	.000789	.147028	.0012692	.0042320
%RSD	.2391979	.1425207	1.237047	27.81065	6.558833	3.893844	5.061403
#1	1.127851	130.5006	.0430451	-.003745	2.075514	.0340497	.0832884
#2	1.122509	130.1339	.0420280	-.002465	2.294608	.0317185	.0879985
#3	1.125761	130.2661	.0427770	-.002305	2.354914	.0320144	.0795532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.80942	1.053792	.0049506	.0016973	.5547321	1.730350	.0282713
Stddev	.10296	.003944	.0017765	.0002365	.0025863	.008293	.0010681
%RSD	5.690011	.3742456	35.88378	13.93335	.4662213	.4792606	3.778108
#1	-1.69056	1.051065	.0051101	.0019682	.5542346	1.731539	.0294036
#2	-1.86655	1.051996	.0030998	.0015317	.5575310	1.721527	.0272817
#3	-1.87114	1.058314	.0066419	.0015921	.5524308	1.737984	.0281288

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-01DLX2 Acquired: 12/13/2024 15:32:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2414894	.5336422	.0125145
Stddev	.0023927	.0025694	.0048987
%RSD	.9907976	.4814909	39.14436
#1	.2434919	.5363586	.0092786
#2	.2421365	.5333173	.0101143
#3	.2388397	.5312506	.0181504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.192	25541.53	2311.514	1848.734	2794.689
Stddev	1.768	28.68	9.229	4.095	.912
%RSD	.0770789	.1122846	.3992500	.2215134	.0326380
#1	2294.820	25515.42	2303.280	1844.112	2793.904
#2	2291.312	25572.22	2321.489	1850.184	2794.475
#3	2293.442	25536.95	2309.772	1851.907	2795.690

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-02DLX2 Acquired: 12/13/2024 15:36:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399562	.0306876	.0420121	-.035778	-.003663	10.65855	.1373482
Stddev	.0047301	.0019958	.0018149	.004460	.000517	.03729	.0005466
%RSD	11.83820	6.503547	4.319854	12.46661	14.11505	.3498845	.3979412
#1	.0367131	.0285417	.0428342	-.040303	-.003231	10.69301	.1376763
#2	.0377719	.0324882	.0399316	-.031386	-.003523	10.61896	.1376511
#3	.0453838	.0310328	.0432703	-.035644	-.004236	10.66368	.1367173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010287	.0015424	591.8005	.0318427	.0586353	.0450321	50.28686
Stddev	.0001848	.0000470	2.0367	.0003841	.0003195	.0045536	.07087
%RSD	17.96469	3.048521	.3441456	1.206107	.5448198	10.11194	.1409256
#1	.0012418	.0015056	594.1398	.0322541	.0584821	.0420987	50.36852
#2	.0009302	.0015262	590.8402	.0317806	.0584213	.0502779	50.24151
#3	.0009139	.0015954	590.4216	.0314935	.0590025	.0427196	50.25055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.365905	140.6940	.0847452	-.005053	2.330810	.0536939	.1163709
Stddev	.020230	.4049	.0007150	.000453	.563610	.0069132	.0099630
%RSD	.4633592	.2877910	.8436835	8.961468	24.18085	12.87526	8.561422
#1	4.384302	141.1571	.0851358	-.005022	1.886007	.0491635	.1232348
#2	4.369174	140.5182	.0851799	-.005520	2.964634	.0616512	.1209343
#3	4.344240	140.4067	.0839201	-.004616	2.141789	.0502672	.1049435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.72134	1.331567	.0043299	.0052259	.6211125	1.911506	.0117469
Stddev	.08672	.005435	.0033611	.0003033	.0047549	.019441	.0005244
%RSD	5.038036	.4081345	77.62492	5.804029	.7655516	1.017046	4.464088
#1	-1.78615	1.335330	.0019729	.0054954	.6192587	1.930396	.0111414
#2	-1.75503	1.325337	.0028382	.0048975	.6265152	1.912564	.0120425
#3	-1.62282	1.334036	.0081788	.0052848	.6175638	1.891558	.0120566

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-02DLX2 Acquired: 12/13/2024 15:36:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4477197	.4615444	.0069334
Stddev	.0025990	.0018441	.0020170
%RSD	.5804879	.3995549	29.09138
#1	.4501168	.4630561	.0054870
#2	.4480847	.4620874	.0092375
#3	.4449575	.4594898	.0060757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.190	25971.00	2355.707	1888.052	2814.935
Stddev	5.902	42.54	19.026	2.321	7.481
%RSD	.2522943	.1637889	.8076376	.1229417	.2657618
#1	2335.633	26004.86	2340.098	1887.065	2806.336
#2	2346.003	25923.25	2350.123	1890.703	2818.520
#3	2335.935	25984.89	2376.900	1886.386	2819.948

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-03DLX2 Acquired: 12/13/2024 15:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103175	.0282171	.0272731	-.036582	-.010062	7.302943	.0375682
Stddev	.0018448	.0032647	.0016612	.002983	.002446	.035144	.0007096
%RSD	17.88036	11.56998	6.091074	8.153335	24.30626	.4812264	1.888922
#1	.0081900	.0255452	.0262392	-.034455	-.012033	7.331751	.0367968
#2	.0114737	.0318561	.0263907	-.035300	-.010829	7.313291	.0381933
#3	.0112889	.0272499	.0291893	-.039992	-.007325	7.263787	.0377146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009031	.0004932	642.5023	.0198882	.0468505	.0197496	21.44758
Stddev	.0000281	.0000113	1.4267	.0005296	.0007513	.0056373	.15084
%RSD	3.111518	2.282726	.2220594	2.662943	1.603683	28.54374	.7032940
#1	.0009106	.0004913	643.5935	.0202934	.0461399	.0178081	21.59944
#2	.0009267	.0004829	643.0256	.0200822	.0467749	.0153397	21.29778
#3	.0008720	.0005052	640.8878	.0192889	.0476368	.0261011	21.44551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.227888	97.40049	.0360224	-.002032	1.638617	.0288128	.0656471
Stddev	.006832	.61399	.0001408	.001274	.737085	.0053672	.0078861
%RSD	.5563895	.6303795	.3908975	62.70654	44.98212	18.62797	12.01291
#1	1.234139	97.51002	.0360859	-.000601	2.269591	.0245148	.0634581
#2	1.220595	97.95234	.0361203	-.003043	1.817800	.0270950	.0743965
#3	1.228929	96.73910	.0358610	-.002453	.828461	.0348287	.0590868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.12549	.9528544	.0053813	.0027898	1.271944	1.845400	.0226226
Stddev	.13177	.0034713	.0011306	.0008684	.003388	.013550	.0013036
%RSD	6.199394	.3643040	21.00902	31.12670	.2663391	.7342593	5.762145
#1	-2.27757	.9506043	.0050371	.0025046	1.268417	1.857019	.0212141
#2	-2.05339	.9511067	.0044629	.0020999	1.272243	1.848664	.0228673
#3	-2.04550	.9568522	.0066440	.0037649	1.275173	1.830516	.0237865

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-03DLX2 Acquired: 12/13/2024 15:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2514654	.5138564	.0045741
Stddev	.0035847	.0017985	.0039704
%RSD	1.425527	.3500090	86.79998
#1	.2517880	.5156778	.0001987
#2	.2477303	.5138096	.0079473
#3	.2548779	.5120816	.0055765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.921	25831.73	2359.689	1881.107	2846.952
Stddev	1.710	63.13	6.862	9.429	2.455
%RSD	.0734032	.2443990	.2908004	.5012668	.0862455
#1	2330.512	25764.73	2351.940	1870.279	2844.903
#2	2331.257	25890.11	2364.998	1885.535	2846.280
#3	2327.993	25840.34	2362.128	1887.507	2849.674

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-04DLX2 Acquired: 12/13/2024 15:44:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100784	.0271316	.0281371	-.039230	-.007708	7.146416	.0353950
Stddev	.0021418	.0015679	.0030116	.001565	.001299	.023190	.0001695
%RSD	21.25102	5.778878	10.70347	3.988983	16.84979	.3244997	.4787460
#1	.0097109	.0253251	.0249632	-.037638	-.006835	7.144915	.0352170
#2	.0081441	.0281380	.0284933	-.039285	-.009201	7.124013	.0355543
#3	.0123801	.0279318	.0309548	-.040766	-.007089	7.170320	.0354138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008588	.0005455	634.2412	.0200611	.0462938	.0238234	21.10013
Stddev	.0000760	.0000956	1.7518	.0006469	.0007048	.0027215	.05581
%RSD	8.844116	17.51522	.2762054	3.224606	1.522470	11.42350	.2644922
#1	.0009273	.0004423	636.1637	.0206871	.0464922	.0209463	21.13470
#2	.0007771	.0005633	632.7351	.0201011	.0468782	.0263565	21.03575
#3	.0008721	.0006309	633.8249	.0193952	.0455111	.0241674	21.12995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.211892	95.59771	.0353313	-.001214	1.801681	.0266739	.0665558
Stddev	.000963	.17597	.0008418	.000404	.242495	.0056512	.0044857
%RSD	.0794211	.1840742	2.382626	33.30531	13.45936	21.18621	6.739753
#1	1.211368	95.77474	.0350569	-.001104	1.900966	.0214175	.0659643
#2	1.211305	95.42282	.0362761	-.000876	1.525299	.0259535	.0713079
#3	1.213003	95.59557	.0346610	-.001662	1.978777	.0326508	.0623952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.20911	.9269981	.0039476	.0021611	1.239466	1.740728	.0229743
Stddev	.09168	.0022410	.0022790	.0009365	.001892	.002426	.0010438
%RSD	4.150072	.2417463	57.73048	43.33452	.1526567	.1393719	4.543115
#1	-2.24526	.9293825	.0055176	.0014828	1.237322	1.743525	.0227341
#2	-2.10487	.9249353	.0013337	.0032296	1.240904	1.739467	.0241172
#3	-2.27721	.9266765	.0049916	.0017708	1.240171	1.739192	.0220716

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-04DLX2 Acquired: 12/13/2024 15:44:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2455888	.5045623	-.001784
Stddev	.0063766	.0014530	.002877
%RSD	2.596470	.2879654	161.2862
#1	.2500518	.5055462	-.000144
#2	.2484291	.5028934	-.000102
#3	.2382855	.5052472	-.005105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.278	26023.88	2364.415	1902.362	2853.504
Stddev	3.807	39.20	8.489	8.669	2.444
%RSD	.1631761	.1506155	.3590353	.4556793	.0856512
#1	2337.303	26038.97	2357.433	1899.606	2856.277
#2	2332.799	25979.38	2373.864	1895.406	2851.663
#3	2329.733	26053.29	2361.947	1912.073	2852.573

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-03LDLX10 Acquired: 12/13/2024 15:48:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004683	.0155151	.0101151	-.027601	-.006046	1.486082	.0091730
Stddev	.0021502	.0029157	.0017384	.001916	.002625	.018798	.0004717
%RSD	459.1712	18.79292	17.18587	6.941116	43.42014	1.264918	5.141842
#1	.0029467	.0174941	.0095037	-.025394	-.005237	1.495489	.0089037
#2	-.000643	.0121667	.0087651	-.028580	-.008980	1.464437	.0097177
#3	-.000899	.0168844	.0120766	-.028831	-.003920	1.498319	.0088977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002956	.0001258	126.9824	.0043341	.0276636	.0130651	4.339230
Stddev	.0000527	.0000135	.7302	.0008046	.0001935	.0028096	.050570
%RSD	17.81487	10.76044	.5750628	18.56355	.6996041	21.50490	1.165407
#1	.0002643	.0001191	127.8175	.0051595	.0275888	.0145455	4.382587
#2	.0002661	.0001169	126.4638	.0042909	.0278834	.0098248	4.283678
#3	.0003564	.0001414	126.6660	.0035521	.0275187	.0148249	4.351424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2493968	20.08644	.0053018	-.000423	2.387513	.0115162	.0109142
Stddev	.0025919	.25049	.0005276	.000647	.428369	.0052521	.0036628
%RSD	1.039275	1.247071	9.950281	153.0428	17.94205	45.60591	33.55976
#1	.2501516	20.35781	.0051154	-.001133	2.020173	.0102641	.0145667
#2	.2515276	20.03746	.0048928	.000134	2.858055	.0070034	.0109345
#3	.2465113	19.86406	.0058973	-.000270	2.284310	.0172812	.0072413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.02794	.1721474	-.009476	.0006784	.2372606	.4109437	.0041422
Stddev	.06051	.0011633	.001288	.0005240	.0076960	.0129538	.0013297
%RSD	5.886065	.6757446	13.59259	77.23397	3.243670	3.152202	32.10205
#1	-1.09776	.1734224	-.008785	.0010169	.2284217	.4247184	.0028663
#2	-.99530	.1718762	-.010962	.0000749	.2408846	.3990072	.0040405
#3	-.99078	.1711438	-.008681	.0009434	.2424756	.4091054	.0055199

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-03LDLX10 Acquired: 12/13/2024 15:48:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0494335	.1022255	-.025443
Stddev	.0037492	.0004197	.002504
%RSD	7.584247	.4105904	9.843076
#1	.0487308	.1027100	-.028333
#2	.0460855	.1019927	-.023930
#3	.0534843	.1019737	-.024065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.362	26180.59	2315.367	1914.176	3099.952
Stddev	13.038	84.84	10.618	7.347	12.110
%RSD	.5509516	.3240389	.4585948	.3838396	.3906448
#1	2379.831	26145.40	2303.803	1917.232	3113.648
#2	2353.804	26119.02	2317.620	1905.794	3090.661
#3	2365.450	26277.36	2324.678	1919.502	3095.547

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-05DLX2 Acquired: 12/13/2024 15:52:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502515	.0737929	.0443836	.0409598	.0768947	9.914608	1.955332
Stddev	.0037380	.0024166	.0002691	.0023592	.0024341	.074869	.007555
%RSD	7.438559	3.274877	.6062087	5.759844	3.165561	.7551370	.3863573
#1	.0518098	.0758521	.0440884	.0424133	.0784513	9.977073	1.960425
#2	.0459865	.0711324	.0446151	.0382377	.0781432	9.935132	1.958918
#3	.0529582	.0743944	.0444473	.0422284	.0740897	9.831617	1.946652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483693	.0472119	633.4194	.2198952	.5104889	.2520380	22.31041
Stddev	.0004960	.0001130	3.4279	.0011176	.0017857	.0090213	.10645
%RSD	1.025489	.2393703	.5411662	.5082383	.3497916	3.579362	.4771399
#1	.0488725	.0472207	635.5844	.2201221	.5084460	.2422263	22.27956
#2	.0483547	.0470948	635.2065	.2186816	.5112682	.2539136	22.42888
#3	.0478808	.0473203	629.4673	.2208819	.5117523	.2599741	22.22279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.699580	97.25008	.5088636	.0367306	2.017057	.5268035	.4876943
Stddev	.008148	.50557	.0015388	.0007809	.268041	.0024268	.0020597
%RSD	.4794385	.5198650	.3023897	2.126141	13.28872	.4606728	.4223432
#1	1.706638	97.37395	.5100400	.0362911	1.983298	.5240060	.4883989
#2	1.701439	97.68219	.5071222	.0362684	2.300378	.5283428	.4893093
#3	1.690662	96.69408	.5094286	.0376322	1.767495	.5280619	.4853747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.66751	.9365930	.0069859	.0024867	1.258972	2.872096	.0228106
Stddev	.13391	.0036875	.0017702	.0003333	.007792	.029118	.0018665
%RSD	8.030793	.3937196	25.33887	13.40242	.6189303	1.013837	8.182505
#1	-1.55238	.9339529	.0089246	.0022568	1.250046	2.905650	.0215264
#2	-1.81447	.9350199	.0065775	.0023343	1.264418	2.853443	.0249516
#3	-1.63567	.9408062	.0054557	.0028689	1.262451	2.857196	.0219538

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-05DLX2 Acquired: 12/13/2024 15:52:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2912509	.5075092	.0060085
Stddev	.0010147	.0021138	.0033634
%RSD	.3483954	.4164985	55.97782
#1	.2901869	.5081946	.0092887
#2	.2922078	.5091952	.0061693
#3	.2913581	.5051378	.0025676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.843	25720.61	2320.215	1864.278	2819.203
Stddev	6.183	96.47	17.704	8.404	6.131
%RSD	.2683953	.3750716	.7630276	.4507935	.2174825
#1	2300.571	25720.97	2307.306	1865.813	2820.635
#2	2299.983	25623.96	2312.942	1855.212	2812.482
#3	2310.975	25816.90	2340.397	1871.808	2824.492

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-06DLX2 Acquired: 12/13/2024 15:56:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128784	.0263256	.0288225	-.037561	-.005709	6.563623	.0286784
Stddev	.0028649	.0019019	.0016731	.005159	.000476	.013213	.0009009
%RSD	22.24620	7.224669	5.804763	13.73606	8.332996	.2013060	3.141507
#1	.0154280	.0284737	.0271197	-.043466	-.006128	6.560917	.0283926
#2	.0134291	.0256474	.0304642	-.035286	-.005192	6.577979	.0279551
#3	.0097780	.0248557	.0288837	-.033929	-.005808	6.551972	.0296876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008415	.0006078	549.3433	.0173689	.0466571	.0181139	28.98569
Stddev	.0000807	.0000362	1.4061	.0003249	.0005721	.0032123	.12707
%RSD	9.594640	5.963599	.2559653	1.870456	1.226184	17.73379	.4383816
#1	.0009048	.0006493	547.8513	.0174151	.0471038	.0144280	28.84305
#2	.0007506	.0005913	550.6439	.0170235	.0468551	.0195972	29.08680
#3	.0008690	.0005827	549.5348	.0176683	.0460122	.0203164	29.02721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.494114	176.5579	.0313214	-.002179	2.252485	.0285666	.0725941
Stddev	.007260	.1831	.0001690	.000796	.364898	.0058441	.0044652
%RSD	.2910986	.1037265	.5394780	36.50730	16.19979	20.45793	6.150903
#1	2.490209	176.3551	.0315079	-.001906	2.673517	.0352891	.0776348
#2	2.502491	176.7112	.0312779	-.001556	2.056105	.0246952	.0710126
#3	2.489641	176.6074	.0311784	-.003076	2.027834	.0257155	.0691349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.40638	.7886532	.0032192	.0012361	.6070450	1.275733	.0070206
Stddev	.04331	.0023232	.0025169	.0003163	.0070923	.004740	.0013545
%RSD	1.799989	.2945847	78.18523	25.58592	1.168337	.3715807	19.29275
#1	-2.36494	.7870712	.0052319	.0012928	.6051816	1.270543	.0083561
#2	-2.45135	.7875681	.0040285	.0008953	.6010703	1.279835	.0070577
#3	-2.40285	.7913205	.0003971	.0015201	.6148829	1.276821	.0056479

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-06DLX2 Acquired: 12/13/2024 15:56:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3029743	.3563058	-.002504
Stddev	.0012506	.0009308	.004822
%RSD	.4127600	.2612499	192.5355
#1	.3034055	.3554101	.002239
#2	.3039522	.3562391	-.007401
#3	.3015652	.3572683	-.002352

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.240	25752.87	2335.091	1869.030	2806.672
Stddev	3.289	49.13	5.768	6.336	1.293
%RSD	.1420773	.1907584	.2470328	.3389927	.0460853
#1	2318.983	25705.53	2335.788	1875.923	2807.937
#2	2313.928	25749.48	2340.480	1863.460	2806.729
#3	2312.808	25803.60	2329.006	1867.707	2805.352

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-07DLX2 Acquired: 12/13/2024 15:59:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195667	.0296402	.0366510	-.039611	-.005601	6.822297	.0403344
Stddev	.0007153	.0042546	.0021274	.002367	.000680	.052311	.0012725
%RSD	3.655543	14.35433	5.804400	5.974688	12.14602	.7667664	3.154950
#1	.0203694	.0257052	.0390163	-.042261	-.006379	6.877560	.0409478
#2	.0189969	.0341550	.0360425	-.037709	-.005309	6.815784	.0411840
#3	.0193339	.0290604	.0348942	-.038862	-.005116	6.773548	.0388713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009707	.0007272	678.0196	.0205012	.0500682	.0423292	31.47986
Stddev	.0000344	.0000645	2.0565	.0004569	.0001630	.0050482	.11014
%RSD	3.540710	8.867049	.3033075	2.228448	.3255883	11.92599	.3498843
#1	.0009537	.0007799	680.2906	.0210226	.0500675	.0480578	31.60704
#2	.0010103	.0007463	677.4850	.0201712	.0499055	.0385314	31.41551
#3	.0009482	.0006553	676.2832	.0203097	.0502315	.0403983	31.41703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.612908	182.1707	.0415633	-.003329	2.206129	.0261262	.0869838
Stddev	.008912	.9986	.0003965	.001229	.558665	.0043190	.0017439
%RSD	.5525360	.5481595	.9540193	36.91858	25.32333	16.53142	2.004878
#1	1.616426	183.1590	.0419474	-.002895	2.101092	.0239186	.0849837
#2	1.619524	182.1908	.0415871	-.004717	1.707437	.0233571	.0881860
#3	1.602774	181.1622	.0411554	-.002377	2.809857	.0311028	.0877818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.20223	.8474659	.0141938	.0027097	.6848332	1.539760	.0078098
Stddev	.19189	.0009103	.0021824	.0003389	.0032260	.022964	.0012923
%RSD	8.713522	.1074116	15.37597	12.50555	.4710579	1.491433	16.54681
#1	-2.08751	.8485139	.0139946	.0030864	.6821834	1.565812	.0063177
#2	-2.42376	.8468725	.0121177	.0026128	.6838909	1.522454	.0085464
#3	-2.09542	.8470112	.0164690	.0024298	.6884255	1.531013	.0085654

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-07DLX2 Acquired: 12/13/2024 15:59:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1948086	.4859716	.0026396
Stddev	.0039517	.0021871	.0026194
%RSD	2.028508	.4500426	99.23119
#1	.1949888	.4874178	.0016738
#2	.1907698	.4870415	.0056048
#3	.1986671	.4834555	.0006404

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.143	25539.22	2328.531	1856.961	2778.425
Stddev	4.761	41.94	30.211	.285	7.349
%RSD	.2068995	.1642126	1.297437	.0153251	.2645005
#1	2297.394	25527.40	2293.717	1857.047	2769.991
#2	2299.535	25504.45	2347.857	1856.643	2781.830
#3	2306.500	25585.79	2344.020	1857.193	2783.454

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-08DLX2 Acquired: 12/13/2024 16:03:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102042	.0243149	.0251109	-.031810	-.004011	5.847284	.0337586
Stddev	.0018983	.0011117	.0006501	.003363	.001330	.019822	.0005717
%RSD	18.60280	4.572004	2.588714	10.57372	33.16275	.3390034	1.693570
#1	.0116637	.0233842	.0254458	-.035391	-.005154	5.825358	.0332585
#2	.0108907	.0240145	.0243617	-.028718	-.004329	5.852558	.0336354
#3	.0080582	.0255459	.0255252	-.031319	-.002551	5.863936	.0343819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007193	.0003972	396.7686	.0178920	.0416023	.0184390	18.45005
Stddev	.0000388	.0000174	.7091	.0003569	.0007898	.0061192	.01485
%RSD	5.388222	4.383576	.1787298	1.994698	1.898478	33.18624	.0804755
#1	.0007443	.0004101	396.2809	.0177999	.0411644	.0128335	18.46597
#2	.0006746	.0003774	396.4429	.0182859	.0411284	.0175164	18.44760
#3	.0007389	.0004042	397.5821	.0175901	.0425141	.0249672	18.43658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8271732	89.52885	.0290054	-.001841	1.813380	.0310770	.0534784
Stddev	.0033274	.38343	.0005147	.000893	.866378	.0056909	.0065793
%RSD	.4022587	.4282807	1.774372	48.50353	47.77695	18.31223	12.30276
#1	.8233342	89.49118	.0287013	-.001125	2.789096	.0267068	.0491107
#2	.8292268	89.16564	.0287152	-.002842	1.134227	.0375121	.0610455
#3	.8289586	89.92973	.0295996	-.001556	1.516816	.0290122	.0502789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.65037	.7484847	-.001722	.0009535	.8882792	1.211996	.0056670
Stddev	.07565	.0021854	.001073	.0003593	.0037630	.005798	.0008801
%RSD	2.854344	.2919805	62.32312	37.68663	.4236277	.4784111	15.52991
#1	-2.73773	.7497355	-.000530	.0005599	.8924523	1.205666	.0048328
#2	-2.60635	.7459612	-.002611	.0010363	.8872410	1.213273	.0065867
#3	-2.60705	.7497573	-.002026	.0012641	.8851443	1.217050	.0055815

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-08DLX2 Acquired: 12/13/2024 16:03:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3038520	.3174913	-.013178
Stddev	.0019035	.0022122	.000333
%RSD	.6264655	.6967874	2.528068
#1	.3016681	.3155503	-.012837
#2	.3047282	.3170234	-.013194
#3	.3051596	.3199000	-.013503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.161	26337.03	2377.880	1922.594	2937.793
Stddev	2.316	93.39	16.852	12.563	1.620
%RSD	.0978435	.3546013	.7087036	.6534494	.0551437
#1	2369.481	26229.53	2384.069	1910.254	2936.669
#2	2367.153	26398.17	2390.762	1935.369	2937.059
#3	2364.849	26383.40	2358.808	1922.159	2939.650

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-09DLX2 Acquired: 12/13/2024 16:07:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163829	.0303984	.0255141	-.039182	-.009409	6.610674	.0350764
Stddev	.0029937	.0034201	.0021616	.001368	.002223	.028324	.0007215
%RSD	18.27350	11.25095	8.472194	3.492699	23.63165	.4284555	2.056952
#1	.0194559	.0271174	.0243964	-.037855	-.011627	6.588688	.0353354
#2	.0162174	.0301353	.0280057	-.040589	-.009420	6.642636	.0342611
#3	.0134753	.0339424	.0241402	-.039101	-.007180	6.600698	.0356327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007633	.0005091	698.1530	.0212927	.0478522	.0178869	20.30073
Stddev	.0000244	.0000844	2.5947	.0001565	.0004774	.0028975	.11725
%RSD	3.194484	16.57785	.3716531	.7349041	.9976423	16.19870	.5775863
#1	.0007726	.0005910	695.9754	.0212084	.0478865	.0189956	20.27169
#2	.0007357	.0004224	701.0239	.0211964	.0473586	.0145989	20.42978
#3	.0007817	.0005140	697.4596	.0214732	.0483115	.0200663	20.20073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8832467	157.7989	.0324696	-.001482	1.712244	.0383538	.0617432
Stddev	.0014231	.4614	.0008796	.001414	.627619	.0082688	.0035752
%RSD	.1611178	.2923732	2.708991	95.38688	36.65476	21.55915	5.790491
#1	.8830712	157.5114	.0331769	-.002575	1.041050	.0293735	.0632016
#2	.8847494	158.3310	.0314847	-.001986	2.284547	.0400356	.0643587
#3	.8819196	157.5541	.0327472	.000115	1.811137	.0456524	.0576693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.65901	.6580300	.0032782	.0011690	.9713061	1.323930	.0075702
Stddev	.22070	.0053378	.0013697	.0005139	.0080390	.014609	.0010078
%RSD	8.300109	.8111778	41.78039	43.96343	.8276448	1.103434	13.31274
#1	-2.80804	.6539949	.0022350	.0011481	.9785606	1.308075	.0067710
#2	-2.76353	.6560127	.0027704	.0006659	.9626635	1.336846	.0072372
#3	-2.40547	.6640825	.0048292	.0016931	.9726944	1.326867	.0087023

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4977-09DLX2 Acquired: 12/13/2024 16:07:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2971897	.3885240	.0028362
Stddev	.0035830	.0020340	.0034921
%RSD	1.205632	.5235072	123.1263
#1	.2976480	.3868481	.0064812
#2	.3005216	.3907869	-.000480
#3	.2933996	.3879370	.002507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.307	25431.14	2316.630	1847.019	2781.211
Stddev	5.188	174.55	13.952	20.264	5.566
%RSD	.2271257	.6863625	.6022745	1.097110	.2001207
#1	2289.740	25241.24	2327.478	1826.304	2787.035
#2	2279.404	25467.60	2300.891	1847.952	2780.652
#3	2283.780	25584.58	2321.522	1866.800	2775.946

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-10 Acquired: 12/13/2024 16:11:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885396	.0268221	.4616946	-.025506	.0232852	76.38994
Stddev	.0032100	.0017543	.0052183	.002226	.0027143	.12395
%RSD	3.625471	6.540599	1.130243	8.725485	11.65699	.1622643
#1	.0914107	.0248002	.4677164	-.027971	.0253743	76.53010
#2	.0850739	.0279409	.4585006	-.024900	.0202171	76.29472
#3	.0891342	.0277252	.4588668	-.023646	.0242640	76.34501

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9573116	.0064955	.0111794	F 1129.647	.1153431	.1142169
Stddev	.0011884	.0000291	.0000372	1.813	.0013134	.0009319
%RSD	.1241408	.4486175	.3324500	.1605246	1.138721	.8159024
#1	.9573403	.0064719	.0111708	1128.639	.1168529	.1151146
#2	.9584854	.0064866	.0111472	1131.741	.1144636	.1132542
#3	.9561090	.0065281	.0112201	1128.563	.1147129	.1142819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1729033	175.3167	7.953573	503.5395	.2067502	-.018036
Stddev	.0022028	.2477	.011467	.6317	.0017406	.001014
%RSD	1.274019	.1412951	.1441693	.1254456	.8419055	5.622504
#1	.1736887	175.4399	7.965277	504.2674	.2086683	-.019207
#2	.1704155	175.4786	7.942360	503.2162	.2063115	-.017438
#3	.1746059	175.0315	7.953081	503.1350	.2052709	-.017463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.382048	.1578592	2.088430	8.462312	4.491223	.0272663
Stddev	.262659	.0044141	.012952	.205419	.026308	.0009907
%RSD	11.02660	2.796232	.6202009	2.427451	.5857725	3.633564
#1	2.365562	.1629559	2.100804	8.473901	4.519639	.0278682
#2	2.128021	.1552633	2.089517	8.661691	4.467714	.0261228
#3	2.652561	.1553585	2.074968	8.251345	4.486315	.0278079

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-10 Acquired: 12/13/2024 16:11:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030644	10.29722	9.292894	.0306189	.8940405	.6455075
Stddev	.0004996	.05231	.039511	.0009898	.0014290	.0008817
%RSD	16.30450	.5080368	.4251763	3.232622	.1598312	.1365953
#1	.0031012	10.35701	9.332759	.0314295	.8935010	.6464712
#2	.0025474	10.25987	9.253746	.0309113	.8956607	.6453100
#3	.0035447	10.27477	9.292177	.0295158	.8929599	.6447412

Elem	Li6707
Units	ppm
Avg	.1452507
Stddev	.0023379
%RSD	1.609566
#1	.1464108
#2	.1467817
#3	.1425597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.137	26758.09	2500.661	1918.651	2513.999
Stddev	11.459	71.48	5.910	4.322	15.432
%RSD	.4832530	.2671155	.2363572	.2252688	.6138256
#1	2358.174	26681.76	2496.458	1915.612	2496.195
#2	2375.323	26769.08	2507.420	1916.741	2522.255
#3	2379.913	26823.44	2498.106	1923.599	2523.546

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-11 Acquired: 12/13/2024 16:15:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949936	.0148471	.3170916	-.011891	.0529816	139.3440	1.774817
Stddev	.0011525	.0034226	.0041984	.006186	.0031943	1.0686	.014556
%RSD	1.213283	23.05230	1.324024	52.02082	6.029111	.7668989	.8201462
#1	.0941955	.0181972	.3171666	-.011730	.0525931	138.8391	1.767939
#2	.0963149	.0113563	.3128562	-.005787	.0499992	138.6213	1.764976
#3	.0944704	.0149877	.3212520	-.018156	.0563523	140.5715	1.791538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120912	.0097146	573.0356	.2041137	.1700174	.2946670	298.5031
Stddev	.0000940	.0001652	3.8492	.0004028	.0008269	.0123008	2.5565
%RSD	.7770975	1.700078	.6717130	.1973526	.4863479	4.174461	.8564306
#1	.0120352	.0098980	571.7521	.2037532	.1697497	.2890842	296.8740
#2	.0120387	.0096683	569.9922	.2045485	.1693575	.2861477	297.1858
#3	.0121997	.0095775	577.3626	.2040392	.1709449	.3087692	301.4496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.432935	169.6004	.3775125	-.030593	2.882347	.2789920	1.440107
Stddev	.045152	1.6623	.0043743	.000589	.593775	.0100109	.011311
%RSD	.8310770	.9801295	1.158724	1.926011	20.60039	3.588237	.7854541
#1	5.404170	168.7622	.3759139	-.031032	3.350849	.2755460	1.437965
#2	5.409660	168.5241	.3741623	-.029924	2.214566	.2711593	1.430019
#3	5.484975	171.5150	.3824613	-.030825	3.081625	.2902708	1.452336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.863924	5.457119	-.017654	.0070911	2.777214	9.867589	.0369221
Stddev	.087696	.052060	.002368	.0001087	.030306	.074551	.0008711
%RSD	1.115164	.9539749	13.41586	1.532421	1.091234	.7555140	2.359401
#1	7.808331	5.432218	-.015339	.0071260	2.758675	9.790992	.0361711
#2	7.818422	5.422186	-.020073	.0071780	2.760780	9.871863	.0367182
#3	7.965018	5.516952	-.017549	.0069692	2.812187	9.939911	.0378771

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-11 Acquired: 12/13/2024 16:15:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.222937	1.012641	.2211000
Stddev	.008937	.008150	.0013262
%RSD	.7307517	.8048389	.5997996
#1	1.225388	1.007239	.2209307
#2	1.213031	1.008669	.2198667
#3	1.230393	1.022016	.2225028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.853	28570.87	2589.058	2062.175	2695.766
Stddev	12.255	60.39	12.996	7.974	17.952
%RSD	.4813743	.2113548	.5019735	.3866848	.6659464
#1	2552.635	28519.46	2600.840	2054.289	2706.700
#2	2553.217	28637.36	2591.216	2070.235	2705.550
#3	2531.706	28555.77	2575.117	2062.001	2675.047

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-12 Acquired: 12/13/2024 16:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678815	.0308587	.3682630	-.030434	.0202253	69.49700
Stddev	.0018342	.0026897	.0016728	.005349	.0010089	.08666
%RSD	2.702018	8.716258	.4542420	17.57671	4.988153	.1246944
#1	.0682718	.0303372	.3683007	-.033730	.0213902	69.56712
#2	.0658837	.0337710	.3699166	-.033311	.0196297	69.40012
#3	.0694892	.0284680	.3665717	-.024262	.0196561	69.52375

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9276108	.0061586	.0184973	F 1391.470	.1076471	.1201951
Stddev	.0010015	.0001587	.0001543	9.702	.0008002	.0005154
%RSD	.1079629	2.577175	.8339054	.6972448	.7433652	.4288334
#1	.9287004	.0062401	.0183679	1391.461	.1072896	.1200695
#2	.9274017	.0059757	.0186680	1381.773	.1070881	.1197540
#3	.9267305	.0062600	.0184560	1401.177	.1085638	.1207617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1529273	179.6780	7.879112	624.5595	.2030605	-.016885
Stddev	.0083290	.5863	.030061	2.2791	.0007203	.000497
%RSD	5.446351	.3263299	.3815326	.3649168	.3546998	2.942776
#1	.1457153	180.3073	7.913551	626.5429	.2033900	-.017445
#2	.1510230	179.5798	7.858131	622.0698	.2022345	-.016500
#3	.1620435	179.1470	7.865654	625.0657	.2035571	-.016709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.843327	.1465579	3.261979	6.157144	3.479446	.0351524
Stddev	.738437	.0063738	.012733	.095918	.019358	.0015446
%RSD	25.97089	4.348990	.3903553	1.557839	.5563627	4.394099
#1	3.524068	.1448442	3.266416	6.103075	3.466559	.0340784
#2	2.058284	.1536133	3.247621	6.100465	3.470073	.0369226
#3	2.947628	.1412161	3.271900	6.267890	3.501707	.0344563

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-12 Acquired: 12/13/2024 16:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029505	23.68952	10.55006	.0309172	.7261900	.8395712
Stddev	.0004226	.13572	.03239	.0007425	.0082856	.0025597
%RSD	14.32390	.5728975	.3070080	2.401540	1.140972	.3048825
#1	.0024760	23.66156	10.55311	.0317689	.7357497	.8421907
#2	.0030890	23.56996	10.51625	.0304064	.7217425	.8370758
#3	.0032865	23.83704	10.58081	.0305762	.7210777	.8394471

Elem	Li6707
Units	ppm
Avg	.1372174
Stddev	.0010770
%RSD	.7848622
#1	.1359802
#2	.1379449
#3	.1377271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.119	26514.70	2492.678	1897.558	2463.184
Stddev	8.662	114.17	7.229	9.079	9.471
%RSD	.3677846	.4306010	.2900176	.4784386	.3845155
#1	2350.119	26484.23	2484.709	1891.444	2458.862
#2	2365.121	26641.01	2498.816	1907.989	2474.046
#3	2350.118	26418.85	2494.509	1893.239	2456.645

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-13 Acquired: 12/13/2024 16:23:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668089	.0271721	3.987815	.0051181	.0283525	63.70548	1.073975
Stddev	.0027825	.0009233	.004578	.0026936	.0016145	.03966	.001153
%RSD	1.668045	3.397887	.1148112	52.62921	5.694326	.0622488	.1073685
#1	.1653167	.0265301	3.993100	.0070348	.0271087	63.73939	1.072666
#2	.1700192	.0282302	3.985287	.0062812	.0277717	63.71517	1.074421
#3	.1650909	.0267560	3.985059	.0020384	.0301770	63.66187	1.074839

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062281	.0097932	136.9870	.1349965	.1167932	.3492815	160.2654
Stddev	.0000989	.0000386	.3032	.0010458	.0006580	.0010746	.1443
%RSD	1.587385	.3945774	.2213432	.7747112	.5634117	.3076698	.0900243
#1	.0061223	.0098338	137.0266	.1338561	.1174217	.3504752	160.1661
#2	.0063181	.0097569	136.6659	.1359108	.1161091	.3489785	160.4309
#3	.0062438	.0097890	137.2684	.1352225	.1168487	.3483909	160.1993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.35744	34.33418	.2617010	-.012347	2.474719	.1755063	2.015612
Stddev	.03481	.16693	.0009716	.000363	.250360	.0058684	.012816
%RSD	.2606310	.4861979	.3712749	2.937134	10.11672	3.343699	.6358171
#1	13.34762	34.37823	.2628165	-.012649	2.681377	.1786791	2.013810
#2	13.39611	34.47468	.2612471	-.012447	2.546461	.1791054	2.003792
#3	13.32859	34.14965	.2610394	-.011944	2.196320	.1687346	2.029233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398740	8.808665	.0072680	.0068427	3.978253	9.761060	.1054973
Stddev	.042832	.016727	.0027077	.0002483	.004295	.080397	.0008726
%RSD	1.785602	.1898963	37.25465	3.629120	.1079741	.8236493	.8270888
#1	2.426809	8.825571	.0053744	.0068287	3.978495	9.719782	.1055235
#2	2.419972	8.792122	.0060603	.0070977	3.973842	9.853711	.1046120
#3	2.349440	8.808302	.0103694	.0066017	3.982422	9.709687	.1063565

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-13 Acquired: 12/13/2024 16:23:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.297445	.0187748	.0483039
Stddev	.006354	.0005712	.0039172
%RSD	.4897395	3.042325	8.109510
#1	1.296933	.0185662	.0528138
#2	1.304040	.0194210	.0463490
#3	1.291363	.0183373	.0457490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.550	31372.58	2806.306	2298.759	3031.061
Stddev	7.497	135.76	21.221	11.779	9.426
%RSD	.2666445	.4327345	.7562004	.5123965	.3109952
#1	2813.548	31230.77	2797.498	2285.173	3031.310
#2	2817.846	31501.35	2790.906	2304.999	3040.361
#3	2803.257	31385.63	2830.512	2306.104	3021.513

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-14 Acquired: 12/13/2024 16:27:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2028838	.0299539	4.582953	-.001657	.0354451	72.89626
Stddev	.0003607	.0012037	.011642	.003128	.0002583	.30378
%RSD	.1777630	4.018555	.2540380	188.7444	.7286744	.4167306
#1	.2029090	.0306782	4.571390	.001191	.0351857	73.02310
#2	.2032312	.0285644	4.594673	-.005005	.0357022	72.54962
#3	.2025112	.0306192	4.582796	-.001158	.0354474	73.11607

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.219930	.0074174	.0119371	227.1709	.1456312	.1347131
Stddev	.003965	.0001705	.0001691	.8069	.0016629	.0011746
%RSD	.3250505	2.299131	1.417021	.3551965	1.141870	.8719520
#1	1.223001	.0076065	.0117422	227.2976	.1471575	.1334516
#2	1.215453	.0072751	.0120246	226.3081	.1438590	.1357753
#3	1.221336	.0073707	.0120447	227.9069	.1458771	.1349124

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3875291	198.4240	15.37106	41.38895	.3004898	-.015530
Stddev	.0049539	.6186	.04598	.17660	.0006937	.000750
%RSD	1.278328	.3117653	.2991566	.4266724	.2308630	4.832622
#1	.3914941	198.5499	15.40130	41.54174	.3001189	-.016175
#2	.3819759	197.7521	15.31814	41.19560	.3000604	-.015708
#3	.3891173	198.9699	15.39373	41.42950	.3012902	-.014706

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.724625	.2073651	2.259737	3.280604	F 10.01762	.0053818
Stddev	.117893	.0085706	.026090	.057311	.02293	.0008118
%RSD	4.326961	4.133075	1.154560	1.746974	.2289010	15.08386
#1	2.815529	.2044609	2.283488	3.248045	9.99308	.0046513
#2	2.591417	.2006241	2.231811	3.346779	10.03850	.0052385
#3	2.766930	.2170104	2.263912	3.246988	10.02129	.0062557

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-14 Acquired: 12/13/2024 16:27:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072622	4.370548	8.809354	.1186022	1.400652	.0608863
Stddev	.0001139	.003529	.082815	.0008843	.003455	.0005831
%RSD	1.568019	.0807512	.9400797	.7456208	.2466883	.9576795
#1	.0073717	4.368675	8.903980	.1180046	1.403916	.0615015
#2	.0072704	4.368350	8.750091	.1196181	1.397033	.0608155
#3	.0071444	4.374619	8.773992	.1181839	1.401008	.0603418

Elem	Li6707
Units	ppm
Avg	.0728189
Stddev	.0007350
%RSD	1.009407
#1	.0721359
#2	.0735968
#3	.0727239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.260	31781.54	2853.395	2326.331	2953.398
Stddev	14.498	294.89	19.631	21.569	15.842
%RSD	.5088334	.9278627	.6879788	.9271786	.5363938
#1	2865.984	31558.24	2831.006	2305.189	2971.175
#2	2840.245	32115.82	2867.659	2348.303	2940.773
#3	2841.551	31670.56	2861.521	2325.499	2948.246

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-15 Acquired: 12/13/2024 16:31:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7434267	.0260065	2.164674	.0116435	.0610695	74.76611	1.316677
Stddev	.0025420	.0027701	.020133	.0027564	.0021138	1.24816	.018675
%RSD	.3419340	10.65167	.9300789	23.67326	3.461301	1.669426	1.418327
#1	.7440972	.0230612	2.148639	.0146966	.0586434	74.63800	1.316837
#2	.7406166	.0263985	2.158113	.0108960	.0625145	76.07340	1.335271
#3	.7455663	.0285597	2.187269	.0093380	.0620506	73.58695	1.297922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088804	.0117366	148.4850	.1342790	.1582901	1.782074	318.6053
Stddev	.0001974	.0003492	2.2865	.0035025	.0015507	.032523	5.0926
%RSD	2.223249	2.975527	1.539907	2.608371	.9796438	1.825036	1.598398
#1	.0087883	.0116197	148.7065	.1302702	.1570443	1.782614	318.3962
#2	.0091071	.0114609	150.6528	.1358201	.1577993	1.814324	323.7992
#3	.0087459	.0121293	146.0958	.1367467	.1600268	1.749284	313.6205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.99661	31.57825	.2454793	.8466737	2.135234	.2166474	1.040015
Stddev	.28547	.58737	.0029232	.0185299	.199529	.0040775	.017921
%RSD	1.586224	1.860031	1.190795	2.188549	9.344616	1.882079	1.723141
#1	18.00645	31.55058	.2429968	.8257167	1.977075	.2139437	1.022155
#2	18.27703	32.17895	.2447400	.8534160	2.359404	.2213374	1.057996
#3	17.70635	31.00520	.2487012	.8608884	2.069223	.2146612	1.039893

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.115054	7.174442	-.017810	.0207970	7.063363	8.492528	.0769786
Stddev	.215755	.087488	.003891	.0003219	.075335	.117418	.0009250
%RSD	4.218044	1.219434	21.84598	1.547763	1.066564	1.382607	1.201637
#1	5.092796	7.122173	-.013776	.0204488	7.007728	8.440863	.0759106
#2	5.341075	7.125711	-.018116	.0210837	7.033268	8.626920	.0774994
#3	4.911290	7.275444	-.021539	.0208585	7.149094	8.409802	.0775258

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-15 Acquired: 12/13/2024 16:31:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.086226	-.137213	.0703013
Stddev	.013202	.002168	.0025084
%RSD	1.215368	1.579778	3.568058
#1	1.087541	-.136651	.0674160
#2	1.098721	-.139606	.0719638
#3	1.072416	-.135381	.0715240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.681	33553.75	2952.854	2437.042	2926.045
Stddev	18.455	650.85	32.215	48.882	31.558
%RSD	.6269516	1.939718	1.090978	2.005803	1.078512
#1	2955.039	34299.57	2952.198	2493.485	2945.272
#2	2953.617	33260.90	2920.972	2409.130	2943.239
#3	2922.386	33100.76	2985.392	2408.512	2889.624

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-16 Acquired: 12/13/2024 16:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186859	.0358978	1.042120	-.024260	.0216015	65.61576
Stddev	.0034294	.0043652	.006092	.005652	.0020370	.41461
%RSD	2.889491	12.16011	.5846060	23.29682	9.429731	.6318746
#1	.1191551	.0347508	1.037845	-.028967	.0200780	65.14606
#2	.1150461	.0322206	1.039420	-.025823	.0239151	65.93085
#3	.1218566	.0407220	1.049096	-.017992	.0208112	65.77036

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8077113	.0064295	.0056825	F 1014.984	.1015322	.1452961
Stddev	.0040540	.0001363	.0001367	11.954	.0005292	.0014086
%RSD	.5019094	2.120297	2.406542	1.177708	.5212416	.9694521
#1	.8031797	.0063478	.0057138	1001.294	.1013733	.1442241
#2	.8109937	.0065869	.0055328	1020.301	.1011006	.1447729
#3	.8089605	.0063539	.0058009	1023.356	.1021226	.1468915

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3353916	175.1657	12.10921	40.47235	.1957628	-.016591
Stddev	.0041620	.9233	.05334	.18654	.0012952	.001073
%RSD	1.240922	.5271040	.4404721	.4609081	.6616225	6.467644
#1	.3358751	174.2229	12.04810	40.27415	.1942990	-.016189
#2	.3392906	176.0682	12.14642	40.64449	.1962292	-.017806
#3	.3310090	175.2061	12.13311	40.49842	.1967602	-.015776

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373905	.1581974	.6136011	8.041244	6.573670	.0276120
Stddev	.474384	.0054238	.0077308	.075283	.039441	.0037785
%RSD	19.98326	3.428498	1.259903	.9362168	.5999842	13.68423
#1	2.889162	.1637490	.6050468	7.955345	6.542592	.0314543
#2	2.277281	.1579320	.6200881	8.095753	6.560379	.0239007
#3	1.955272	.1529112	.6156685	8.072634	6.618040	.0274810

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-16 Acquired: 12/13/2024 16:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015821	1.578691	8.482216	.0467174	.8198913	.5052471
Stddev	.0005142	.003004	.052395	.0004102	.0053370	.0023832
%RSD	32.49998	.1903112	.6176988	.8779698	.6509383	.4716838
#1	.0017457	1.579464	8.436274	.0462738	.8144995	.5025571
#2	.0010060	1.581234	8.539278	.0470830	.8200026	.5070947
#3	.0019945	1.575376	8.471096	.0467953	.8251717	.5060894

Elem	Li6707
Units	ppm
Avg	.1063137
Stddev	.0032517
%RSD	3.058584
#1	.1100313
#2	.1049112
#3	.1039986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.015	29243.68	2683.900	2116.831	2642.280
Stddev	2.315	23.61	14.832	3.814	5.610
%RSD	.0885509	.0807346	.5526386	.1801766	.2123057
#1	2616.043	29251.72	2700.888	2118.049	2646.222
#2	2614.510	29217.10	2673.519	2119.888	2644.760
#3	2611.493	29262.21	2677.294	2112.557	2635.858

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-17 Acquired: 12/13/2024 16:38:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1173866	.0517056	1.091355	-.024788	.0206179	42.90831
Stddev	.0048546	.0048199	.005025	.004127	.0017630	.18715
%RSD	4.135549	9.321769	.4604110	16.65003	8.551028	.4361561
#1	.1205013	.0570939	1.096435	-.022470	.0222687	43.04756
#2	.1198654	.0502176	1.086388	-.022340	.0208242	42.98180
#3	.1117930	.0478051	1.091241	-.029553	.0187608	42.69557

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6630355	.0040757	.0047819	F 1276.064	.0778002	.1150321
Stddev	.0037763	.0001533	.0001253	8.902	.0002709	.0006291
%RSD	.5695482	3.762174	2.620320	.6975825	.3481859	.5469279
#1	.6665682	.0042486	.0046520	1266.094	.0775510	.1157584
#2	.6634830	.0039564	.0047916	1283.213	.0780886	.1146554
#3	.6590554	.0040221	.0049020	1278.886	.0777610	.1146824

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4431627	154.9894	17.60960	25.24991	.1433180	-.012812
Stddev	.0052322	.6584	.05589	.19974	.0006131	.001252
%RSD	1.180658	.4247892	.3174093	.7910489	.4278088	9.768672
#1	.4450501	155.5373	17.67093	25.39514	.1433450	-.012776
#2	.4471894	155.1720	17.59635	25.33247	.1439172	-.011579
#3	.4372487	154.2591	17.56153	25.02213	.1426919	-.014081

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.599626	.1211388	.5619785	3.408281	6.343069	.0033326
Stddev	.320751	.0067324	.0079428	.128399	.006196	.0032739
%RSD	12.33836	5.557593	1.413371	3.767271	.0976754	98.23607
#1	2.915610	.1158800	.5679556	3.462282	6.344378	.0068955
#2	2.608956	.1287264	.5650144	3.261701	6.348506	.0026457
#3	2.274311	.1188099	.5529654	3.500860	6.336324	.0004568

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-17 Acquired: 12/13/2024 16:38:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028820	1.210752	8.505267	.0359152	.7513005	.6658165
Stddev	.0000069	.003697	.070878	.0011234	.0072821	.0031408
%RSD	.2397979	.3053431	.8333412	3.127931	.9692678	.4717269
#1	.0028767	1.206759	8.568782	.0360025	.7554261	.6692914
#2	.0028898	1.214056	8.518208	.0347507	.7555831	.6649783
#3	.0028795	1.211440	8.428810	.0369924	.7428923	.6631798

Elem	Li6707
Units	ppm
Avg	.0698573
Stddev	.0042075
%RSD	6.023013
#1	.0731486
#2	.0713065
#3	.0651167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.500	29002.88	2677.708	2108.366	2654.211
Stddev	6.214	35.55	14.629	6.137	2.952
%RSD	.2393049	.1225732	.5463305	.2910735	.1112107
#1	2594.130	28989.89	2662.050	2101.281	2653.978
#2	2591.821	29043.09	2680.046	2112.033	2651.383
#3	2603.550	28975.65	2691.027	2111.783	2657.273

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-21 Acquired: 12/13/2024 16:42:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014884	.0321521	1.089302	-.026427	.0206199	56.25520
Stddev	.0026391	.0036451	.004389	.003463	.0036413	.12884
%RSD	2.600356	11.33709	.4029026	13.10303	17.65900	.2290277
#1	.1035696	.0363088	1.086173	-.028374	.0246669	56.32684
#2	.1023755	.0306465	1.087415	-.022429	.0195838	56.10646
#3	.0985201	.0295008	1.094319	-.028478	.0176089	56.33230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6372931	.0048556	.0047844	F 1086.373	.0879211	.1250871
Stddev	.0015437	.0001231	.0000448	12.841	.0003982	.0006321
%RSD	.2422321	2.535479	.9363373	1.181972	.4528806	.5053616
#1	.6390014	.0049258	.0048087	1078.542	.0883803	.1256381
#2	.6359980	.0047134	.0048118	1079.385	.0876721	.1252261
#3	.6368800	.0049275	.0047327	1101.192	.0877109	.1243970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3911097	151.1524	11.74155	31.66365	.1694854	-.013649
Stddev	.0092639	.2297	.02757	.07104	.0011013	.000216
%RSD	2.368625	.1519635	.2347664	.2243715	.6497884	1.579580
#1	.3869608	151.3645	11.75758	31.72991	.1701562	-.013898
#2	.4017229	150.9084	11.70972	31.58863	.1682144	-.013516
#3	.3846454	151.1843	11.75735	31.67239	.1700856	-.013533

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.169369	.1261486	.7607174	3.843447	7.848289	.0002160
Stddev	.578667	.0018264	.0020280	.199544	.009589	.0006766
%RSD	26.67441	1.447784	.2665961	5.191797	.1221822	313.3010
#1	2.791121	.1265658	.7621850	3.649719	7.837248	.0009280
#2	2.070444	.1277303	.7584032	3.832282	7.854542	-.000419
#3	1.646542	.1241498	.7615640	4.048338	7.853075	.000139

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-21 Acquired: 12/13/2024 16:42:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005526	1.412478	8.820281	.0387471	.9491434	.4892244
Stddev	.0003931	.009252	.053909	.0005675	.0023502	.0011499
%RSD	71.13544	.6550326	.6111982	1.464694	.2476120	.2350482
#1	.0010027	1.408607	8.834127	.0381370	.9465665	.4894475
#2	.0003778	1.405790	8.865917	.0388449	.9511688	.4879792
#3	.0002772	1.423037	8.760799	.0392594	.9496948	.4902464

Elem	Li6707
Units	ppm
Avg	.0842264
Stddev	.0069683
%RSD	8.273302
#1	.0888483
#2	.0762115
#3	.0876196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.279	28742.53	2652.190	2090.157	2706.010
Stddev	1.224	150.37	2.860	10.527	.735
%RSD	.0476143	.5231714	.1078213	.5036294	.0271780
#1	2571.663	28648.87	2649.845	2081.012	2706.859
#2	2569.909	28915.98	2651.350	2101.664	2705.553
#3	2572.265	28662.74	2655.376	2087.797	2705.620

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV009 Acquired: 12/13/2024 17:02:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832007	4.841248	23.64655	4.509461	4.683642	376.8997	9.682058
Stddev	.018108	.032212	.10035	.017782	.027966	1.8433	.033959
%RSD	.3747598	.6653616	.4243561	.3943166	.5971010	.4890582	.3507372
#1	4.814102	4.809838	23.59355	4.489441	4.655727	376.1112	9.667780
#2	4.831606	4.839699	23.58381	4.515524	4.683542	379.0061	9.720824
#3	4.850312	4.874206	23.76228	4.523419	4.711659	375.5819	9.657570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808017	2.366246	387.1792	14.56216	2.350240	14.59267	386.3524
Stddev	.0005072	.008684	2.1386	.02232	.008134	.00977	.9197
%RSD	.1054950	.3669958	.5523570	.1532397	.3460989	.0669641	.2380381
#1	.4807037	2.361216	385.8997	14.53690	2.346030	14.58472	385.8922
#2	.4813507	2.361249	389.6481	14.57035	2.345074	14.60358	387.4113
#3	.4803505	2.376274	385.9898	14.57922	2.359616	14.58972	385.7536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44298	376.8928	2.390707	1.206703	377.0150	2.436928	13.70697
Stddev	.02273	1.1325	.009501	.002737	2.2271	.018842	.01485
%RSD	.1573981	.3004733	.3974156	.2268564	.5907168	.7731697	.1083277
#1	14.42349	376.2683	2.385914	1.204481	376.4671	2.452263	13.72396
#2	14.46795	378.2000	2.384558	1.209761	379.4649	2.442626	13.69649
#3	14.43749	376.2101	2.401650	1.205869	375.1130	2.415895	13.70045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.3968	4.718178	4.634120	4.586733	4.707523	4.733634	4.782256
Stddev	.4631	.023444	.017272	.016905	.029575	.007696	.020635
%RSD	.3229310	.4968915	.3727213	.3685635	.6282586	.1625852	.4314871
#1	143.2233	4.710081	4.616553	4.569159	4.683623	4.725034	4.766443
#2	143.9216	4.699856	4.651082	4.588165	4.698346	4.739873	4.774728
#3	143.0455	4.744598	4.634724	4.602878	4.740599	4.735996	4.805598

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV009 Acquired: 12/13/2024 17:02:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.871255	4.570714	4.900104
Stddev	.004700	.010519	.016200
%RSD	.0964868	.2301394	.3305952
#1	4.871086	4.564287	4.910238
#2	4.876037	4.582853	4.881421
#3	4.866641	4.565001	4.908654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.041	24040.16	2226.227	1641.556	2571.868
Stddev	3.244	113.51	8.851	8.182	6.765
%RSD	.1649780	.4721584	.3975869	.4984124	.2630379
#1	1969.049	23909.32	2216.320	1632.199	2571.756
#2	1966.468	24112.16	2229.003	1645.102	2578.688
#3	1962.604	24099.02	2233.357	1647.366	2565.160

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB009 Acquired: 12/13/2024 17:05:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039612	.0012782	.0032165	-.001954	.0029694	-.016198
Stddev	.0030390	.0007619	.0016756	.002986	.0019756	.003947
%RSD	76.71936	59.60694	52.09261	152.7808	66.53094	24.36943
#1	.0071832	.0019004	.0051510	.000906	.0052226	-.012234
#2	.0011461	.0004285	.0022809	-.001717	.0021516	-.016233
#3	.0035544	.0015055	.0022177	-.005052	.0015340	-.020129

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026786	.0001228	.0000715	.0306852	-.000878	.0002707
Stddev	.0004085	.0001041	.0000941	.0249583	.000356	.0002278
%RSD	15.25090	84.80605	131.6103	81.33683	40.52462	84.13877
#1	.0025575	.0000026	.0001756	.0265145	-.000864	.0004271
#2	.0031340	.0001843	-.000007	.0574661	-.000529	.0003758
#3	.0023443	.0001814	.000046	.0080749	-.001240	.0000094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000987	.0014988	.0006398	.0142825	-.000116	.0010360
Stddev	.008574	.0320760	.0002455	.0951731	.000080	.0008694
%RSD	868.9109	2140.155	38.37887	666.3626	69.44075	83.92043
#1	-.000399	-.007507	.0008472	.0673118	-.000208	.0016020
#2	.007278	.037115	.0007035	-.095592	-.000079	.0014711
#3	-.009839	-.025112	.0003687	.071128	-.000060	.0000349

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.738052	-.001241	.0016904	-.088599	-.001534	.0027001
Stddev	.225441	.008983	.0004840	.101470	.000955	.0002381
%RSD	12.97090	723.9117	28.63000	114.5273	62.23670	8.818961
#1	1.941398	-.008657	.0013286	.027422	-.000865	.0029689
#2	1.777134	.008748	.0015024	-.160771	-.002627	.0025156
#3	1.495626	-.003813	.0022401	-.132447	-.001109	.0026158

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB009 Acquired: 12/13/2024 17:05:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001177	-.003999	-.038175	.0000872	-.000857	-.000013
Stddev	.0002763	.003873	.000561	.0003702	.002759	.000186
%RSD	234.7664	96.85603	1.470094	424.7811	321.9270	1409.313
#1	.0004126	-.008469	-.037540	-.000340	.001601	.000042
#2	-.000135	-.001865	-.038604	.000279	-.000330	.000139
#3	.000075	-.001662	-.038380	.000322	-.003842	-.000220

Elem	Li6707
Units	ppm
Avg	F -.023690
Stddev	.000346
%RSD	1.460557
#1	-.023578
#2	-.023414
#3	-.024078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.170	26541.62	2353.732	1964.187	3271.424
Stddev	4.256	34.19	4.589	1.116	9.934
%RSD	.1761550	.1288346	.1949871	.0568032	.3036473
#1	2411.302	26580.77	2348.588	1963.075	3260.392
#2	2418.017	26517.61	2357.407	1965.307	3279.660
#3	2419.190	26526.48	2355.201	1964.179	3274.219

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-22 Acquired: 12/13/2024 17:09:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626964	.0298477	1.704691	-.020259	.0237945	70.59400	.9369422
Stddev	.0056124	.0039864	.007800	.002029	.0033460	.08004	.0011776
%RSD	8.951625	13.35589	.4575371	10.01430	14.06218	.1133750	.1256888
#1	.0685853	.0324659	1.701244	-.020986	.0276391	70.68431	.9374550
#2	.0574090	.0318174	1.699208	-.021825	.0215402	70.56586	.9377766
#3	.0620949	.0252598	1.713620	-.017967	.0222042	70.53184	.9355951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052240	.0072104	676.2243	.0968775	.1124356	.3212414	158.2455
Stddev	.0001865	.0001165	1.3515	.0005234	.0008603	.0040374	.2761
%RSD	3.570815	1.615789	.1998538	.5402470	.7651349	1.256799	.1744796
#1	.0054383	.0071394	677.2123	.0962792	.1118038	.3171678	158.3198
#2	.0050978	.0071468	676.7764	.0972504	.1120876	.3213148	157.9398
#3	.0051360	.0073448	674.6842	.0971029	.1134154	.3252415	158.4768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.539306	261.4737	.1802159	-.012416	2.411430	.1554155	1.364864
Stddev	.023190	.3428	.0007766	.001278	.357343	.0075565	.006183
%RSD	.2715652	.1310929	.4309141	10.29556	14.81871	4.862136	.4530198
#1	8.564888	261.8654	.1796577	-.013837	2.089347	.1617401	1.357998
#2	8.519663	261.2289	.1798872	-.012053	2.795834	.1470474	1.366601
#3	8.533367	261.3267	.1811028	-.011359	2.349109	.1574589	1.369992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.141521	9.671671	.0128860	.0012209	4.803761	8.861985	.0833749
Stddev	.041921	.030949	.0025352	.0002126	.012387	.049591	.0010623
%RSD	.5870063	.3199990	19.67390	17.41589	.2578625	.5595906	1.274146
#1	7.189819	9.647585	.0108401	.0012338	4.799376	8.901580	.0838930
#2	7.120171	9.660850	.0157222	.0014269	4.794162	8.806363	.0840788
#3	7.114573	9.706578	.0120958	.0010022	4.817744	8.878013	.0821530

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-22 Acquired: 12/13/2024 17:09:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.353943	.4001173	.1316781
Stddev	.008857	.0007362	.0037190
%RSD	.6541507	.1839849	2.824322
#1	1.348986	.4009673	.1358351
#2	1.348674	.3996842	.1286668
#3	1.364168	.3997005	.1305323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.468	28438.15	2642.159	2060.273	2654.991
Stddev	9.517	117.26	9.730	5.688	11.407
%RSD	.3752094	.4123509	.3682512	.2761013	.4296353
#1	2540.626	28572.98	2637.526	2066.549	2662.808
#2	2543.198	28381.60	2653.340	2058.815	2660.263
#3	2525.579	28359.88	2635.612	2055.456	2641.902

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-01 Acquired: 12/13/2024 17:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474795	.0410663	.2642133	-.027043	.0056721	31.88042
Stddev	.0038202	.0032277	.0044206	.003899	.0013002	.08644
%RSD	8.045988	7.859629	1.673124	14.41794	22.92220	.2711358
#1	.0432645	.0441185	.2683246	-.031345	.0068358	31.97985
#2	.0507137	.0413925	.2647777	-.026044	.0059117	31.82315
#3	.0484604	.0376880	.2595375	-.023741	.0042688	31.83826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3021289	.0027968	.0037143	F 1026.554	.0538413	.0967367
Stddev	.0004739	.0000321	.0000882	2.378	.0004808	.0001561
%RSD	.1568645	1.148519	2.373307	.2316569	.8928955	.1613939
#1	.3020762	.0028276	.0037752	1028.915	.0537440	.0968001
#2	.3016835	.0027993	.0036133	1026.588	.0543633	.0968512
#3	.3026269	.0027635	.0037546	1024.159	.0534166	.0965589

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623015	100.1988	12.68257	289.0779	.1034838	-.007456
Stddev	.0036142	.3941	.02062	.0883	.0001526	.001295
%RSD	2.226859	.3932800	.1625773	.0305323	.1474337	17.37027
#1	.1581383	100.3398	12.67020	289.0102	.1036572	-.008903
#2	.1641316	100.5029	12.70637	289.1777	.1033702	-.007063
#3	.1646346	99.7536	12.67112	289.0457	.1034239	-.006403

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.017322	.0694112	.3702991	3.404737	5.360169	.0211397
Stddev	.329563	.0084917	.0048330	.124191	.006136	.0008734
%RSD	8.203542	12.23396	1.305156	3.647605	.1144726	4.131732
#1	4.394467	.0730769	.3743723	3.284114	5.353089	.0218944
#2	3.872712	.0597023	.3715663	3.532214	5.363933	.0213416
#3	3.784786	.0754544	.3649588	3.397884	5.363486	.0201829

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-01 Acquired: 12/13/2024 17:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ97 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	6.939224	9.087051	.0220172	.4526755	.5885582
Stddev	.000221	.010418	.034307	.0007060	.0027306	.0012466
%RSD	281.4243	.1501309	.3775337	3.206478	.6032176	.2118040
#1	-.000318	6.950581	9.051384	.0215449	.4517827	.5894621
#2	-.000037	6.930111	9.119812	.0216780	.4557407	.5871361
#3	.000119	6.936979	9.089959	.0228288	.4505030	.5890764

Elem	Li6707
Units	ppm
Avg	.0600533
Stddev	.0023571
%RSD	3.925055
#1	.0590160
#2	.0583927
#3	.0627512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.549	27573.92	2536.862	1988.498	2554.025
Stddev	4.587	140.36	8.504	10.339	2.725
%RSD	.1887419	.5090387	.3352100	.5199220	.1066952
#1	2430.611	27562.68	2542.422	1988.259	2554.365
#2	2425.932	27719.56	2541.091	1998.954	2551.146
#3	2435.106	27439.51	2527.072	1978.280	2556.564

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-02 Acquired: 12/13/2024 17:17:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382591	.0517480	.9301430	-.009655	.0284585	58.36595
Stddev	.0022758	.0007628	.0017506	.002160	.0030569	.15438
%RSD	1.646029	1.474000	.1882085	22.37461	10.74148	.2644964
#1	.1396206	.0510921	.9281948	-.007340	.0309231	58.29945
#2	.1395249	.0515668	.9306502	-.011618	.0294146	58.25596
#3	.1356318	.0525850	.9315841	-.010006	.0250379	58.54243

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.314914	.0062801	.0084996	760.5095	.0924107	.1370405
Stddev	.002433	.0000564	.0000887	1.9861	.0006717	.0010109
%RSD	.1850361	.8973368	1.043035	.2611602	.7268629	.7376589
#1	1.314526	.0062319	.0083994	760.6146	.0919665	.1377042
#2	1.312699	.0063420	.0085678	758.4730	.0931834	.1358771
#3	1.317518	.0062663	.0085316	762.4411	.0920821	.1375402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4266489	194.9651	21.97634	81.95704	.2073613	-.015402
Stddev	.0045382	.1981	.01217	.24496	.0008250	.000224
%RSD	1.063677	.1016136	.0553760	.2988877	.3978702	1.452574
#1	.4214798	195.1144	21.97776	82.09684	.2079298	-.015419
#2	.4284882	194.7404	21.96353	81.67420	.2077391	-.015171
#3	.4299787	195.0407	21.98774	82.10010	.2064151	-.015617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.643422	.1544349	.6778001	6.414794	F 12.82796	.0054345
Stddev	.245213	.0049628	.0018740	.093209	.03784	.0031932
%RSD	9.276331	3.213525	.2764883	1.453029	.2949533	58.75768
#1	2.903710	.1577462	.6788988	6.515213	12.87165	.0087779
#2	2.416754	.1568297	.6788654	6.331046	12.80600	.0051094
#3	2.609803	.1487288	.6756363	6.398123	12.80622	.0024163

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-02 Acquired: 12/13/2024 17:17:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062927	3.262157	8.601565	.2264125	1.003184	.4387189
Stddev	.0005169	.005271	.015464	.0007561	.001248	.0009770
%RSD	8.214391	.1615839	.1797776	.3339436	.1243885	.2226856
#1	.0068476	3.259672	8.587071	.2266425	1.001931	.4383390
#2	.0062056	3.268211	8.599781	.2270269	1.004427	.4379890
#3	.0058248	3.258588	8.617844	.2255681	1.003193	.4398288

Elem	Li6707
Units	ppm
Avg	.0781996
Stddev	.0018174
%RSD	2.324098
#1	.0775360
#2	.0768073
#3	.0802556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.539	30498.92	2775.447	2209.720	2643.281
Stddev	3.578	146.96	7.500	10.238	6.324
%RSD	.1311291	.4818627	.2702380	.4633313	.2392606
#1	2727.252	30515.09	2778.921	2212.428	2637.041
#2	2725.783	30637.13	2780.581	2218.332	2643.115
#3	2732.583	30344.54	2766.840	2198.400	2649.687

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-03 Acquired: 12/13/2024 17:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853496	.0444316	.3213224	-.012167	.0271957	74.71466	.7529320
Stddev	.0036354	.0013744	.0052944	.002718	.0009877	.16122	.0019910
%RSD	4.259389	3.093398	1.647683	22.34240	3.631844	.2157783	.2644389
#1	.0852124	.0428699	.3235072	-.011574	.0263140	74.82086	.7552212
#2	.0817848	.0454574	.3251746	-.015133	.0282631	74.52915	.7519710
#3	.0890517	.0449674	.3152852	-.009794	.0270101	74.79397	.7516037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057507	.0050235	562.9271	.0852553	.1457667	.2273681	176.2941
Stddev	.0000541	.0001170	1.0997	.0029598	.0026510	.0051198	.3368
%RSD	.9408440	2.328096	.1953586	3.471636	1.818678	2.251775	.1910349
#1	.0056894	.0051243	563.8196	.0873326	.1466004	.2236479	176.2817
#2	.0057917	.0050509	561.6986	.0865670	.1479007	.2252492	176.6369
#3	.0057711	.0048953	563.2632	.0818664	.1427990	.2332073	175.9637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.26943	74.39196	.1813879	-.012797	2.152452	.1419190	.2892302
Stddev	.03619	.14698	.0023574	.001720	.440634	.0033830	.0073038
%RSD	.1877980	.1975757	1.299648	13.44000	20.47123	2.383754	2.525253
#1	19.28052	74.49961	.1825021	-.012233	1.656407	.1456028	.2911823
#2	19.29877	74.45177	.1829818	-.014728	2.302433	.1412028	.2953596
#3	19.22899	74.22451	.1786800	-.011430	2.498517	.1389515	.2811487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.690783	6.580317	-.018058	.0009112	1.289460	8.314698	.0250180
Stddev	.057190	.122279	.002525	.0005328	.024933	.043446	.0013906
%RSD	2.125403	1.858261	13.98337	58.47411	1.933578	.5225216	5.558515
#1	2.685940	6.618724	-.016804	.0014828	1.296134	8.347495	.0234170
#2	2.636168	6.678782	-.020965	.0004283	1.310376	8.331176	.0257107
#3	2.750240	6.443445	-.016405	.0008225	1.261869	8.265424	.0259261

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-03 Acquired: 12/13/2024 17:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.075375	.2917700	.0737401
Stddev	.001416	.0012559	.0038206
%RSD	.1316602	.4304443	5.181131
#1	1.076982	.2928721	.0713257
#2	1.074834	.2920353	.0781449
#3	1.074310	.2904027	.0717497

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.542	32449.55	2908.717	2353.722	2732.401
Stddev	34.348	771.72	10.239	54.933	45.215
%RSD	1.202017	2.378220	.3520103	2.333865	1.654787
#1	2853.681	31824.83	2899.341	2310.540	2723.213
#2	2825.288	32211.60	2919.642	2335.074	2692.486
#3	2893.658	33312.23	2907.167	2415.551	2781.505

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-04 Acquired: 12/13/2024 17:24:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688488	.0576566	.3475251	-.022814	.0133340	30.24417
Stddev	.0038570	.0010258	.0018852	.005260	.0006912	.03634
%RSD	5.602088	1.779180	.5424644	23.05494	5.184053	.1201716
#1	.0649733	.0585789	.3468439	-.026708	.0137387	30.24017
#2	.0688860	.0565518	.3496562	-.024903	.0137274	30.28234
#3	.0726870	.0578393	.3460752	-.016831	.0125358	30.20999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6329940	.0031124	.0051361	F 1543.572	.0466341	.0932529
Stddev	.0026812	.0000217	.0000514	3.694	.0005876	.0008663
%RSD	.4235783	.6971410	1.001747	.2393162	1.259930	.9289856
#1	.6358672	.0031322	.0051546	1541.206	.0468454	.0942267
#2	.6325564	.0031157	.0051757	1547.829	.0470869	.0929641
#3	.6305586	.0030892	.0050780	1541.682	.0459702	.0925678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2790922	141.9605	21.43973	121.0162	.1093173	-.011246
Stddev	.0079257	.1047	.01804	.1061	.0011574	.000909
%RSD	2.839828	.0737460	.0841423	.0876834	1.058779	8.080419
#1	.2880360	142.0008	21.46049	121.1387	.1098354	-.010205
#2	.2729398	141.8416	21.42788	120.9551	.1101253	-.011884
#3	.2763009	142.0390	21.43081	120.9548	.1079914	-.011648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911882	.0830776	.3944861	1.922732	7.419913	-.003658
Stddev	.445588	.0041040	.0055316	.134986	.077613	.002026
%RSD	15.30241	4.939938	1.402238	7.020553	1.046009	55.38936
#1	2.620087	.0791334	.3882396	2.000474	7.443242	-.001709
#2	2.690779	.0827747	.3964538	1.766863	7.483185	-.005754
#3	3.424782	.0873246	.3987648	2.000858	7.333311	-.003513

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-04 Acquired: 12/13/2024 17:24:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087806	3.380756	9.414950	.0344899	.4406646	.7150823
Stddev	.0002571	.039528	.062704	.0012471	.0027944	.0006215
%RSD	2.927998	1.169193	.6660027	3.615745	.6341236	.0869159
#1	.0088542	3.379295	9.467519	.0353168	.4380995	.7155793
#2	.0089929	3.420994	9.431784	.0350974	.4402521	.7143854
#3	.0084948	3.341979	9.345548	.0330555	.4436424	.7152821

Elem	Li6707
Units	ppm
Avg	.0595537
Stddev	.0017280
%RSD	2.901531
#1	.0582556
#2	.0588904
#3	.0615150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.042	27847.56	2588.906	2025.302	2542.202
Stddev	23.189	52.51	13.661	8.158	28.675
%RSD	.9286605	.1885780	.5276658	.4027928	1.127942
#1	2485.945	27803.69	2578.833	2017.711	2528.204
#2	2481.487	27833.24	2583.430	2024.266	2523.214
#3	2523.695	27905.75	2604.455	2033.928	2575.187

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-05 Acquired: 12/13/2024 17:28:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3096676	.0637331	.4467487	-.003159	.0355414	58.55702
Stddev	.0021994	.0003663	.0030399	.003442	.0017835	.07822
%RSD	.7102510	.5747209	.6804459	108.9478	5.018186	.1335714
#1	.3120115	.0637587	.4500262	-.006413	.0335741	58.59478
#2	.3076489	.0640859	.4440216	-.003508	.0359975	58.46708
#3	.3093422	.0633546	.4461983	.000444	.0370525	58.60918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9299893	.0071939	.0071610	F 918.7234	.0936226	.2233926
Stddev	.0014939	.0001745	.0000514	12.3566	.0007903	.0006362
%RSD	.1606331	2.425959	.7178264	1.344970	.8441130	.2847947
#1	.9306501	.0073915	.0071056	924.6719	.0930157	.2239525
#2	.9282790	.0070609	.0072071	904.5177	.0945162	.2227008
#3	.9310388	.0071293	.0071703	926.9806	.0933359	.2235246

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.050240	230.9429	29.01495	97.74089	.2579650	-.016963
Stddev	.005708	.5174	.10675	.23990	.0012985	.000386
%RSD	.5435139	.2240201	.3679271	.2454415	.5033475	2.278227
#1	1.047051	230.6029	28.94772	97.83695	.2594189	-.017167
#2	1.046838	230.6875	28.95910	97.46784	.2575550	-.017204
#3	1.056830	231.5383	29.13805	97.91786	.2569210	-.016517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.308787	.1607352	.5531128	8.859006	F 18.23585	.0119255
Stddev	.133573	.0002944	.0039328	.039078	.06700	.0021101
%RSD	4.036931	.1831810	.7110240	.4411118	.3673820	17.69404
#1	3.447080	.1604761	.5511140	8.884934	18.27437	.0134652
#2	3.180496	.1606742	.5505808	8.814059	18.15849	.0095202
#3	3.298786	.1610554	.5576435	8.878025	18.27469	.0127910

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-05 Acquired: 12/13/2024 17:28:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007147	4.361242	10.06966	.0451932	.5732294	.6347217
Stddev	.0004071	.019153	.04727	.0003711	.0039820	.0021105
%RSD	56.96845	.4391699	.4694142	.8211102	.6946577	.3325075
#1	.0011847	4.377960	10.10536	.0448710	.5757518	.6338684
#2	.0004892	4.340344	10.08757	.0455989	.5686389	.6331714
#3	.0004701	4.365423	10.01606	.0451096	.5752975	.6371252

Elem	Li6707
Units	ppm
Avg	.0748801
Stddev	.0024485
%RSD	3.269881
#1	.0720634
#2	.0760766
#3	.0765002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.786	30484.52	2829.240	2218.349	2638.915
Stddev	7.313	99.80	14.529	7.181	8.948
%RSD	.2676964	.3273890	.5135345	.3237220	.3390726
#1	2729.645	30439.42	2813.608	2217.685	2631.144
#2	2739.931	30598.92	2842.331	2225.840	2648.698
#3	2725.783	30415.23	2831.782	2211.523	2636.904

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-06 Acquired: 12/13/2024 17:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103651	.0258578	.3995902	.0068310	.0335609	64.96557	.6951371
Stddev	.0036354	.0022256	.0021527	.0045047	.0018801	.15951	.0021677
%RSD	1.728144	8.606921	.5387333	65.94552	5.602070	.2455228	.3118362
#1	.2108660	.0246975	.4020595	.0026169	.0314888	65.02043	.6955955
#2	.2137241	.0284237	.3986032	.0115788	.0351579	65.09040	.6970389
#3	.2065052	.0244521	.3981080	.0062972	.0340361	64.78587	.6927768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068046	.0046649	106.8915	.0842705	.1492267	.6339461	200.4452
Stddev	.0001494	.0000796	.2101	.0004678	.0003944	.0033408	.2725
%RSD	2.196215	1.706491	.1965548	.5551407	.2643123	.5269790	.1359263
#1	.0066363	.0047526	106.7983	.0838540	.1487716	.6360236	200.1747
#2	.0068555	.0046447	107.1321	.0847767	.1494680	.6357223	200.7195
#3	.0069219	.0045973	106.7441	.0841807	.1494406	.6300925	200.4413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80456	45.34167	.1608480	-.014968	2.334324	.1609490	.3815323
Stddev	.00145	.19050	.0007082	.000447	.339640	.0019392	.0053457
%RSD	.0091882	.4201376	.4403033	2.987681	14.54984	1.204881	1.401103
#1	15.80595	45.44767	.1611134	-.014597	2.354712	.1625553	.3765634
#2	15.80468	45.45558	.1600455	-.014843	1.984949	.1614970	.3808452
#3	15.80306	45.12175	.1613853	-.015465	2.663311	.1587947	.3871882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.007880	8.964412	-.032974	.0043144	1.370380	9.315659	.0315565
Stddev	.113745	.010740	.004086	.0003520	.003794	.013930	.0012289
%RSD	2.271326	.1198090	12.39235	8.159543	.2768272	.1495382	3.894192
#1	5.070965	8.962499	-.028568	.0040843	1.372238	9.299629	.0301390
#2	4.876571	8.954756	-.036639	.0041393	1.366016	9.322513	.0322099
#3	5.076103	8.975980	-.033715	.0047197	1.372888	9.324834	.0323207

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-06 Acquired: 12/13/2024 17:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9367501	.0941600	.0320809
Stddev	.0055554	.0009228	.0025232
%RSD	.5930503	.9800463	7.865268
#1	.9422369	.0951205	.0298005
#2	.9368848	.0940793	.0347916
#3	.9311285	.0932802	.0316506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.606	32355.53	2857.096	2371.818	2987.885
Stddev	1.870	108.82	10.486	11.479	1.348
%RSD	.0646019	.3363166	.3670041	.4839763	.0451251
#1	2896.044	32456.18	2866.831	2384.144	2989.343
#2	2892.492	32240.07	2845.993	2361.433	2987.629
#3	2895.282	32370.33	2858.463	2369.878	2986.683

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-07 Acquired: 12/13/2024 17:37:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624293	.0283201	.4619532	-.032398	.0157229	60.86786
Stddev	.0030706	.0043166	.0079487	.001148	.0035818	.04082
%RSD	4.918554	15.24212	1.720673	3.542814	22.78079	.0670694
#1	.0658302	.0233719	.4578631	-.033708	.0125156	60.86600
#2	.0598605	.0313130	.4568825	-.031569	.0195881	60.82800
#3	.0615972	.0302754	.4711141	-.031917	.0150652	60.90958

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8404452	.0055311	.0074202	F 1424.961	.1037137	.1077946
Stddev	.0027519	.0002287	.0001253	16.754	.0009406	.0021712
%RSD	.3274283	4.135274	1.688269	1.175756	.9068995	2.014161
#1	.8425902	.0054620	.0073112	1421.411	.1045683	.1071660
#2	.8373425	.0057864	.0073922	1443.206	.1038671	.1060072
#3	.8414030	.0053449	.0075571	1410.267	.1027059	.1102108

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1580107	158.5201	8.829531	651.7531	.1908696	-.014638
Stddev	.0040045	.2390	.008583	.6200	.0036388	.000757
%RSD	2.534333	.1507938	.0972081	.0951229	1.906451	5.174092
#1	.1614028	158.7020	8.835731	651.5564	.1899677	-.015043
#2	.1535932	158.2494	8.833127	651.2552	.1877665	-.015107
#3	.1590360	158.6090	8.819735	652.4475	.1948745	-.013765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.654413	.1319177	1.150346	6.649384	5.299212	.0285642
Stddev	.071253	.0007864	.005673	.080935	.099465	.0007450
%RSD	2.684311	.5961178	.4931145	1.217182	1.876977	2.608133
#1	2.717878	.1321156	1.154219	6.742605	5.241454	.0285658
#2	2.577336	.1310513	1.143835	6.608505	5.242118	.0278184
#3	2.668024	.1325863	1.152985	6.597042	5.414063	.0293084

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-07 Acquired: 12/13/2024 17:37:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030959	17.44984	11.27565	.0352871	.6821825	.8744734
Stddev	.0006007	.31961	.09454	.0011360	.0023797	.0004701
%RSD	19.40225	1.831574	.8384844	3.219400	.3488303	.0537615
#1	.0024059	17.24910	11.25691	.0354969	.6808998	.8745056
#2	.0033803	17.28201	11.37816	.0363036	.6849283	.8739880
#3	.0035016	17.81840	11.19187	.0340608	.6807193	.8749266

Elem	Li6707
Units	ppm
Avg	.1316859
Stddev	.0042179
%RSD	3.203027
#1	.1279180
#2	.1362425
#3	.1308970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.788	25878.74	2403.701	1855.491	2397.997
Stddev	29.081	129.15	10.562	9.968	38.076
%RSD	1.292603	.4990741	.4394065	.5372317	1.587822
#1	2263.656	25788.48	2407.135	1847.867	2419.451
#2	2269.338	25821.05	2391.849	1851.835	2420.506
#3	2216.369	26026.68	2412.118	1866.771	2354.035

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4880-14A Acquired: 12/13/2024 17:40:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029969	.0214450	4.035667	.0334171	.0201397	55.36489
Stddev	.0017755	.0022604	.006528	.0012913	.0016084	.24664
%RSD	1.723876	10.54026	.1617517	3.864197	7.986161	.4454858
#1	.1043846	.0211959	4.034547	.0321287	.0190276	55.35290
#2	.1036102	.0193196	4.029772	.0334114	.0219839	55.12446
#3	.1009961	.0238196	4.042682	.0347113	.0194076	55.61731

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268657	.0049560	.0082416	261.2672	.1413234	.0903762
Stddev	.008770	.0000723	.0000806	1.0916	.0010720	.0001464
%RSD	.3865613	1.459848	.9779546	.4178257	.7585629	.1619771
#1	2.272312	.0049519	.0082824	261.1337	.1405765	.0902080
#2	2.258651	.0048858	.0082936	260.2485	.1408420	.0904457
#3	2.275008	.0050303	.0081488	262.4195	.1425518	.0904749

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6194541	120.2991	5.677627	98.06267	.1715508	-.008015
Stddev	.0107528	.4215	.023199	.26832	.0001852	.000926
%RSD	1.735846	.3503654	.4085954	.2736216	.1079581	11.55172
#1	.6276095	120.2261	5.681945	98.16197	.1714662	-.008064
#2	.6072685	119.9188	5.652573	97.75885	.1714229	-.007065
#3	.6234845	120.7523	5.698363	98.26718	.1717632	-.008915

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.012793	.1578652	2.521365	3.217050	F 10.47477	.0169153
Stddev	.626301	.0127504	.021800	.137223	.02042	.0010950
%RSD	20.78806	8.076735	.8646004	4.265482	.1948979	6.473372
#1	3.194291	.1695444	2.542824	3.374996	10.47175	.0179682
#2	3.528301	.1597890	2.499240	3.127131	10.45604	.0157826
#3	2.315787	.1442623	2.522030	3.149023	10.49653	.0169950

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4880-14A Acquired: 12/13/2024 17:40:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051811	3.635375	9.718738	.1557843	.9177012	.2760410
Stddev	.0001762	.010346	.046762	.0019173	.0049197	.0005211
%RSD	3.400405	.2845898	.4811499	1.230730	.5360921	.1887803
#1	.0049905	3.626560	9.664839	.1537859	.9205623	.2756083
#2	.0052147	3.632799	9.742900	.1576085	.9120205	.2758951
#3	.0053380	3.646765	9.748476	.1559585	.9205209	.2766195

Elem	Li6707
Units	ppm
Avg	.0714966
Stddev	.0023883
%RSD	3.340472
#1	.0727698
#2	.0687414
#3	.0729785

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.397	28485.75	2535.436	2065.502	2853.744
Stddev	5.461	152.14	10.208	9.756	1.644
%RSD	.2141053	.5341029	.4026190	.4723237	.0576120
#1	2550.166	28412.23	2537.308	2056.072	2852.235
#2	2545.056	28660.69	2544.578	2075.554	2853.502
#3	2555.969	28384.34	2524.421	2064.881	2855.496

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5042-01A Acquired: 12/13/2024 17:44:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217906	.0246661	1.803092	.0454298	.0256708	55.17306	1.308790
Stddev	.0010342	.0011073	.004508	.0024794	.0018815	.10101	.000149
%RSD	.8491187	4.489136	.2500017	5.457589	7.329520	.1830696	.0113772
#1	.1206488	.0252625	1.798226	.0425774	.0238181	55.26492	1.308940
#2	.1226643	.0253475	1.807126	.0470690	.0275799	55.18936	1.308789
#3	.1220586	.0233885	1.803923	.0466429	.0256143	55.06490	1.308642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058287	.0074171	111.7739	.0938506	.1020455	.4254714	145.0262
Stddev	.0000602	.0000217	.2030	.0009201	.0002594	.0070170	.1205
%RSD	1.032679	.2923067	.1815957	.9804194	.2542153	1.649223	.0830592
#1	.0057642	.0074402	112.0039	.0947332	.1017861	.4332284	144.9807
#2	.0058834	.0074141	111.6201	.0928970	.1023049	.4236199	145.1628
#3	.0058385	.0073971	111.6975	.0939216	.1020455	.4195658	144.9351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.48705	28.52270	.1475244	-.008965	1.875592	.1429437	1.267985
Stddev	.00837	.12108	.0005850	.000576	.142010	.0087991	.010877
%RSD	.0729068	.4244987	.3965595	6.423607	7.571501	6.155653	.8578523
#1	11.47789	28.52784	.1480386	-.008619	2.014990	.1444791	1.279509
#2	11.49431	28.39914	.1468879	-.009630	1.880679	.1334779	1.257897
#3	11.48894	28.64113	.1476468	-.008646	1.731106	.1508741	1.266549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.110503	6.525670	-.001200	.0063633	1.909481	7.903867	.0925148
Stddev	.084158	.011813	.004859	.0002636	.003634	.067583	.0019368
%RSD	2.047391	.1810161	405.0198	4.143059	.1902954	.8550581	2.093551
#1	4.063813	6.512282	.003805	.0063286	1.907891	7.835480	.0940924
#2	4.060040	6.530104	-.001507	.0061186	1.906913	7.970616	.0930988
#3	4.207656	6.534624	-.005897	.0066425	1.913639	7.905505	.0903531

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5042-01A Acquired: 12/13/2024 17:44:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6804737	.8350444	.0398410
Stddev	.0032294	.0014591	.0012383
%RSD	.4745835	.1747279	3.108054
#1	.6806533	.8367070	.0384577
#2	.6836096	.8344488	.0402192
#3	.6771582	.8339773	.0408460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.645	30853.81	2725.749	2263.514	3108.763
Stddev	6.441	162.27	9.896	15.826	8.046
%RSD	.2316317	.5259457	.3630469	.6991785	.2588070
#1	2787.215	30668.04	2733.357	2245.291	3113.742
#2	2774.342	30967.95	2714.562	2271.437	3099.480
#3	2780.378	30925.42	2729.328	2273.813	3113.065

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5041-01A Acquired: 12/13/2024 17:48:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2564434	.0205741	9.100652	.0486026	.0187550	61.93128
Stddev	.0034666	.0014272	.015153	.0015209	.0005282	.06853
%RSD	1.351818	6.936841	.1665096	3.129316	2.816221	.1106536
#1	.2603903	.0221111	9.083960	.0502834	.0190366	61.85446
#2	.2538921	.0192907	9.113543	.0473212	.0181457	61.95326
#3	.2550478	.0203206	9.104452	.0482033	.0190828	61.98612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373906	.0065807	.0117319	162.5325	.1514980	.1031291
Stddev	.004381	.0000346	.0000666	.1523	.0006963	.0002923
%RSD	.1845686	.5251570	.5675393	.0936963	.4596164	.2833995
#1	2.369354	.0065468	.0117308	162.4247	.1517005	.1031591
#2	2.374270	.0065795	.0117990	162.4660	.1520706	.1034052
#3	2.378094	.0066159	.0116658	162.7067	.1507229	.1028229

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4172107	126.2487	9.136997	22.85099	.1810309	-.006233
Stddev	.0079384	.3754	.010472	.08015	.0003326	.000292
%RSD	1.902736	.2973366	.1146073	.3507702	.1837513	4.682921
#1	.4108073	125.8171	9.130069	22.81636	.1811360	-.006140
#2	.4260927	126.4993	9.149043	22.94263	.1812983	-.006561
#3	.4147321	126.4297	9.131878	22.79396	.1806584	-.006000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.846038	.3257497	2.960134	2.848838	F 17.03937	.0196251
Stddev	.150868	.0095251	.017556	.198376	.02589	.0027865
%RSD	5.301000	2.924041	.5930865	6.963387	.1519556	14.19845
#1	2.681625	.3153514	2.950313	3.011109	17.01414	.0184675
#2	2.878370	.3340525	2.949686	2.907717	17.06588	.0176040
#3	2.978121	.3278453	2.980403	2.627689	17.03810	.0228037

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5041-01A Acquired: 12/13/2024 17:48:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208344	3.170107	7.553159	.2027583	.8334742	.5888331
Stddev	.0002310	.007623	.058501	.0004546	.0031345	.0004921
%RSD	1.108909	.2404743	.7745179	.2242221	.3760816	.0835697
#1	.0208801	3.162219	7.567016	.2022739	.8299167	.5893915
#2	.0210392	3.177435	7.603487	.2031757	.8358302	.5884628
#3	.0205840	3.170667	7.488974	.2028253	.8346759	.5886451

Elem	Li6707
Units	ppm
Avg	.1140212
Stddev	.0041982
%RSD	3.681985
#1	.1162269
#2	.1091799
#3	.1166569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.672	30926.90	2756.164	2271.539	3193.582
Stddev	3.303	144.08	9.422	8.175	3.158
%RSD	.1184985	.4658766	.3418366	.3598833	.0988914
#1	2786.435	31023.97	2760.236	2277.839	3190.880
#2	2791.415	30995.39	2745.392	2274.476	3197.054
#3	2785.165	30761.36	2762.865	2262.301	3192.813

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5040-01A Acquired: 12/13/2024 17:52:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433767	.0286726	.2605444	.0237479	.0132912	50.15156	.8616390
Stddev	.0016492	.0019214	.0027755	.0023374	.0005324	.08836	.0021881
%RSD	3.802102	6.701073	1.065260	9.842449	4.005726	.1761875	.2539486
#1	.0427727	.0308709	.2621988	.0211333	.0134465	50.16810	.8601568
#2	.0452427	.0278329	.2620943	.0256352	.0137287	50.05609	.8606080
#3	.0421146	.0273140	.2573402	.0244750	.0126984	50.23048	.8641521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041353	.0038102	540.9203	.0810219	.0956075	.1458113	125.5485
Stddev	.0000754	.0000232	.9312	.0008645	.0006205	.0067211	.0897
%RSD	1.822297	.6095941	.1721534	1.067028	.6490428	4.609417	.0714718
#1	.0042153	.0037880	541.8385	.0809819	.0962801	.1465755	125.4807
#2	.0040656	.0038083	539.9766	.0819058	.0954851	.1521177	125.5145
#3	.0041249	.0038343	540.9460	.0801782	.0950572	.1387409	125.6502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.547430	127.7011	.1507610	-.011534	2.394339	.1407997	.4243262
Stddev	.012877	.3520	.0009460	.000724	.388463	.0161381	.0060041
%RSD	.1706156	.2756562	.6275083	6.274648	16.22421	11.46173	1.414981
#1	7.548131	127.9182	.1516960	-.011616	2.786328	.1520504	.4290122
#2	7.534217	127.2950	.1507826	-.012213	2.387188	.1480393	.4175582
#3	7.559943	127.8902	.1498043	-.010772	2.009501	.1223095	.4264083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7844230	8.089087	-.005901	.0027212	1.055691	6.154296	.0531884
Stddev	.1284205	.016740	.002114	.0005288	.004160	.016341	.0004101
%RSD	16.37133	.2069443	35.82633	19.43082	.3940963	.2655152	.7709705
#1	.6594437	8.105986	-.007989	.0022681	1.060371	6.169450	.0536220
#2	.7777972	8.072511	-.005951	.0025934	1.052412	6.136983	.0528068
#3	.9160282	8.088764	-.003762	.0033022	1.054291	6.156455	.0531365

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5040-01A Acquired: 12/13/2024 17:52:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9852240	.5157749	.0862689
Stddev	.0052853	.0022652	.0029159
%RSD	.5364601	.4391860	3.380055
#1	.9854475	.5139360	.0885955
#2	.9798304	.5150836	.0829978
#3	.9903940	.5183053	.0872135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.503	28874.85	2642.432	2112.908	2886.651
Stddev	5.332	46.78	5.794	7.718	6.282
%RSD	.2050542	.1620183	.2192613	.3652951	.2176212
#1	2594.561	28831.53	2641.086	2119.818	2879.397
#2	2602.077	28868.56	2648.781	2104.578	2890.246
#3	2604.871	28924.46	2637.430	2114.328	2890.309

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4905-02A Acquired: 12/13/2024 17:56:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3720331	.0225526	3.265793	.0493031	.1125509	70.29521
Stddev	.0060743	.0037193	.007651	.0023972	.0023009	.16485
%RSD	1.632723	16.49175	.2342716	4.862176	2.044305	.2345168
#1	.3744808	.0249139	3.271335	.0520496	.1105062	70.46807
#2	.3651169	.0244787	3.257064	.0482283	.1121041	70.13974
#3	.3765017	.0182653	3.268980	.0476313	.1150425	70.27782

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.101665	.0064339	.0108782	147.2969	.1519988	.1140095
Stddev	.015451	.0000571	.0000810	.3671	.0014494	.0005563
%RSD	.2532301	.8879176	.7447742	.2492390	.9535841	.4879346
#1	6.114374	.0064475	.0107923	147.7198	.1534475	.1145496
#2	6.084466	.0063712	.0109533	147.0601	.1520004	.1140408
#3	6.106155	.0064830	.0108891	147.1109	.1505486	.1134383

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185332	182.8893	12.17538	36.18179	.2120554	.0039434
Stddev	.007235	.4788	.03601	.25457	.0004655	.0002434
%RSD	.6103742	.2617852	.2957566	.7035789	.2195326	6.173010
#1	1.181021	183.2919	12.18205	36.34414	.2123802	.0041626
#2	1.181290	182.3599	12.13651	35.88839	.2115221	.0039862
#3	1.193685	183.0162	12.20759	36.31283	.2122640	.0036814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.776082	.1771131	5.389650	10.48600	F 21.61427	.0187959
Stddev	.334745	.0037893	.015620	.17845	.07562	.0028724
%RSD	12.05817	2.139504	.2898209	1.701752	.3498724	15.28204
#1	2.429449	.1814546	5.407523	10.33988	21.69855	.0194189
#2	3.097514	.1744703	5.382812	10.43325	21.59192	.0156631
#3	2.801283	.1754143	5.378615	10.68488	21.55234	.0213056

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4905-02A Acquired: 12/13/2024 17:56:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067519	4.577939	9.478952	.1828291	1.337784	.1914517
Stddev	.0005160	.015425	.032604	.0021455	.002467	.0008322
%RSD	7.642591	.3369476	.3439625	1.173478	.1844273	.4346659
#1	.0072189	4.594120	9.478748	.1840452	1.334949	.1923782
#2	.0061979	4.576297	9.446450	.1840903	1.338957	.1912092
#3	.0068389	4.563401	9.511657	.1803519	1.339445	.1907677

Elem	Li6707
Units	ppm
Avg	.0650976
Stddev	.0030346
%RSD	4.661597
#1	.0632347
#2	.0634588
#3	.0685992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.302	31614.30	2839.222	2316.629	2994.445
Stddev	2.919	46.24	6.963	8.940	3.073
%RSD	.1025798	.1462777	.2452402	.3859051	.1026296
#1	2848.032	31560.91	2833.455	2309.893	2991.624
#2	2842.225	31640.13	2846.957	2313.222	2993.990
#3	2845.649	31641.85	2837.255	2326.771	2997.720

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/13/2024 17:59:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301036	.0224529	1.426422	.0361382	.0259700	88.77963
Stddev	.0005190	.0007222	.002845	.0031399	.0025924	.70626
%RSD	.3988822	3.216662	.1994798	8.688742	9.982250	.7955233
#1	.1301410	.0226978	1.428053	.0397606	.0252370	89.01045
#2	.1306029	.0230208	1.423136	.0344607	.0238231	87.98683
#3	.1295670	.0216400	1.428076	.0341932	.0288500	89.34160

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.870033	F 2.825185	.0102115	270.2270	.1516808	.1227911
Stddev	.014597	.017361	.0001279	2.2532	.0009516	.0003646
%RSD	.7805847	.6145234	1.252397	.8338359	.6273442	.2969098
#1	1.878492	2.835126	.0103514	270.9462	.1524263	.1232023
#2	1.853178	2.805138	.0101823	267.7019	.1520071	.1225075
#3	1.878430	2.835290	.0101007	272.0328	.1506090	.1226634

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.536327	166.5496	10.00794	78.00625	.2208566	-.010921
Stddev	.012552	1.3723	.08628	.61668	.0009667	.000372
%RSD	.8169848	.8239464	.8620886	.7905535	.4377180	3.402322
#1	1.550762	167.2143	10.07235	78.42724	.2215876	-.010697
#2	1.527979	164.9716	9.90992	77.29839	.2212218	-.011350
#3	1.530241	167.4630	10.04156	78.29311	.2197605	-.010716

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.280596	.2000136	4.138669	9.677424	F 16.44950	.0186930
Stddev	.393916	.0089647	.014896	.171531	.04483	.0021913
%RSD	17.27251	4.482067	.3599115	1.772484	.2725218	11.72278
#1	1.858597	.1922152	4.154104	9.819599	16.50061	.0211639
#2	2.344599	.2098082	4.137524	9.486911	16.43109	.0169856
#3	2.638591	.1980175	4.124378	9.725762	16.41681	.0179294

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/13/2024 17:59:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044675	4.234892	8.983939	.1019545	.9568737	.2452715
Stddev	.0003649	.023756	.034804	.0019205	.0082323	.0019389
%RSD	8.168105	.5609662	.3874016	1.883653	.8603330	.7905030
#1	.0048634	4.262304	9.013444	.1011478	.9655779	.2471915
#2	.0043945	4.222096	8.945556	.1005690	.9492127	.2433143
#3	.0041446	4.220277	8.992815	.1041468	.9558306	.2453086

Elem	Li6707
Units	ppm
Avg	.1149643
Stddev	.0045420
%RSD	3.950829
#1	.1145948
#2	.1106183
#3	.1196798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.157	31720.10	2862.401	2305.202	2814.720
Stddev	3.987	26.05	21.816	3.770	3.793
%RSD	.1406800	.0821158	.7621598	.1635534	.1347725
#1	2836.059	31690.09	2851.953	2306.350	2813.212
#2	2829.575	31736.72	2887.476	2308.265	2811.913
#3	2836.837	31733.50	2847.773	2300.991	2819.036

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-02A Acquired: 12/13/2024 18:03:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1528657	.0264803	3.711174	-.002660	.0361723	63.05863
Stddev	.0025003	.0030416	.005537	.001926	.0007326	.26502
%RSD	1.635603	11.48611	.1492063	72.41850	2.025292	.4202703
#1	.1528479	.0288032	3.705480	-.002239	.0355840	62.98105
#2	.1503744	.0230376	3.711503	-.004762	.0359401	62.84106
#3	.1553748	.0276001	3.716540	-.000979	.0369929	63.35378

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580918	.0062350	.0200610	178.6938	.1579569	.1159552
Stddev	.004844	.0001030	.0001438	.7360	.0008734	.0005954
%RSD	.3063774	1.651869	.7166547	.4118637	.5529544	.5134395
#1	1.580476	.0063137	.0199040	178.8190	.1577778	.1166073
#2	1.576311	.0061184	.0201863	177.9033	.1589060	.1158177
#3	1.585968	.0062728	.0200925	179.3592	.1571869	.1154406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8178790	172.3765	12.01442	41.45245	.2046117	-.009851
Stddev	.0057238	.4889	.02596	.31713	.0009015	.000236
%RSD	.6998313	.2836295	.2160986	.7650478	.4405997	2.391348
#1	.8236684	172.4436	12.03614	41.46959	.2054579	-.009674
#2	.8122232	171.8575	11.98566	41.12710	.2047135	-.010118
#3	.8177454	172.8284	12.02145	41.76067	.2036636	-.009760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.578629	.1695707	6.362461	6.538287	F 12.44803	.0114273
Stddev	.351495	.0064361	.006963	.114307	.02682	.0019879
%RSD	13.63107	3.795523	.1094447	1.748272	.2154908	17.39634
#1	2.579363	.1632404	6.362990	6.617027	12.42769	.0119304
#2	2.226767	.1761076	6.355248	6.407178	12.43798	.0092361
#3	2.929755	.1693643	6.369145	6.590657	12.47843	.0131153

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-02A Acquired: 12/13/2024 18:03:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058498	2.239676	9.195384	.2448857	1.069457	.1700065
Stddev	.0002222	.007205	.043784	.0012949	.004567	.0008159
%RSD	3.799109	.3217154	.4761510	.5287688	.4270751	.4799395
#1	.0061016	2.234262	9.225862	.2438101	1.073103	.1695163
#2	.0056810	2.247854	9.215078	.2445240	1.064334	.1695547
#3	.0057668	2.236911	9.145211	.2463229	1.070933	.1709483

Elem	Li6707
Units	ppm
Avg	.0633284
Stddev	.0037816
%RSD	5.971468
#1	.0603238
#2	.0675748
#3	.0620866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.770	29959.13	2677.969	2179.885	2924.029
Stddev	12.972	38.37	16.353	8.576	10.786
%RSD	.4802959	.1280794	.6106502	.3934118	.3688892
#1	2687.243	29914.84	2660.228	2170.316	2912.955
#2	2701.963	29982.40	2681.240	2182.460	2924.632
#3	2713.104	29980.15	2692.439	2186.878	2934.502

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4933-20A Acquired: 12/13/2024 18:07:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1788730	.0161254	7.159508	.0630692	.0318662	56.27057
Stddev	.0007378	.0000937	.015270	.0009695	.0034707	.18429
%RSD	.4124772	.5809679	.2132795	1.537203	10.89155	.3275051
#1	.1792010	.0160975	7.146244	.0638371	.0286926	56.44569
#2	.1793899	.0160489	7.156078	.0619798	.0313336	56.07831
#3	.1780280	.0162299	7.176200	.0633907	.0355724	56.28770

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.876161	.0056915	.0086416	33.18014	.1825904	.1005438
Stddev	.006341	.0000572	.0000695	.06876	.0008150	.0005289
%RSD	.3379864	1.005088	.8046279	.2072336	.4463332	.5260451
#1	1.882389	.0057068	.0085688	33.21089	.1828794	.0999582
#2	1.869713	.0057394	.0086486	33.10137	.1832214	.1006862
#3	1.876380	.0056282	.0087073	33.22816	.1816703	.1009868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5291413	141.9343	12.43002	14.86252	.2010525	-.002596
Stddev	.0041450	.4711	.04660	.01930	.0006201	.000356
%RSD	.7833363	.3319256	.3749067	.1298632	.3084461	13.69700
#1	.5291827	142.0810	12.44856	14.84063	.2008640	-.002791
#2	.5249758	141.4073	12.37701	14.86982	.2017450	-.002186
#3	.5332654	142.3146	12.46450	14.87710	.2005485	-.002811

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.488923	.1504526	4.974233	5.161644	F 11.70034	-.007124
Stddev	.131509	.0073460	.014792	.135924	.02587	.001397
%RSD	5.283782	4.882573	.2973789	2.633345	.2210778	19.60590
#1	2.635580	.1532135	4.965925	5.078523	11.67048	-.008531
#2	2.449702	.1421262	4.965461	5.318502	11.71460	-.007102
#3	2.381486	.1560181	4.991311	5.087908	11.71594	-.005738

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4933-20A Acquired: 12/13/2024 18:07:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112249	3.127835	9.851193	.3366772	1.182287	-.001265
Stddev	.0001830	.014065	.043793	.0002171	.005944	.000092
%RSD	1.630138	.4496760	.4445448	.0644902	.5027152	7.291008
#1	.0110897	3.111772	9.839734	.3364275	1.184544	-.001300
#2	.0114331	3.133791	9.814269	.3367823	1.175546	-.001335
#3	.0111518	3.137942	9.899576	.3368217	1.186773	-.001161

Elem	Li6707
Units	ppm
Avg	.0341400
Stddev	.0049461
%RSD	14.48764
#1	.0394164
#2	.0333946
#3	.0296089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.553	30251.26	2637.097	2209.891	3108.113
Stddev	2.409	165.42	16.222	13.686	4.601
%RSD	.0882408	.5468173	.6151299	.6193149	.1480212
#1	2732.149	30131.91	2618.366	2202.729	3109.144
#2	2727.782	30181.79	2646.309	2201.273	3103.084
#3	2731.730	30440.09	2646.614	2225.672	3112.111

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-08 Acquired: 12/13/2024 18:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634755	.0541542	.4997264	-.006163	.0363001	96.66659	2.527213
Stddev	.0016646	.0020444	.0065633	.003376	.0022576	.87162	.024318
%RSD	2.622492	3.775206	1.313377	54.78378	6.219336	.9016735	.9622603
#1	.0628094	.0523000	.4930994	-.004858	.0339932	97.22888	2.540147
#2	.0622471	.0538159	.4998559	-.003634	.0385050	95.66254	2.499161
#3	.0653701	.0563467	.5062240	-.009997	.0364020	97.10833	2.542332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081105	.0233154	785.5191	.1608489	.2205243	.2310907	234.9635
Stddev	.0000310	.0005036	6.2351	.0119402	.0039078	.0061819	2.0187
%RSD	.3822916	2.159963	.7937598	7.423212	1.772050	2.675116	.8591760
#1	.0080790	.0227424	789.1685	.1737730	.2160452	.2316867	236.0040
#2	.0081113	.0235161	778.3196	.1502283	.2232371	.2246323	232.6367
#3	.0081410	.0236878	789.0691	.1585453	.2222906	.2369530	236.2497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.75557	236.6009	.3516946	-.018797	2.616964	.2069055	1.315733
Stddev	.26232	1.5061	.0060194	.003626	.248665	.0002178	.074778
%RSD	.9122322	.6365384	1.711536	19.29175	9.502042	.1052668	5.683348
#1	28.90911	237.6023	.3449761	-.022684	2.838117	.2066657	1.395690
#2	28.45268	234.8689	.3535111	-.015505	2.347791	.2069596	1.247526
#3	28.90491	237.3315	.3565965	-.018203	2.664984	.2070911	1.303983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.184651	4.764528	-.016650	.0056584	6.042859	11.51572	.0350034
Stddev	.184692	.091334	.004803	.0003343	.126569	.26045	.0012279
%RSD	5.799451	1.916956	28.84620	5.907963	2.094522	2.261731	3.507944
#1	3.340282	4.659519	-.022131	.0052824	5.896923	11.79186	.0343419
#2	2.980560	4.808559	-.013174	.0059220	6.108988	11.27447	.0364202
#3	3.233111	4.825505	-.014647	.0057707	6.122665	11.48083	.0342481

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-08 Acquired: 12/13/2024 18:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8695118	1.435449	.1538628
Stddev	.0081511	.012898	.0003442
%RSD	.9374278	.8985377	.2237107
#1	.8740155	1.443476	.1535105
#2	.8601027	1.420571	.1541983
#3	.8744173	1.442300	.1538797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.145	27509.35	2571.930	2000.174	2662.049
Stddev	33.894	1521.98	30.093	105.923	46.798
%RSD	1.350284	5.532604	1.170040	5.295699	1.757983
#1	2548.701	25861.53	2538.957	1888.105	2715.951
#2	2485.045	28862.36	2597.911	2098.637	2631.777
#3	2496.690	27804.16	2578.922	2013.781	2638.419

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-09 Acquired: 12/13/2024 18:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322374	.0191630	.2081420	-.017133	.0297585	99.40617	1.543755
Stddev	.0045262	.0012906	.0009221	.003764	.0004149	.41774	.003432
%RSD	14.04037	6.734682	.4429910	21.96722	1.394085	.4202345	.2222948
#1	.0322752	.0205592	.2085841	-.018047	.0296715	99.08898	1.540997
#2	.0367447	.0189158	.2087599	-.020356	.0302100	99.25004	1.542670
#3	.0276924	.0180138	.2070822	-.012997	.0293941	99.87949	1.547598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086076	.0080447	583.7717	.1445857	.1358684	.2101292	198.2020
Stddev	.0001066	.0000387	1.9836	.0007846	.0004471	.0064782	.4192
%RSD	1.238810	.4810186	.3397857	.5426303	.3290914	3.082980	.2115258
#1	.0085293	.0080874	582.9076	.1438712	.1356258	.2158267	198.1776
#2	.0085644	.0080120	582.3667	.1444605	.1355950	.2114781	197.7956
#3	.0087291	.0080348	586.0407	.1454253	.1363844	.2030827	198.6330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.296670	81.41379	.2536075	-.018009	1.995977	.1919521	.9618992
Stddev	.013462	.49998	.0009013	.001171	.364997	.0054734	.0043784
%RSD	.2541536	.6141202	.3554129	6.501041	18.28662	2.851436	.4551831
#1	5.282762	81.05148	.2529556	-.019338	1.574655	.1980339	.9584793
#2	5.297614	81.20569	.2546361	-.017130	2.197233	.1874223	.9603845
#3	5.309635	81.98421	.2532310	-.017560	2.216044	.1904000	.9668338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.907255	3.896529	-.026304	.0048577	1.852795	12.31799	.0287266
Stddev	.043771	.005070	.001574	.0005184	.015491	.05481	.0006367
%RSD	2.294981	.1301091	5.982171	10.67214	.8361041	.4449788	2.216365
#1	1.862933	3.897036	-.025773	.0052893	1.834912	12.34848	.0286066
#2	1.950454	3.891226	-.025064	.0042827	1.862114	12.25471	.0281586
#3	1.908378	3.901327	-.028074	.0050012	1.861358	12.35078	.0294148

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-09 Acquired: 12/13/2024 18:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.027171	1.515805	.1445141
Stddev	.007496	.004118	.0017401
%RSD	.7297646	.2716589	1.204108
#1	1.020956	1.513533	.1428403
#2	1.025061	1.513322	.1463137
#3	1.035496	1.520558	.1443882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.944	27721.64	2509.253	2015.639	2787.403
Stddev	3.109	27.47	7.762	3.314	4.055
%RSD	.1257322	.0991021	.3093539	.1643949	.1454877
#1	2471.370	27753.30	2510.978	2011.858	2786.429
#2	2470.937	27707.49	2516.007	2018.039	2783.923
#3	2476.526	27704.12	2500.773	2017.020	2791.856

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-13 Acquired: 12/13/2024 18:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404039	.0253719	.3350630	-.030353	.0285205	101.1419
Stddev	.0027518	.0032843	.0056133	.006759	.0014237	.1984
%RSD	6.810641	12.94478	1.675299	22.26722	4.991836	.1961943
#1	.0390598	.0277184	.3403290	-.035867	.0273009	101.3597
#2	.0385825	.0216185	.3357028	-.032380	.0281757	101.0944
#3	.0435694	.0267787	.3291572	-.022813	.0300849	100.9715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484141	.0085974	.0097633	F 1214.946	.1516195	.1442684
Stddev	.004739	.0001083	.0000634	5.206	.0007097	.0005202
%RSD	.3193253	1.259955	.6497772	.4285227	.4680563	.3605760
#1	1.489177	.0085901	.0098344	1220.911	.1519078	.1448481
#2	1.483480	.0087092	.0097429	1212.606	.1508111	.1438424
#3	1.479768	.0084929	.0097126	1211.319	.1521397	.1441146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2125471	210.8963	7.376397	453.7781	.2730719	-.018680
Stddev	.0058827	.4015	.016296	.5755	.0020221	.000501
%RSD	2.767707	.1904009	.2209151	.1268211	.7404846	2.682251
#1	.2150727	211.3579	7.394980	454.4175	.2748168	-.018765
#2	.2058234	210.7043	7.364545	453.6149	.2708559	-.018142
#3	.2167454	210.6269	7.369667	453.3018	.2735431	-.019133

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.910370	.1837002	1.458538	3.901360	4.178525	-.003419
Stddev	.569230	.0052739	.013620	.085858	.013330	.003190
%RSD	19.55868	2.870908	.9338242	2.200716	.3190015	93.28734
#1	3.509188	.1826796	1.449659	3.988172	4.189063	-.003805
#2	2.845661	.1790112	1.451735	3.816489	4.182972	-.000054
#3	2.376259	.1894097	1.474219	3.899418	4.163541	-.006399

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-13 Acquired: 12/13/2024 18:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040507	9.556459	11.51110	.0366500	.9188303	1.594703
Stddev	.0002394	.044071	.04340	.0010908	.0042090	.004731
%RSD	5.909499	.4611672	.3770147	2.976139	.4580766	.2966856
#1	.0039366	9.606168	11.56076	.0373064	.9215351	1.599413
#2	.0043258	9.541040	11.49207	.0372527	.9209748	1.594747
#3	.0038898	9.522169	11.48047	.0353909	.9139810	1.589951

Elem	Li6707
Units	ppm
Avg	.1823691
Stddev	.0049017
%RSD	2.687793
#1	.1813747
#2	.1780408
#3	.1876918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.604	25919.26	2440.045	1877.581	2474.510
Stddev	7.519	138.76	16.750	9.788	4.480
%RSD	.3251279	.5353379	.6864616	.5213067	.1810640
#1	2321.285	25809.36	2421.960	1873.702	2477.173
#2	2308.346	26075.17	2455.026	1888.714	2469.338
#3	2308.179	25873.24	2443.148	1870.328	2477.021

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-14 Acquired: 12/13/2024 18:22:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368451	.0322387	.4594240	-.037481	.0047220	18.97166
Stddev	.0018394	.0013281	.0024369	.004434	.0011913	.00922
%RSD	4.992209	4.119600	.5304176	11.82868	25.22919	.0486121
#1	.0383625	.0323043	.4613400	-.037000	.0060857	18.96124
#2	.0347994	.0335329	.4602506	-.033307	.0038833	18.97499
#3	.0373735	.0308791	.4566813	-.042135	.0041971	18.97876

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715348	.0028360	.0059765	F 1365.029	.0505906	.0771337
Stddev	.0000642	.0000849	.0001054	11.197	.0005438	.0005944
%RSD	.0374221	2.992571	1.763073	.8202468	1.074983	.7705743
#1	.1715002	.0027549	.0058624	1376.703	.0501207	.0764475
#2	.1714953	.0029242	.0060701	1364.003	.0504648	.0774867
#3	.1716089	.0028290	.0059970	1354.380	.0511863	.0774670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1766754	89.71418	7.758857	720.5492	.0844714	-.006489
Stddev	.0039187	.30863	.025529	1.7691	.0010717	.000771
%RSD	2.218031	.3440141	.3290343	.2455279	1.268683	11.88889
#1	.1811980	89.79947	7.742776	718.8283	.0841232	-.007314
#2	.1742878	89.37188	7.745503	720.4563	.0836171	-.006365
#3	.1745404	89.97120	7.788294	722.3629	.0856739	-.005786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.184703	.0496494	1.022391	9.847265	2.466443	.0813497
Stddev	.194154	.0032261	.009923	.131015	.002061	.0022856
%RSD	6.096453	6.497726	.9705523	1.330466	.0835582	2.809623
#1	3.400488	.0531028	1.014379	9.899055	2.468718	.0831013
#2	3.129473	.0491325	1.033490	9.944468	2.465907	.0787642
#3	3.024148	.0467130	1.019303	9.698272	2.464703	.0821835

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-14 Acquired: 12/13/2024 18:22:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001303	24.68342	8.704825	.0551952	.1746524	.5418887
Stddev	.000407	.07224	.045405	.0013106	.0025832	.0012337
%RSD	31.21995	.2926664	.5216050	2.374542	1.479069	.2276648
#1	-.001096	24.76359	8.757020	.0540115	.1716817	.5415023
#2	-.001041	24.62337	8.674445	.0566037	.1763705	.5408945
#3	-.001772	24.66331	8.683010	.0549705	.1759051	.5432693

Elem	Li6707
Units	ppm
Avg	.0627083
Stddev	.0020601
%RSD	3.285245
#1	.0640523
#2	.0637362
#3	.0603365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.560	24910.67	2325.484	1784.641	2447.931
Stddev	1.085	96.40	8.993	5.725	1.683
%RSD	.0493565	.3869979	.3867240	.3208155	.0687330
#1	2197.070	24967.84	2316.607	1779.377	2449.094
#2	2196.807	24799.37	2334.589	1783.810	2446.002
#3	2198.803	24964.81	2325.255	1790.737	2448.698

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/13/2024 18:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813776	4.949035	23.72527	4.517203	4.616963	382.4420	9.738916
Stddev	.006047	.018769	.05322	.009058	.022767	1.8883	.045976
%RSD	.1256269	.3792396	.2242993	.2005165	.4931114	.4937541	.4720815
#1	4.809861	4.938247	23.70245	4.512067	4.610509	384.6205	9.790694
#2	4.810726	4.938150	23.68728	4.511880	4.598121	381.4318	9.723178
#3	4.820741	4.970707	23.78609	4.527661	4.642261	381.2736	9.702876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4818012	2.370615	394.3218	14.60725	2.336108	14.91390	394.7957
Stddev	.0054980	.005747	2.1776	.08538	.003857	.06989	1.8918
%RSD	1.141131	.2424380	.5522322	.5844727	.1650896	.4686337	.4791801
#1	.4865982	2.369943	396.7545	14.57638	2.335590	14.97876	396.9240
#2	.4758014	2.365233	392.5546	14.54161	2.332536	14.92305	394.1579
#3	.4830039	2.376668	393.6564	14.70377	2.340197	14.83988	393.3053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72782	379.4505	2.393647	1.224453	383.4285	2.456351	13.70404
Stddev	.07325	2.5109	.003441	.008043	2.7568	.011746	.05786
%RSD	.4973364	.6617281	.1437750	.6568750	.7189807	.4782022	.4221818
#1	14.80598	382.1286	2.394387	1.226783	386.2366	2.465281	13.64267
#2	14.71671	379.0738	2.389896	1.215503	383.3229	2.460727	13.75758
#3	14.66076	377.1493	2.396658	1.231074	380.7261	2.443044	13.71186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	142.6892	4.724129	4.669166	4.634931	4.663444	4.836362	4.806605
Stddev	.3400	.009809	.043264	.017398	.005868	.040522	.007361
%RSD	.2383078	.2076261	.9265979	.3753614	.1258193	.8378580	.1531427
#1	143.0791	4.727676	4.706850	4.624087	4.661175	4.873653	4.803283
#2	142.4539	4.713040	4.621921	4.625706	4.659049	4.793241	4.801491
#3	142.5347	4.731670	4.678727	4.654998	4.670107	4.842192	4.815042

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/13/2024 18:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.966945	4.603634	5.033048
Stddev	.046413	.019556	.028507
%RSD	.9344355	.4247878	.5663955
#1	5.020502	4.624478	5.065073
#2	4.938464	4.600734	5.023625
#3	4.941869	4.585691	5.010445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.289	23958.18	2201.525	1643.009	2564.802
Stddev	4.315	14.42	15.285	3.462	1.994
%RSD	.2212571	.0601993	.6942840	.2107199	.0777311
#1	1952.825	23953.00	2183.911	1644.569	2564.004
#2	1952.734	23974.48	2209.355	1639.041	2567.071
#3	1945.306	23947.06	2211.308	1645.417	2563.330

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB010 Acquired: 12/13/2024 18:45:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001048	.0015622	-.000063	-.001501	.0023237	-.005267
Stddev	.003591	.0017781	.002139	.004861	.0035446	.006589
%RSD	342.4958	113.8195	3384.740	323.8174	152.5364	125.0934
#1	-.001557	.0002186	.002110	-.003817	.0030964	.001013
#2	.002770	.0035784	-.000132	.004085	.0054182	-.012127
#3	-.004358	.0008894	-.002167	-.004772	-.001543	-.004687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011479	.0000530	-.000036	-.022312	-.000413	.0005170
Stddev	.0006824	.0000686	.000028	.018443	.000237	.0003642
%RSD	59.44674	129.2768	78.19773	82.65857	57.32248	70.44407
#1	.0003609	.0000038	-.000058	-.029729	-.000326	.0007926
#2	.0015080	.0001314	-.000004	-.035891	-.000233	.0001041
#3	.0015747	.0000240	-.000046	-.001315	-.000682	.0006543

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004542	-.012112	.0004299	-.005828	-.000420	.0011318
Stddev	.006074	.012182	.0006923	.113012	.000460	.0021146
%RSD	133.7303	100.5771	161.0574	1939.144	109.3856	186.8322
#1	-.009471	-.006201	.0002645	.039204	-.000508	.0026222
#2	-.006400	-.004014	.0011899	.077726	.000077	-.001288
#3	.002244	-.026123	-.000165	-.134414	-.000830	.002062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.050937	-.013714	.0019596	-.498972	-.002359	-.007139
Stddev	.718059	.005394	.0087051	.100986	.000574	.001122
%RSD	35.01126	39.32982	444.2326	20.23884	24.32173	15.72183
#1	2.723765	-.008377	.0101126	-.517880	-.001733	-.006019
#2	2.134147	-.013603	-.007209	-.589169	-.002860	-.008263
#3	1.294898	-.019163	.002975	-.389869	-.002484	-.007135

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Sample Name: CCB010 Acquired: 12/13/2024 18:45:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.004184	-.040186	-.000640	-.002991	-.000192
Stddev	.000276	.003357	.000765	.001109	.003707	.000122
%RSD	306.5233	80.23703	1.902533	173.2073	123.9496	63.81632
#1	-.000404	-.004570	-.040106	.000226	.000745	-.000160
#2	.000115	-.007330	-.039465	-.001891	-.003049	-.000088
#3	.000019	-.000650	-.040988	-.000256	-.006668	-.000327

Elem	Li6707
Units	ppm
Avg	F -.045068
Stddev	.005451
%RSD	12.09515
#1	-.046078
#2	-.039183
#3	-.049944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.826	26512.75	2320.467	1958.268	3294.821
Stddev	4.656	71.17	13.738	7.268	8.487
%RSD	.1936966	.2684400	.5920305	.3711534	.2575722
#1	2401.282	26478.98	2313.794	1953.840	3285.022
#2	2400.995	26594.52	2311.340	1954.309	3299.630
#3	2409.199	26464.74	2336.267	1966.657	3299.810