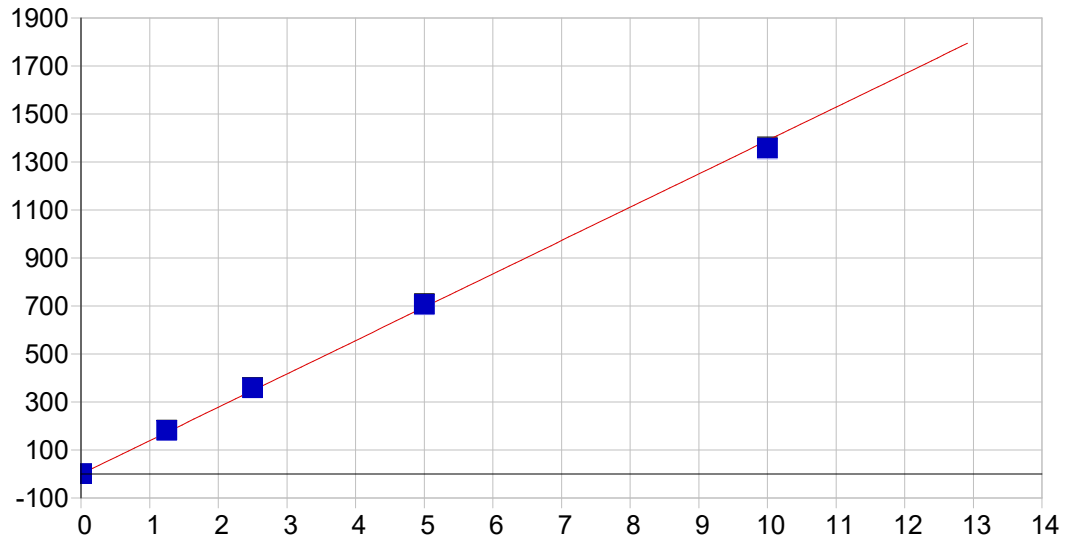
Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



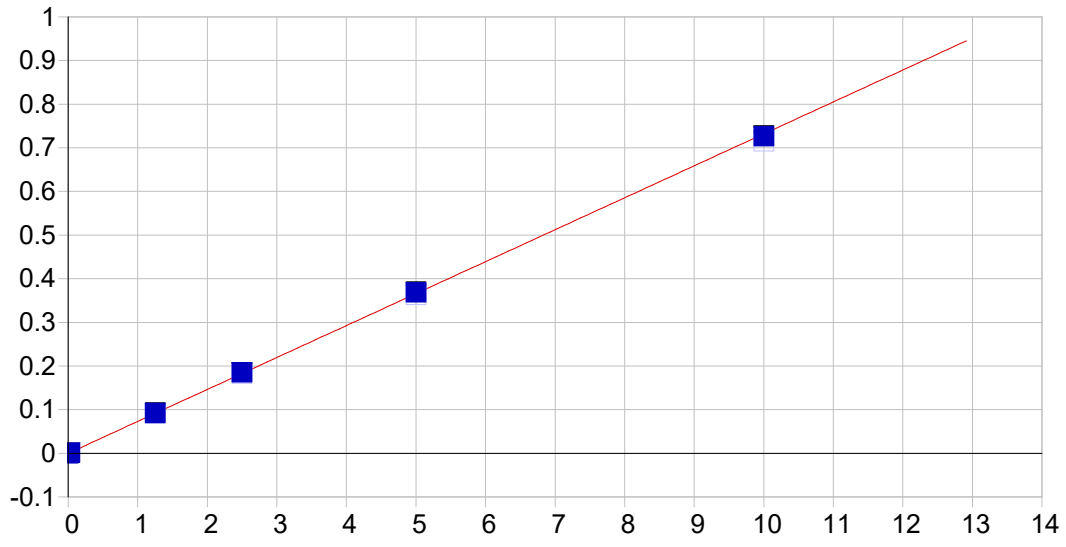
As 189.042 {478}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.050262	Re-Slope:	1.000000
A1 (Gain):	138.943569	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999669	Status:	OK.
Std Error of Est:	0.059665		
Predicted MDL:	0.005088		
Predicted MQL:	0.016960		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.05065	.144	1
S1	.01000	.01204	.002	20.4	1.6204	.626	1
S2	1.2500	1.3064	.056	4.51	180.74	1.14	1
S3	2.5000	2.5843	.084	3.37	357.56	.641	1
S4	5.0000	5.0834	.083	1.67	703.34	2.69	1
S5	10.000	9.7739	-.226	-2.26	1352.1	5.06	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



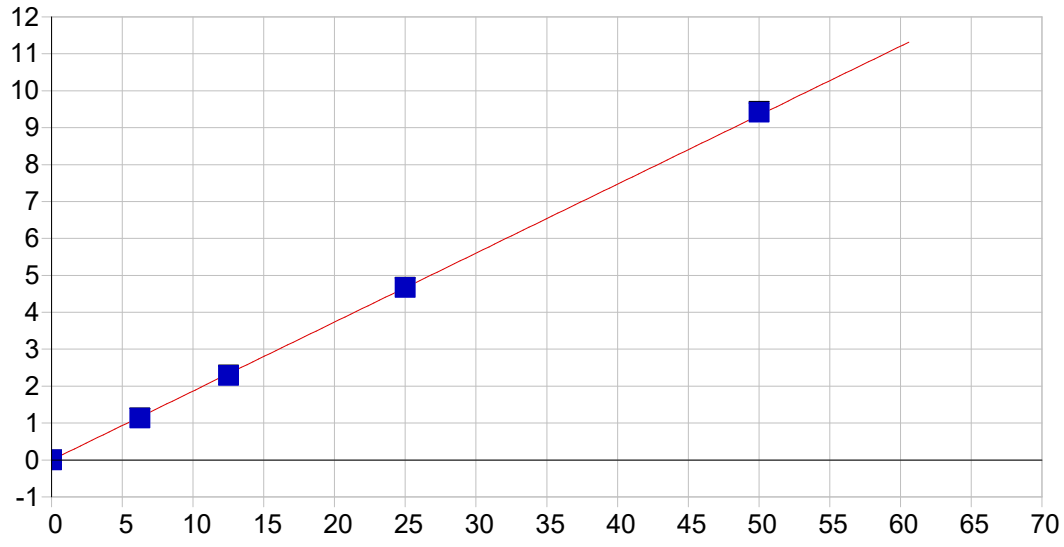
Tl 190.856 {477}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000166	Re-Slope:	1.000000
A1 (Gain):	0.073211	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.002722		
Predicted MQL:	0.009073		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.02500	.02358	-.001	-5.66	.00149	.000	1
S2	1.2500	1.2590	.009	.720	.09059	.001	1
S3	2.5000	2.5322	.032	1.29	.18239	.000	1
S4	5.0000	5.0370	.037	.741	.36293	.001	1
S5	10.000	9.9231	-.077	-.769	.71498	.002	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



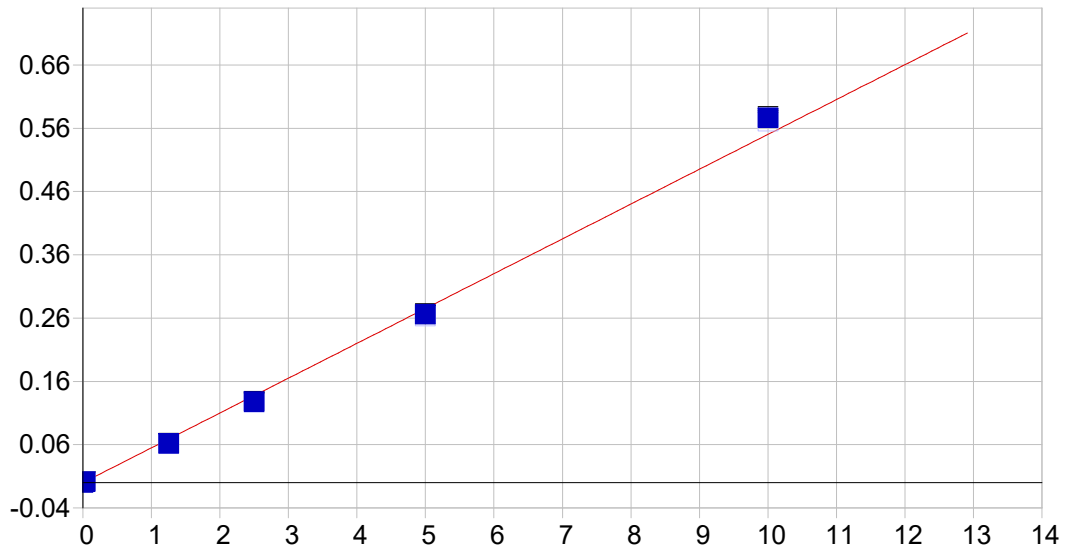
Pb 220.353 {453}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000125	Re-Slope:	1.000000
A1 (Gain):	0.186745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.002456		
Predicted MQL:	0.008186		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.001	1
S1	.01000	.01030	.000	2.99	.00204	.000	1
S2	6.2500	6.0554	-.195	-3.11	1.1298	.001	1
S3	12.500	12.254	-.246	-1.97	2.2864	.009	1
S4	25.000	25.000	-.000	-.001	4.6643	.011	1
S5	50.000	50.440	.440	.880	9.4109	.025	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



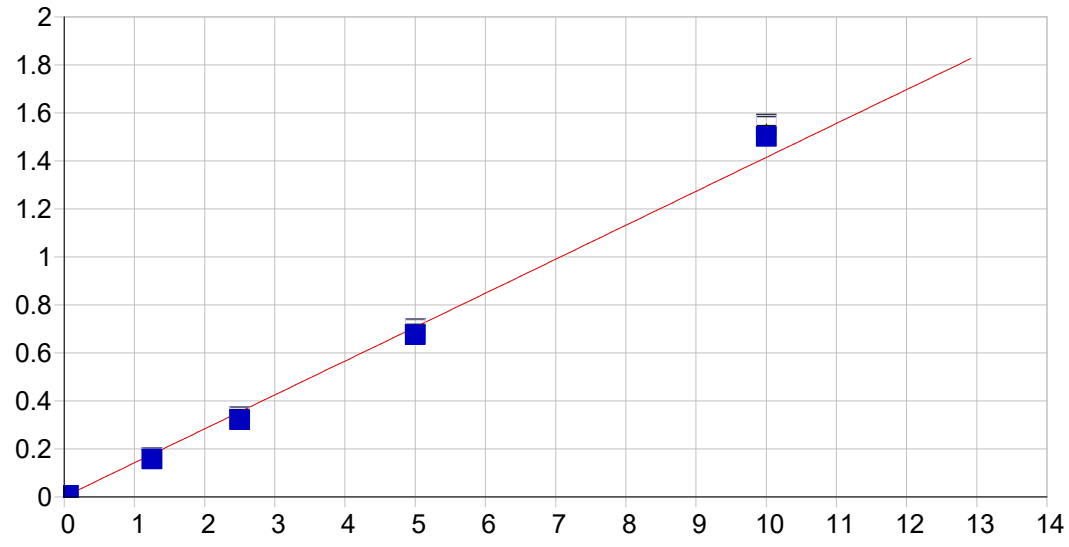
Se 196.090 {472}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000118	Re-Slope:	1.000000
A1 (Gain):	0.055046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998485	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.005122		
Predicted MQL:	0.017075		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00012	.000	1
S1	.03500	.02614	-.009	-25.3	.00132	.000	1
S2	1.2500	1.1261	-.124	-9.91	.06115	.000	1
S3	2.5000	2.3224	-.178	-7.11	.12627	.001	1
S4	5.0000	4.8310	-.169	-3.38	.26292	.001	1
S5	10.000	10.479	.479	4.79	.57096	.002	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



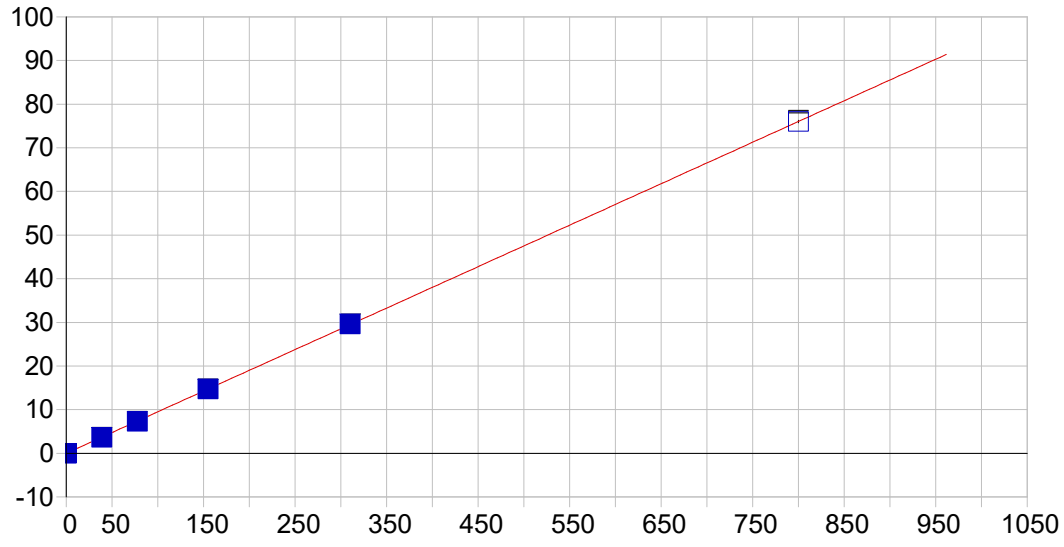
Sb 206.833 {463}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000587	Re-Slope:	1.000000
A1 (Gain):	0.141381	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997816	Status:	OK.
Std Error of Est:	0.000398		
Predicted MDL:	0.002776		
Predicted MQL:	0.009253		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00059	.000	1
S1	.06000	.04767	-.012	-20.5	.00733	.000	1
S2	1.2500	1.1070	-.143	-11.4	.16300	.001	1
S3	2.5000	2.2666	-.233	-9.33	.33286	.002	1
S4	5.0000	4.7771	-.223	-4.46	.69961	.002	1
S5	10.000	10.611	.611	6.11	1.5481	.006	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



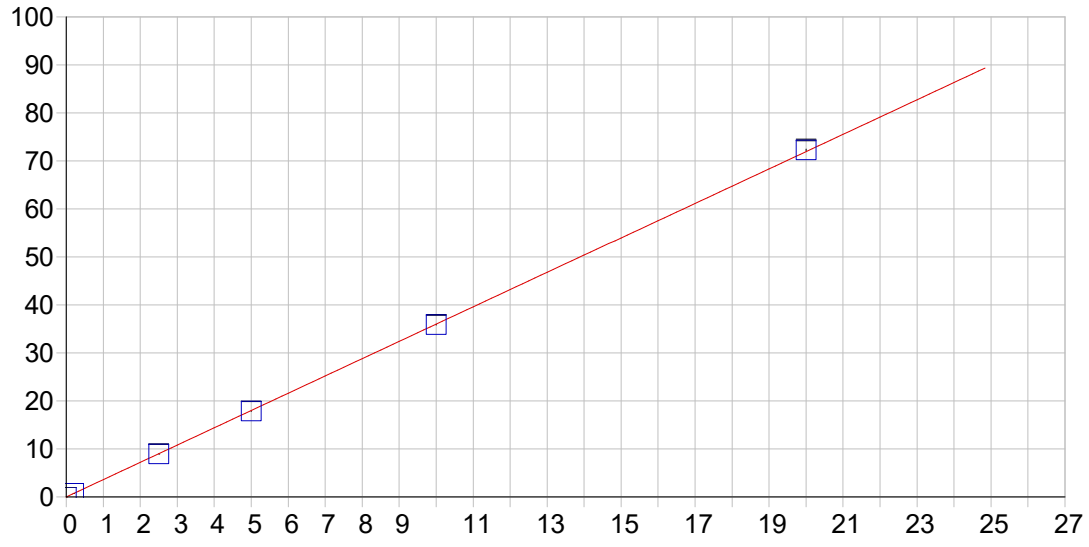
Al 396.152 { 85}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000557	Re-Slope:	1.000000
A1 (Gain):	0.095047	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000202		
Predicted MDL:	0.023391		
Predicted MQL:	0.077970		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00056	.002	1
S1	.20000	.18401	-.016	-7.99	.01696	.001	1
S2	38.750	38.536	-.214	-.553	3.6661	.006	1
S3	77.500	76.871	-.629	-.811	7.3138	.009	1
S4	155.00	154.58	-.423	-.273	14.707	.035	1
S5	310.00	311.52	1.52	.490	29.640	.036	1
S6	800.00	799.76	-.235	-.029	76.014	.305	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



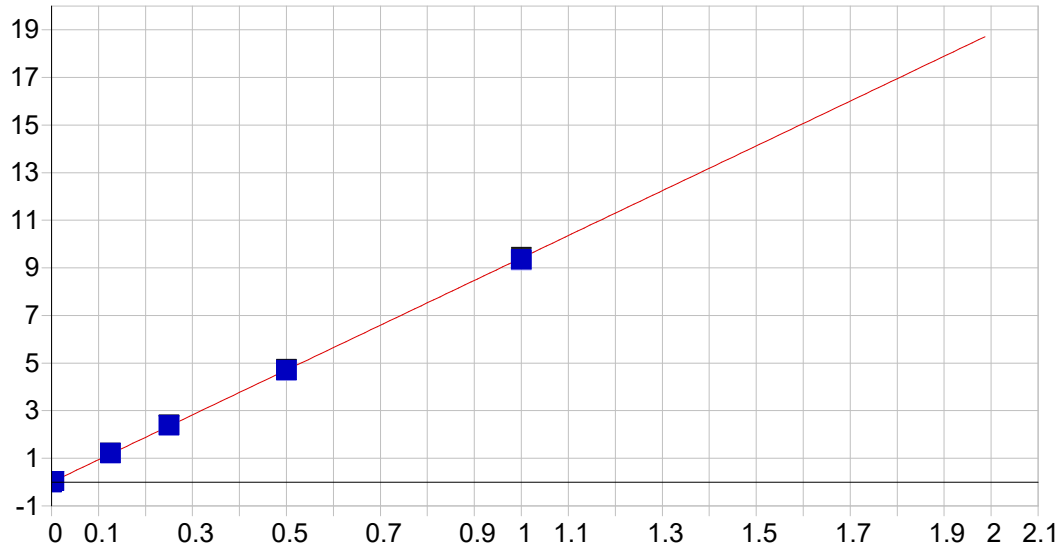
Ba 493.409 { 68}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016437	Re-Slope:	1.000000
A1 (Gain):	3.596620	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.002024		
Predicted MDL:	0.001151		
Predicted MQL:	0.003838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01646	.005	1
S1	.20000	.19711	-.003	-1.44	.72538	.006	1
S2	2.5000	2.4827	-.017	-.692	8.9457	.013	1
S3	5.0000	4.9586	-.041	-.828	17.851	.029	1
S4	10.000	9.9672	-.033	-.328	35.865	.066	1
S5	20.000	20.094	.094	.472	72.288	.177	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



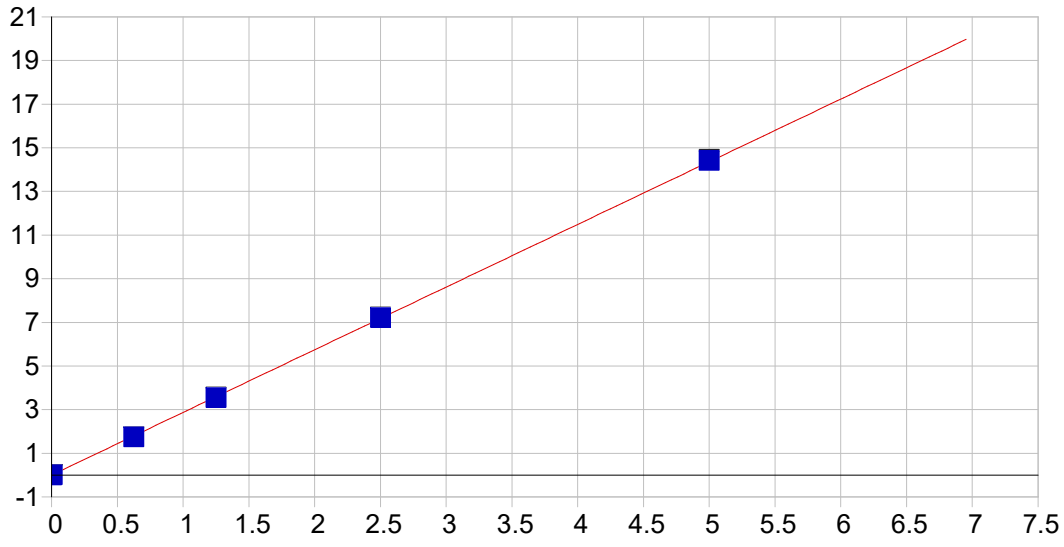
Be 234.861 {144}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000152	Re-Slope:	1.000000
A1 (Gain):	9.416802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000364		
Predicted MDL:	0.000125		
Predicted MQL:	0.000418		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.001	1
S1	.00500	.00502	.000	.398	.04708	.001	1
S2	.12500	.12878	.004	3.02	1.2071	.002	1
S3	.25000	.25317	.003	1.27	2.3731	.020	1
S4	.50000	.49970	-.000	-.059	4.6839	.034	1
S5	1.0000	.99333	-.007	-.667	9.3106	.090	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



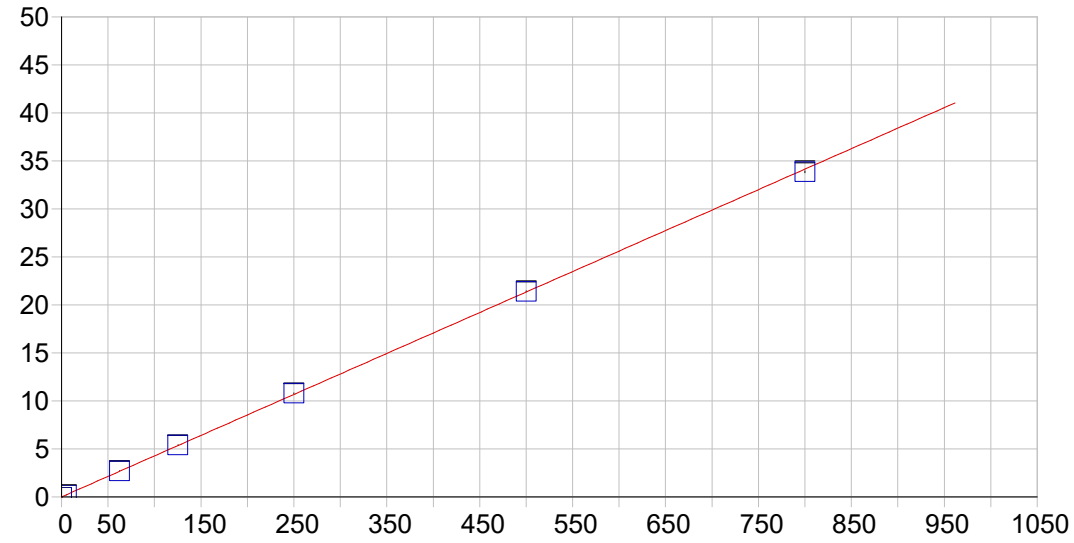
Cd 214.438 {457}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000045	Re-Slope:	1.000000
A1 (Gain):	2.872245	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000215		
Predicted MDL:	0.000107		
Predicted MQL:	0.000357		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.00500	.00454	-.000	-9.26	.01304	.000	1
S2	.62500	.60853	-.016	-2.64	1.7505	.005	1
S3	1.2500	1.2366	-.013	-1.07	3.5573	.013	1
S4	2.5000	2.5123	.012	.491	7.2269	.018	1
S5	5.0000	5.0180	.018	.361	14.435	.037	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



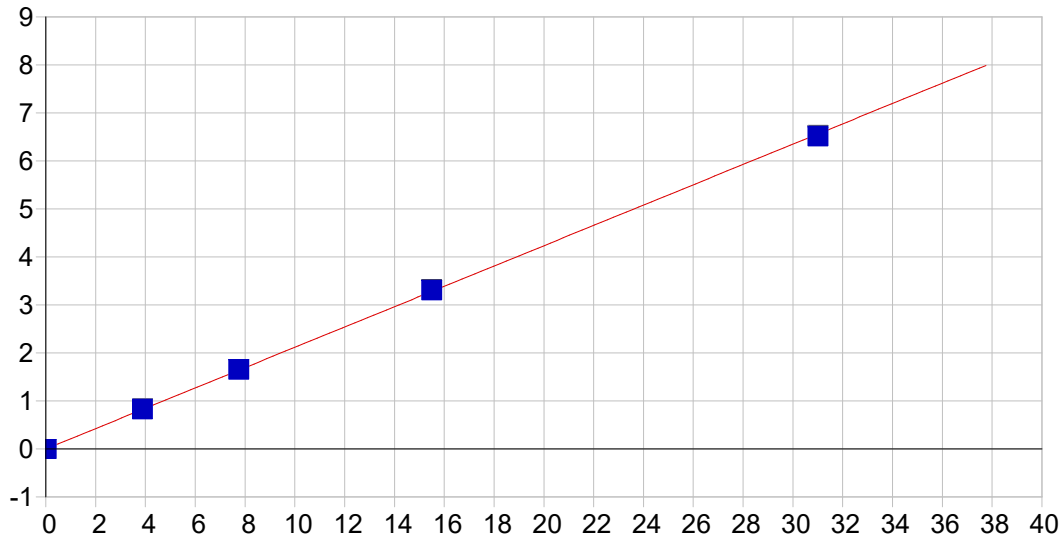
Ca 373.690 { 90}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004690	Re-Slope:	1.000000
A1 (Gain):	0.042674	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.001249		
Predicted MDL:	0.040888		
Predicted MQL:	0.136293		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00468	.001	1
S1	5.0000	4.9632	-.037	-.736	.21649	.003	1
S2	62.500	63.404	.904	1.45	2.7104	.009	1
S3	125.00	126.55	1.55	1.24	5.4049	.008	1
S4	250.00	252.64	2.64	1.06	10.786	.034	1
S5	500.00	501.67	1.67	.335	21.413	.053	1
S6	800.00	793.27	-6.73	-.841	33.857	.098	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



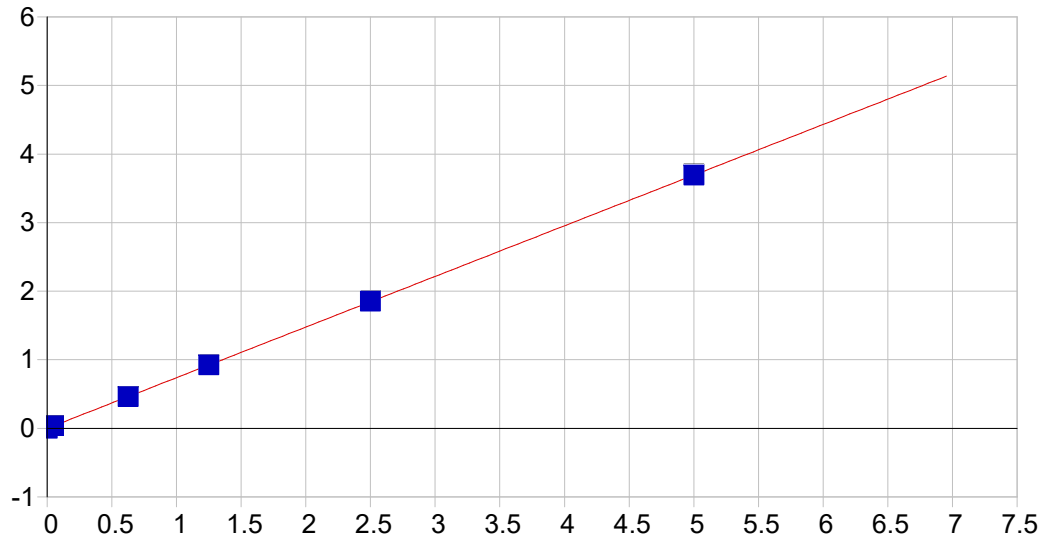
Cr 267.716 {126}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000038	Re-Slope:	1.000000
A1 (Gain):	0.211651	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.000910		
Predicted MQL:	0.003034		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.00989	-.000	-1.12	.00213	.000	1
S2	3.8750	3.9210	.046	1.19	.83057	.002	1
S3	7.7500	7.8127	.063	.810	1.6549	.001	1
S4	15.500	15.625	.125	.807	3.3096	.000	1
S5	31.000	30.766	-.234	-.754	6.5168	.016	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



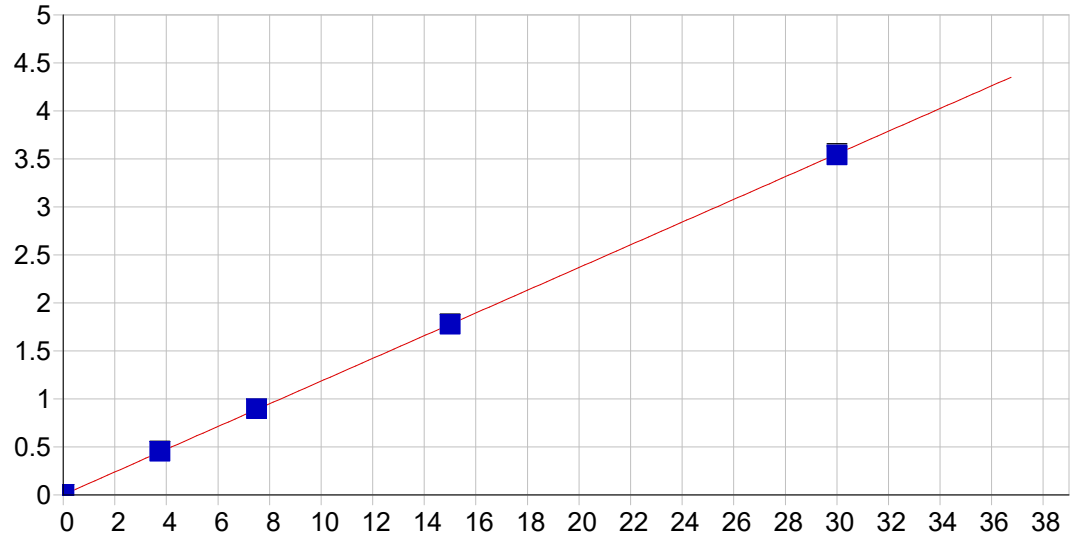
Co 228.616 {448}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000014	Re-Slope:	1.000000
A1 (Gain):	0.738523	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.000456		
Predicted MQL:	0.001519		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.05000	.04773	-.002	-4.53	.03539	.001	1
S2	.62500	.62238	-.003	-.419	.46114	.002	1
S3	1.2500	1.2485	-.002	-.123	.92501	.003	1
S4	2.5000	2.5088	.009	.351	1.8588	.003	1
S5	5.0000	4.9976	-.002	-.047	3.7028	.008	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



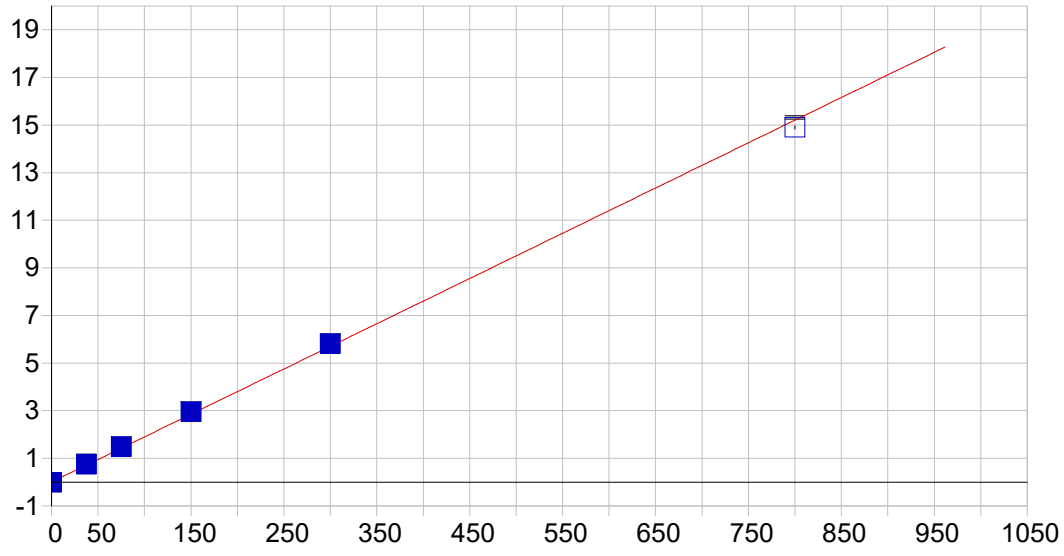
Cu 324.754 {104}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002327	Re-Slope:	1.000000
A1 (Gain):	0.118307	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.008816		
Predicted MQL:	0.029386		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.000	1
S1	.02500	.02368	-.001	-5.27	.00513	.000	1
S2	3.7500	3.8130	.063	1.68	.45338	.002	1
S3	7.5000	7.5477	.048	.636	.89517	.003	1
S4	15.000	14.995	-.005	-.034	1.7761	.003	1
S5	30.000	29.896	-.104	-.348	3.5388	.014	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



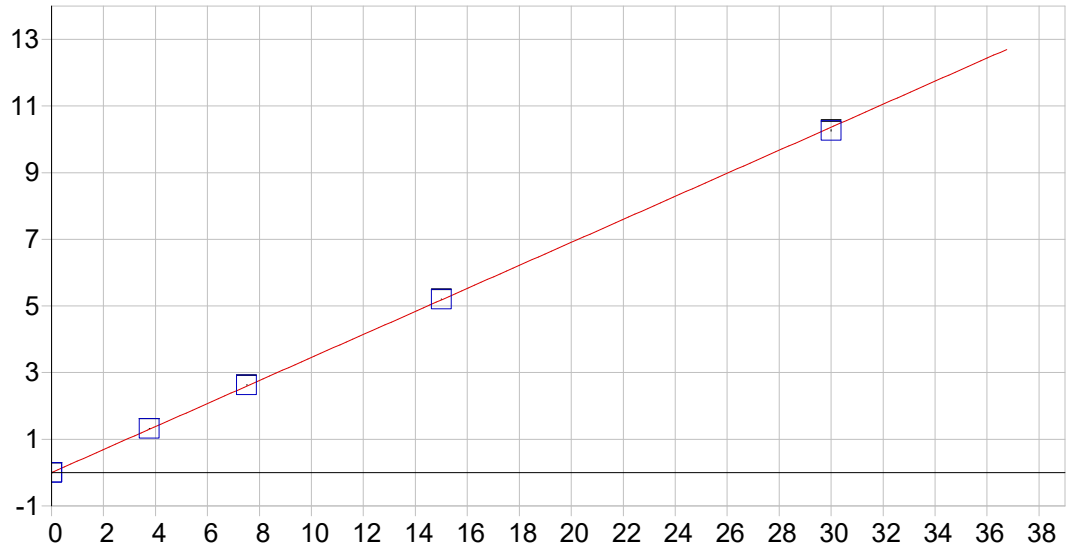
Fe 259.837 {130}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000016	Re-Slope:	1.000000
A1 (Gain):	0.019008	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999701	Status:	OK.
Std Error of Est:	0.000203		
Predicted MDL:	0.035805		
Predicted MQL:	0.119348		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00002	.000	1
S1	.10000	.07842	-.022	-21.6	.00151	.000	1
S2	37.500	39.261	1.76	4.70	.74645	.003	1
S3	75.000	78.077	3.08	4.10	1.4845	.004	1
S4	150.00	155.17	5.17	3.45	2.9502	.006	1
S5	300.00	305.78	5.78	1.93	5.8137	.006	1
S6	800.00	784.22	-15.8	-1.97	14.907	.068	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



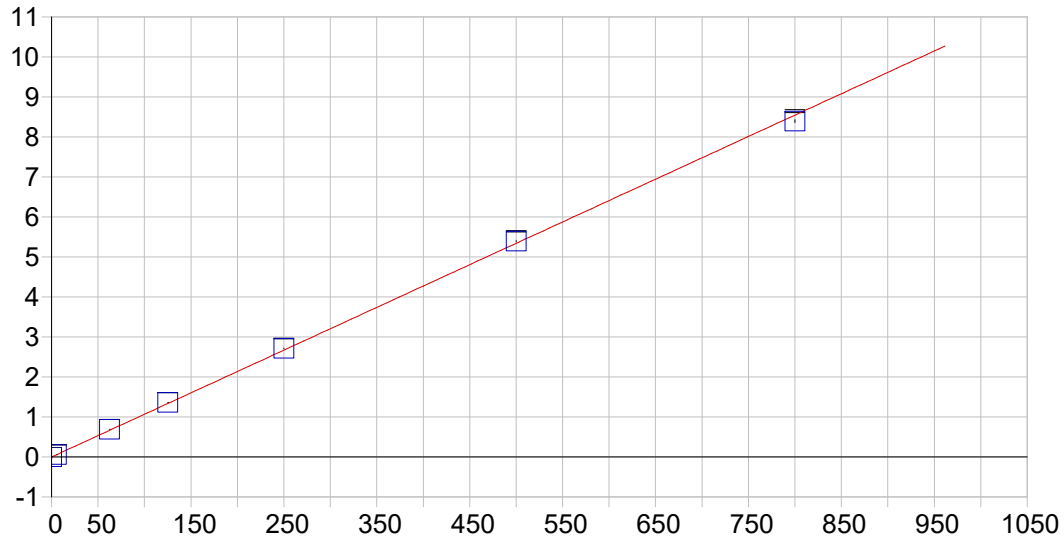
Mn 257.610 {131}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000355	Re-Slope:	1.000000
A1 (Gain):	0.345463	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000136		
Predicted MDL:	0.001622		
Predicted MQL:	0.005406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.01500	.01660	.002	10.7	.00538	.000	1
S2	3.7500	3.8408	.091	2.42	1.3265	.001	1
S3	7.5000	7.6132	.113	1.51	2.6297	.004	1
S4	15.000	15.069	.069	.457	5.2053	.012	1
S5	30.000	29.726	-.274	-.914	10.269	.023	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



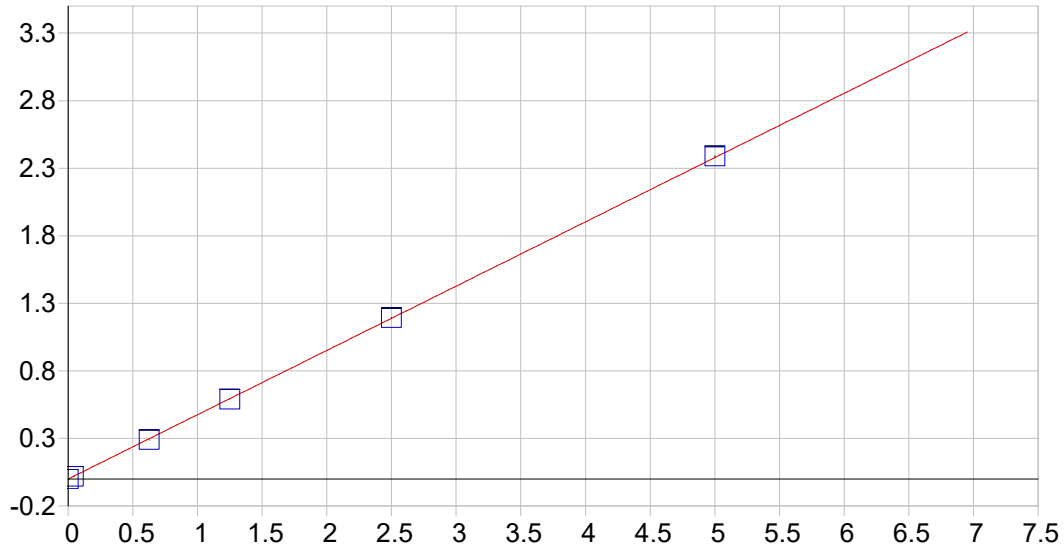
Mg 279.079 {121}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001688	Re-Slope:	1.000000
A1 (Gain):	0.010684	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000633		
Predicted MDL:	0.071982		
Predicted MQL:	0.239939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00057	-.001	.000	-.00169	.001	1
S1	5.0000	5.2479	.248	4.96	.05438	.000	1
S2	62.500	64.575	2.07	3.32	.68821	.000	1
S3	125.00	127.67	2.67	2.14	1.3623	.001	1
S4	250.00	254.19	4.19	1.68	2.7140	.007	1
S5	500.00	504.85	4.85	.971	5.3921	.013	1
S6	800.00	785.96	-14.0	-1.75	8.3953	.034	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



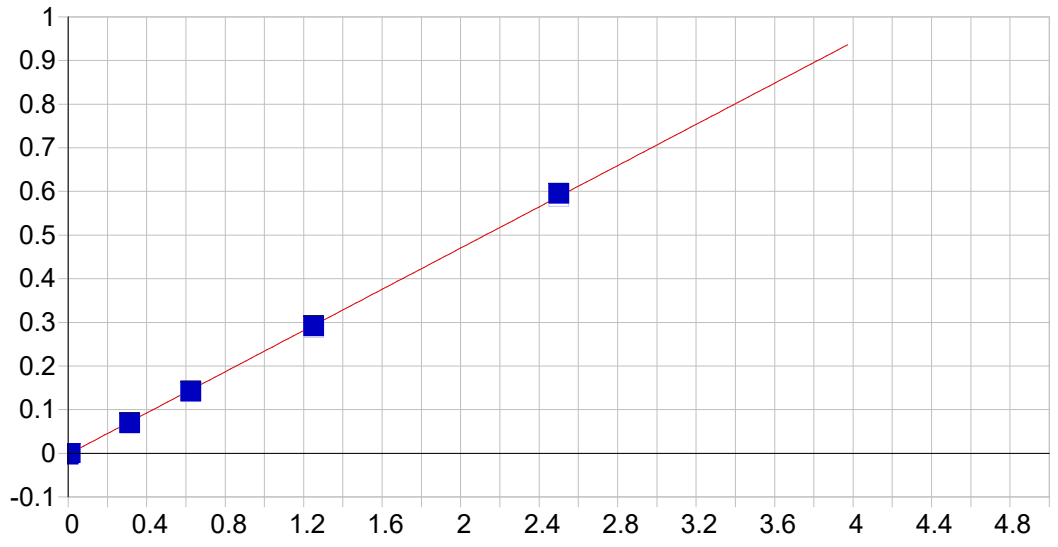
Ni 231.604 {446}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000462	Re-Slope:	1.000000
A1 (Gain):	0.475765	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000098		
Predicted MDL:	0.000735		
Predicted MQL:	0.002449		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.04000	.03760	-.002	-6.01	.01743	.000	1
S2	.62500	.60962	-.015	-2.46	.28957	.001	1
S3	1.2500	1.2397	-.010	-.827	.58933	.001	1
S4	2.5000	2.5080	.008	.322	1.1928	.004	1
S5	5.0000	5.0201	.020	.402	2.3879	.004	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



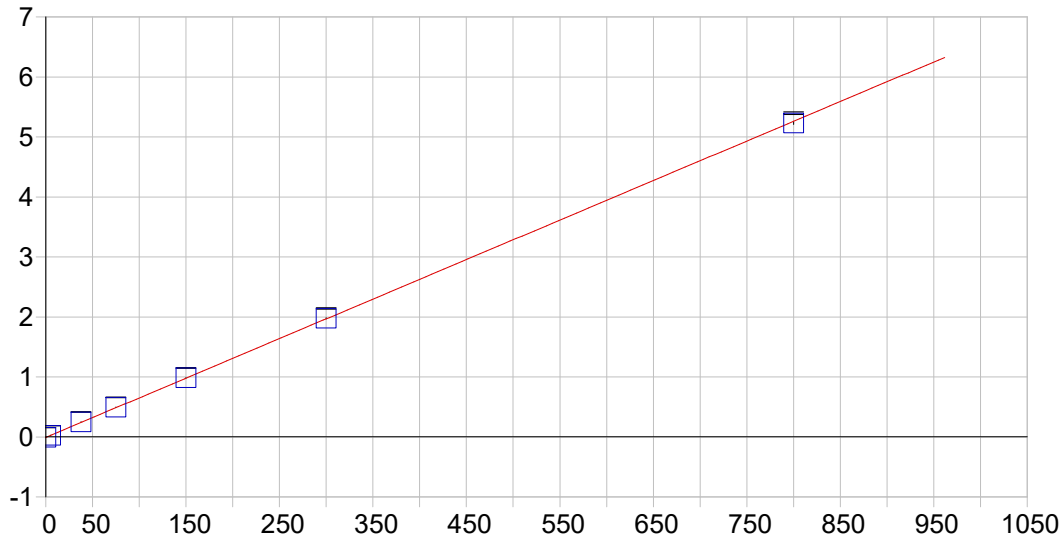
Ag 328.068 {103}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002188	Re-Slope:	1.000000
A1 (Gain):	0.236213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.001216		
Predicted MQL:	0.004052		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00219	.000	1
S1	.01000	.00979	-.000	-2.10	.00012	.000	1
S2	.31250	.30430	-.008	-2.62	.06881	.001	1
S3	.62500	.61139	-.014	-2.18	.14046	.000	1
S4	1.2500	1.2438	-.006	-.493	.28808	.000	1
S5	2.5000	2.5282	.028	1.13	.58791	.001	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



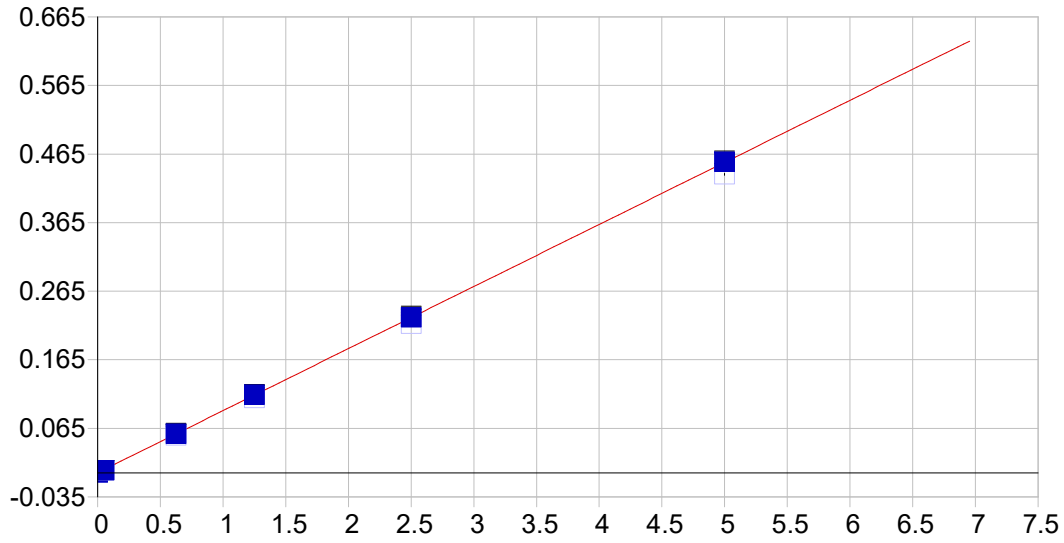
Na 818.326 { 41}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.008367	Re-Slope:	1.000000
A1 (Gain):	0.006586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000196		
Predicted MDL:	0.733123		
Predicted MQL:	2.443744		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	-.00837	.006	1
S1	5.0000	4.9094	-.091	-1.81	.02397	.004	1
S2	37.500	39.178	1.68	4.47	.24966	.002	1
S3	75.000	75.945	.945	1.26	.49180	.006	1
S4	150.00	150.79	.788	.525	.98471	.004	1
S5	300.00	301.39	1.39	.465	1.9766	.010	1
S6	800.00	795.29	-4.71	-.589	5.2293	.022	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



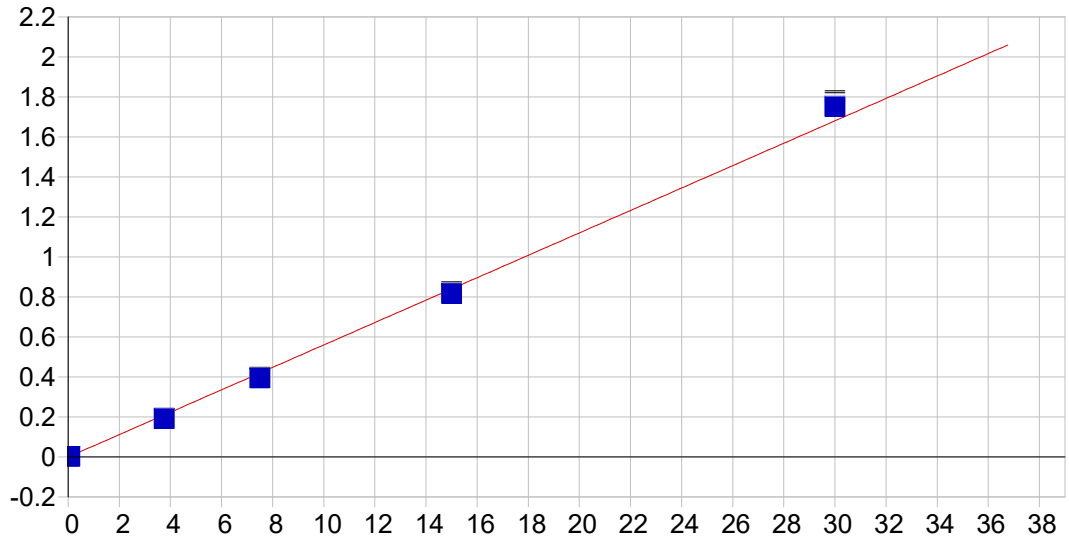
V 292.402 {115}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000246	Re-Slope:	1.000000
A1 (Gain):	0.090525	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999793	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.011563		
Predicted MQL:	0.038545		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00025	.001	1
S1	.05000	.03663	-.013	-26.7	.00355	.000	1
S2	.62500	.62738	.002	.381	.05477	.001	1
S3	1.2500	1.2531	.003	.245	.10914	.001	1
S4	2.5000	2.5016	.002	.066	.21764	.002	1
S5	5.0000	5.0068	.007	.136	.43534	.001	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



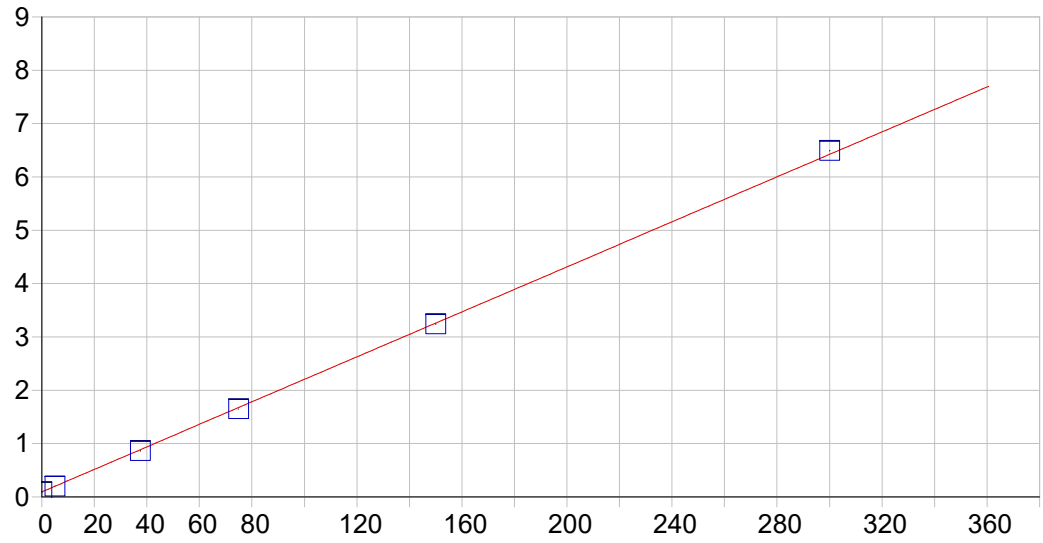
Zn 213.856 {158}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000647	Re-Slope:	1.000000
A1 (Gain):	0.056038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998911	Status:	OK.
Std Error of Est:	0.000187		
Predicted MDL:	0.008963		
Predicted MQL:	0.029878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00065	.001	1
S1	.06000	.05008	-.010	-16.5	.00217	.000	1
S2	3.7500	3.4210	-.329	-8.77	.19209	.001	1
S3	7.5000	7.0243	-.476	-6.34	.39504	.003	1
S4	15.000	14.574	-.426	-2.84	.82018	.005	1
S5	30.000	31.240	1.24	4.13	1.7582	.022	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



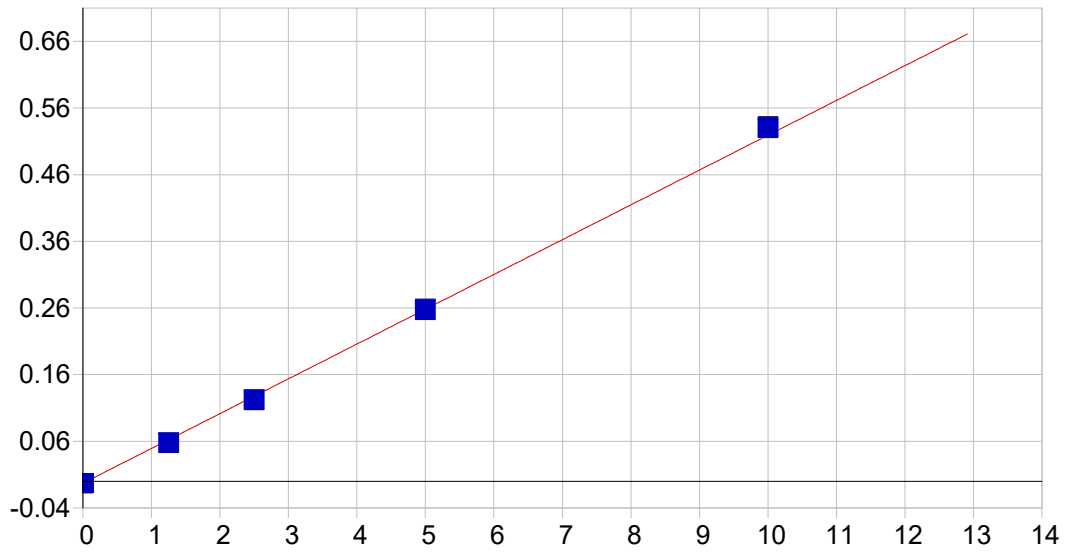
K 769.896 { 44}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.095027	Re-Slope:	1.000000
A1 (Gain):	0.021092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000552		
Predicted MDL:	0.173577		
Predicted MQL:	0.578592		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.09503	.003	1
S1	5.0000	4.9921	-.008	-.158	.20032	.001	1
S2	37.500	36.522	-.978	-2.61	.86536	.005	1
S3	75.000	73.667	-1.33	-1.78	1.6488	.003	1
S4	150.00	149.03	-.970	-.647	3.2384	.005	1
S5	300.00	303.29	3.29	1.10	6.4921	.008	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



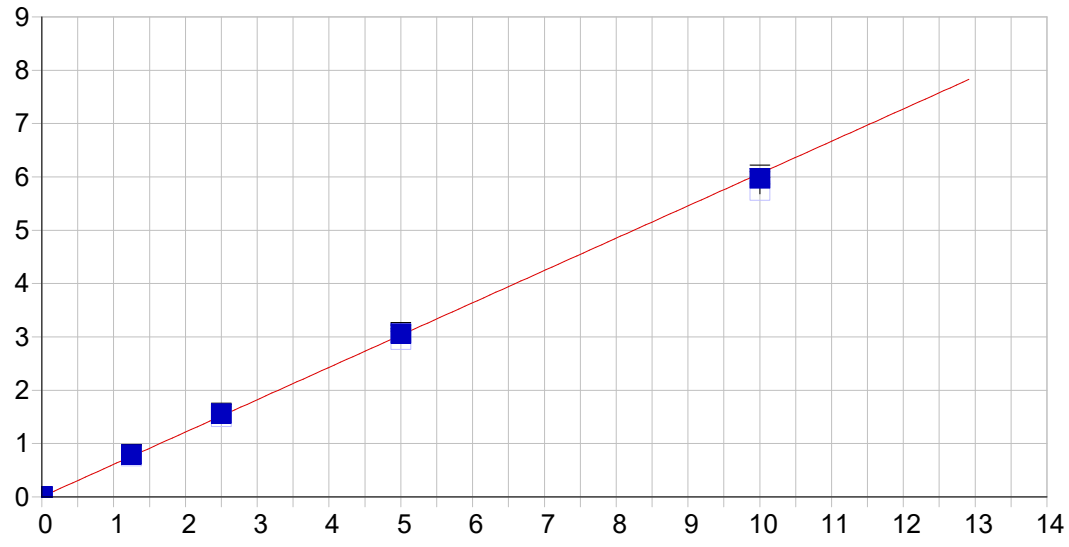
P 177.495 {490}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002987	Re-Slope:	1.000000
A1 (Gain):	0.052213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999572	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.002764		
Predicted MQL:	0.009213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00299	.000	1
S1	.01000	.00854	-.001	-14.6	-.00254	.000	1
S2	1.2500	1.1598	-.090	-7.22	.05747	.000	1
S3	2.5000	2.3919	-.108	-4.33	.12171	.000	1
S4	5.0000	4.9859	-.014	-.282	.25696	.001	1
S5	10.000	10.214	.214	2.14	.52955	.002	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



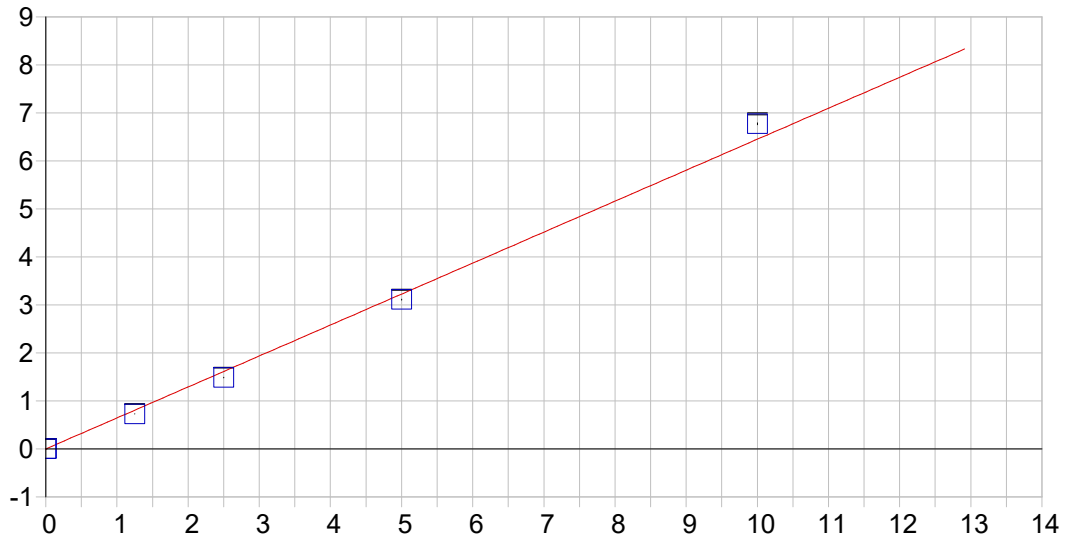
B 249.678 {135}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004096	Re-Slope:	1.000000
A1 (Gain):	0.605905	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999482	Status:	OK.
Std Error of Est:	0.000315		
Predicted MDL:	0.002356		
Predicted MQL:	0.007854		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00410	.001	1
S1	.01000	-.00073	-.011	-107.	.00362	.002	1
S2	1.2500	1.3013	.051	4.10	.76376	.003	1
S3	2.5000	2.5677	.068	2.71	1.5023	.014	1
S4	5.0000	5.0409	.041	.818	2.9432	.023	1
S5	10.000	9.8512	-.149	-1.49	5.7426	.061	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



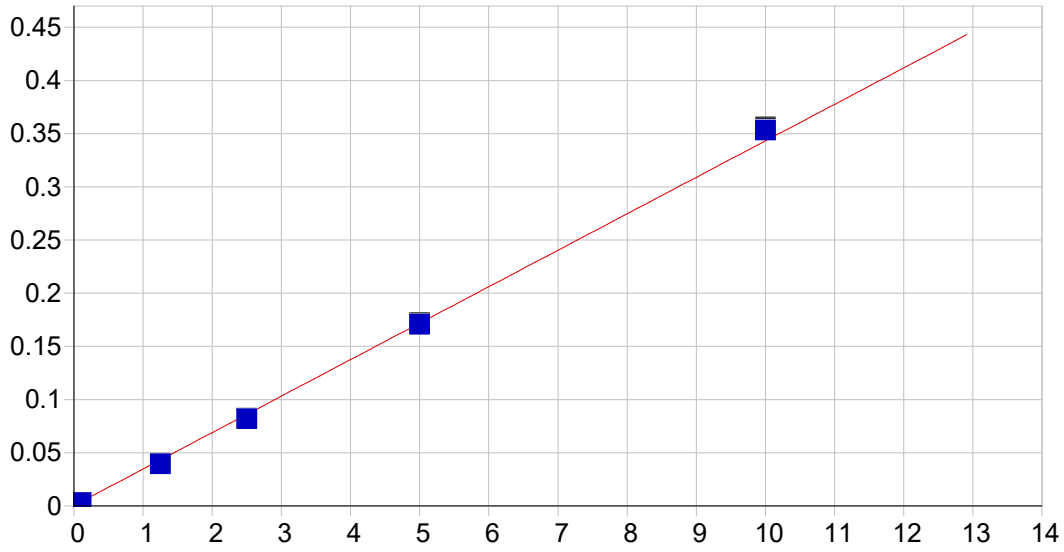
Mo 202.030 {467}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000115	Re-Slope:	1.000000
A1 (Gain):	0.645140	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998461	Status:	OK.
Std Error of Est:	0.000601		
Predicted MDL:	0.000492		
Predicted MQL:	0.001640		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.00883	-.001	-11.7	.00581	.000	1
S2	1.2500	1.1302	-.120	-9.59	.72923	.002	1
S3	2.5000	2.3039	-.196	-7.85	1.4864	.007	1
S4	5.0000	4.8219	-.178	-3.56	3.1109	.008	1
S5	10.000	10.495	.495	4.95	6.7710	.020	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



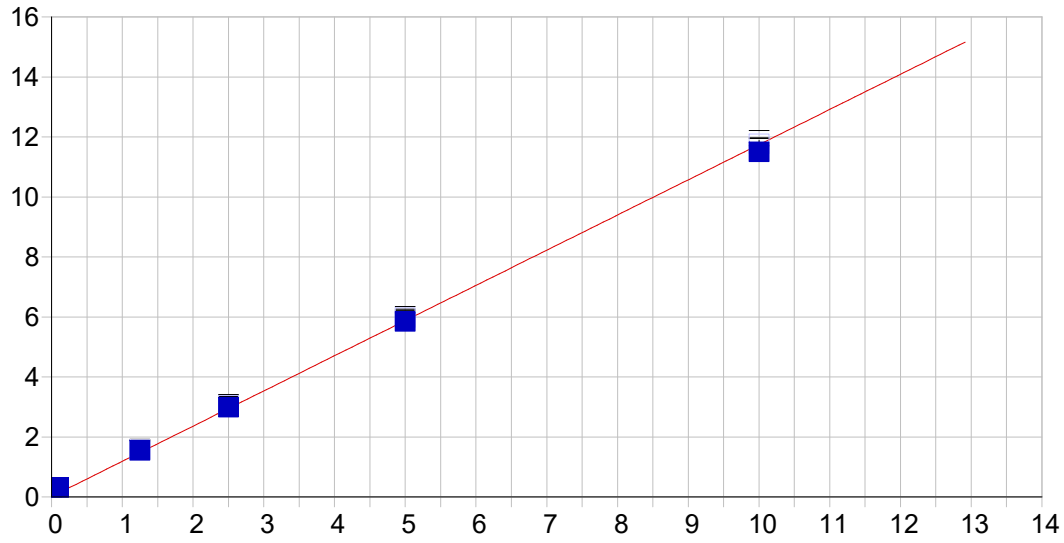
S 182.034 {485}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000397	Re-Slope:	1.000000
A1 (Gain):	0.034283	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999235	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.004855		
Predicted MQL:	0.016183		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00040	.000	1
S1	.10000	.07924	-.021	-20.8	.00311	.000	1
S2	1.2500	1.1390	-.111	-8.88	.03958	.001	1
S3	2.5000	2.3738	-.126	-5.05	.08205	.000	1
S4	5.0000	4.9691	-.031	-.617	.17131	.001	1
S5	10.000	10.289	.289	2.89	.35423	.002	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



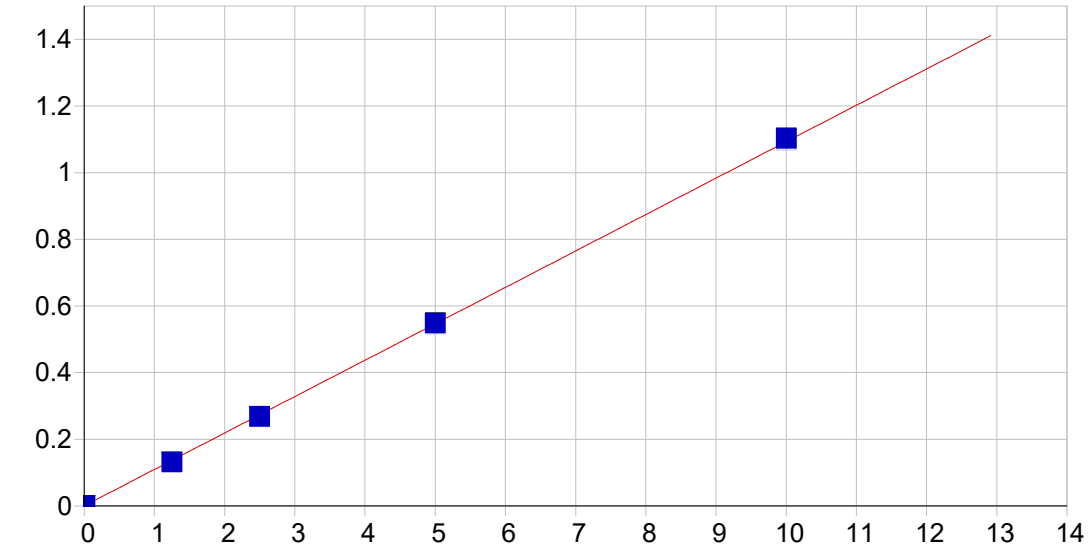
Si 251.611 {134}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.013392	Re-Slope:	1.000000
A1 (Gain):	1.172886	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.993922	Status:	OK.
Std Error of Est:	0.007060		
Predicted MDL:	0.001154		
Predicted MQL:	0.003845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.01321	.001	1
S1	.10000	.25296	.153	153.	.31174	.002	1
S2	1.2500	1.3075	.057	4.60	1.5802	.009	1
S3	2.5000	2.5311	.031	1.24	3.0486	.034	1
S4	5.0000	4.9699	-.030	-.601	5.9757	.041	1
S5	10.000	9.7898	-.210	-2.10	11.762	.122	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



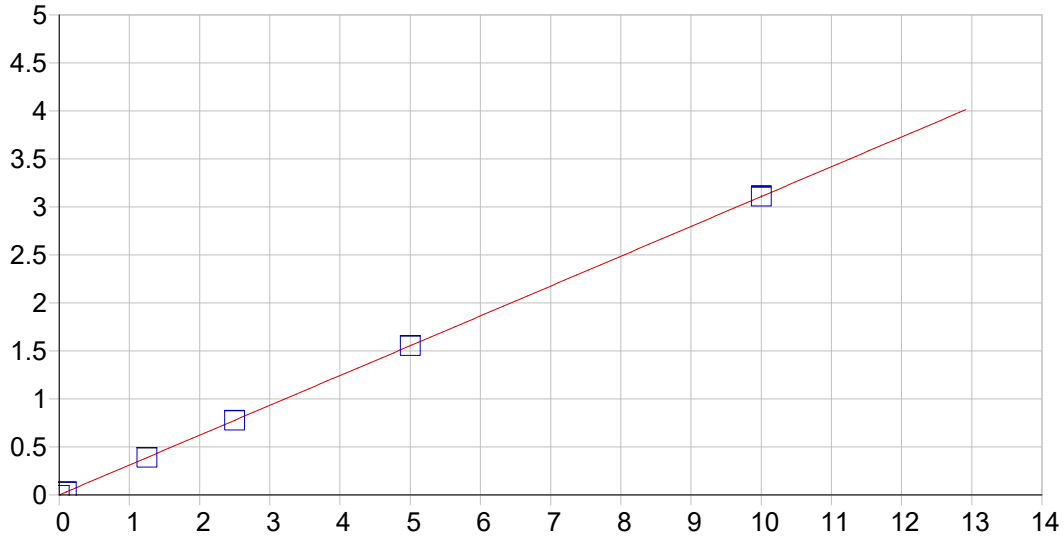
Sn 189.989 {478}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000126	Re-Slope:	1.000000
A1 (Gain):	0.109271	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001385		
Predicted MQL:	0.004616		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.00700	.00538	-.002	-23.2	.00068	.000	1
S2	1.2500	1.2002	-.050	-3.98	.13059	.000	1
S3	2.5000	2.4531	-.047	-1.87	.26682	.001	1
S4	5.0000	5.0139	.014	.277	.54526	.001	1
S5	10.000	10.084	.084	.843	1.0966	.002	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



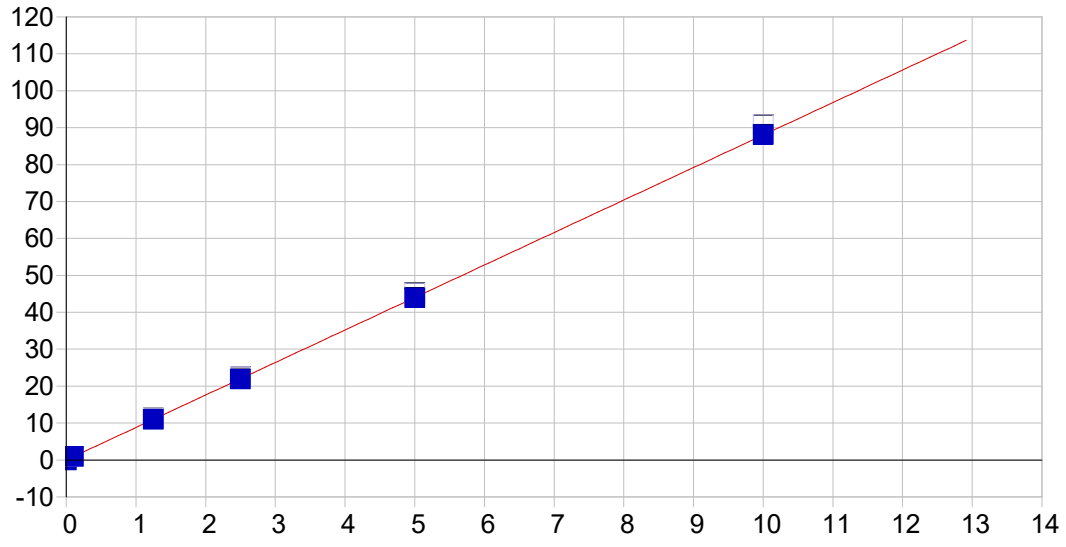
Ti 336.121 {100}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000742	Re-Slope:	1.000000
A1 (Gain):	0.310667	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.003991		
Predicted MQL:	0.013303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.10000	.09644	-.004	-3.56	.03070	.001	1
S2	1.2500	1.2492	-.001	-.060	.38884	.003	1
S3	2.5000	2.4927	-.007	-.291	.77515	.001	1
S4	5.0000	5.0011	.001	.022	1.5544	.001	1
S5	10.000	10.010	.010	.105	3.1107	.006	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



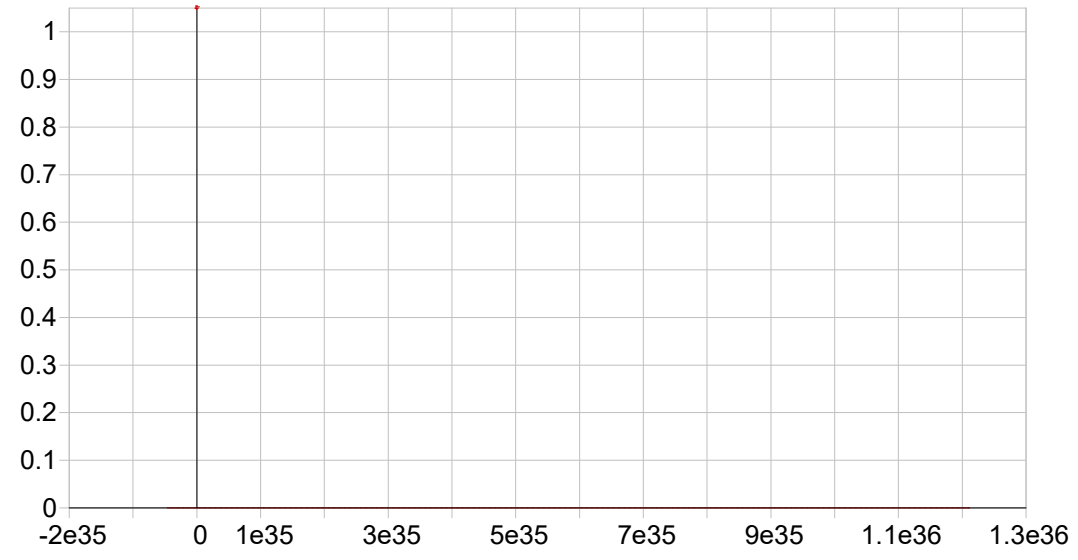
Sr 407.771 { 83}

Date of Fit:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.006562	Re-Slope:	1.000000
A1 (Gain):	8.801467	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.001261		
Predicted MDL:	0.000238		
Predicted MQL:	0.000794		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00658	.002	1
S1	.10000	.10270	.003	2.70	.89826	.001	1
S2	1.2500	1.2506	.001	.046	11.330	.024	1
S3	2.5000	2.4916	-.008	-.335	22.584	.005	1
S4	5.0000	4.9911	-.009	-.177	45.243	.030	1
S5	10.000	10.014	.014	.140	90.772	.058	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

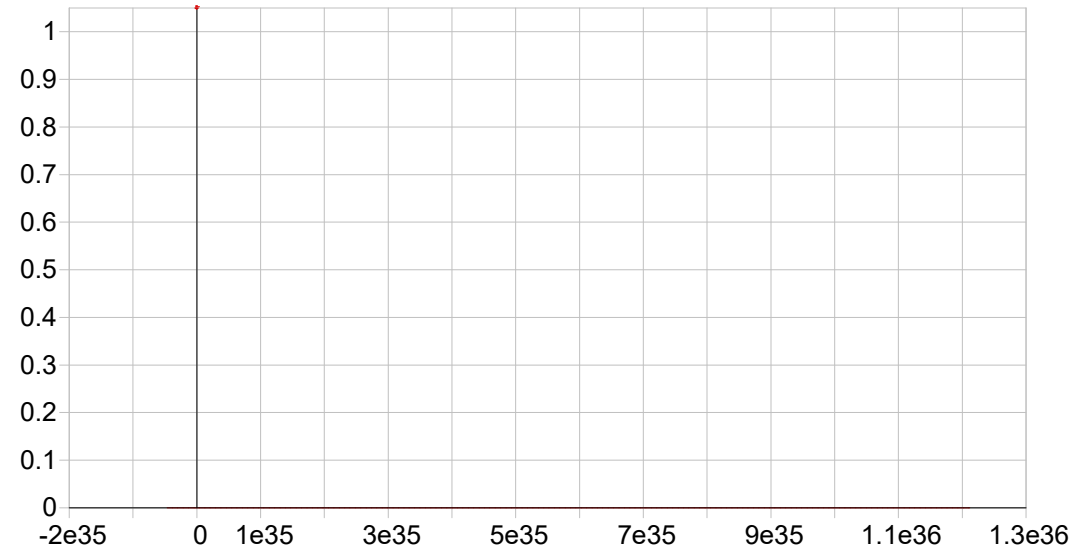


Y 224.306 {450}*

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}*

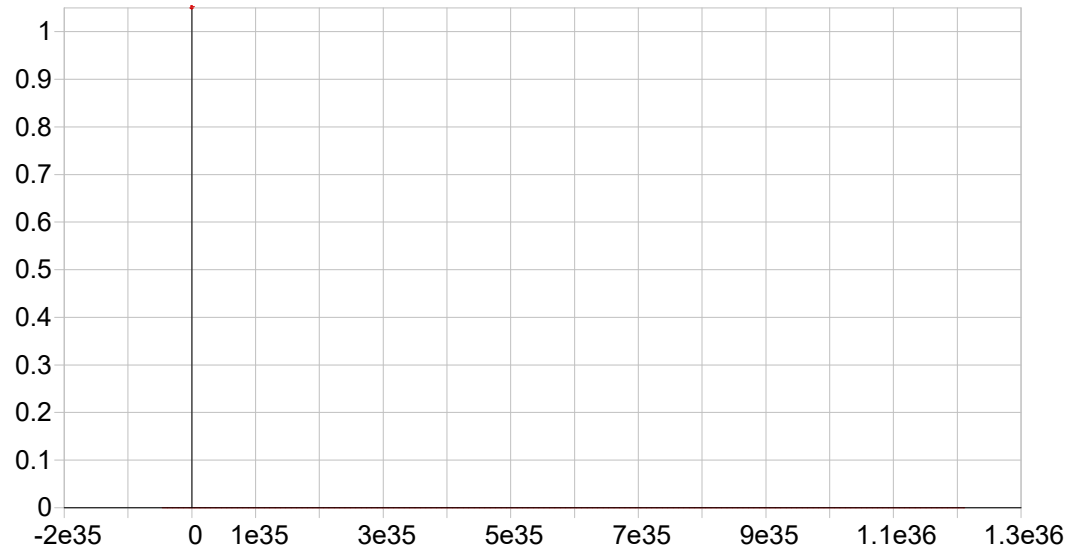
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
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



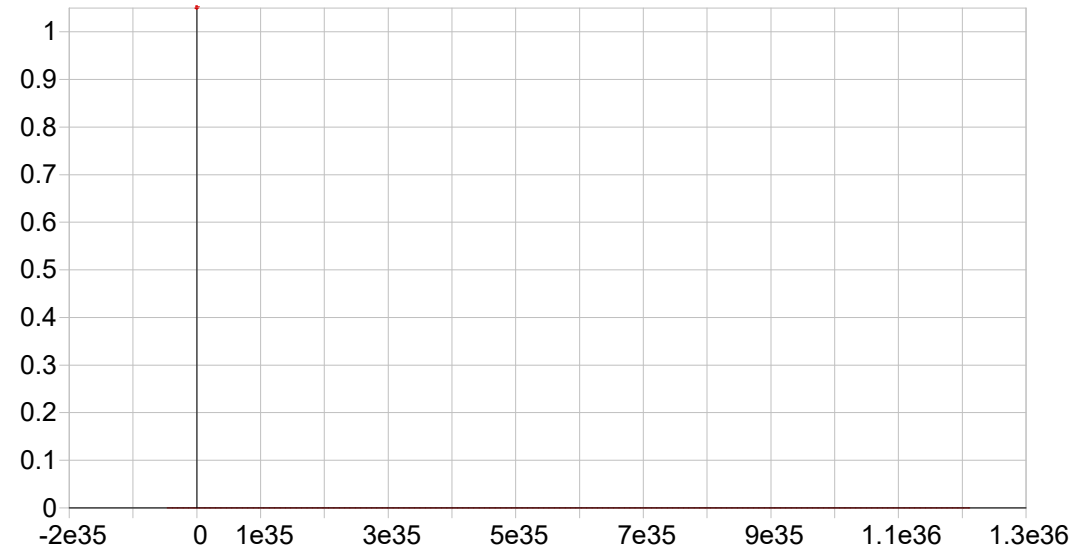
Y 371.030 { 91}*

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

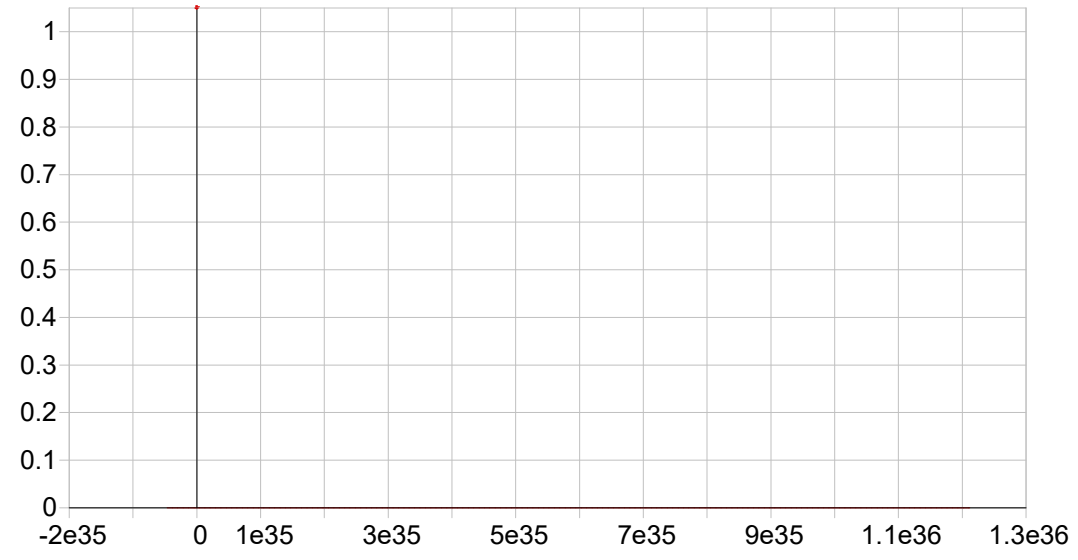
Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5



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



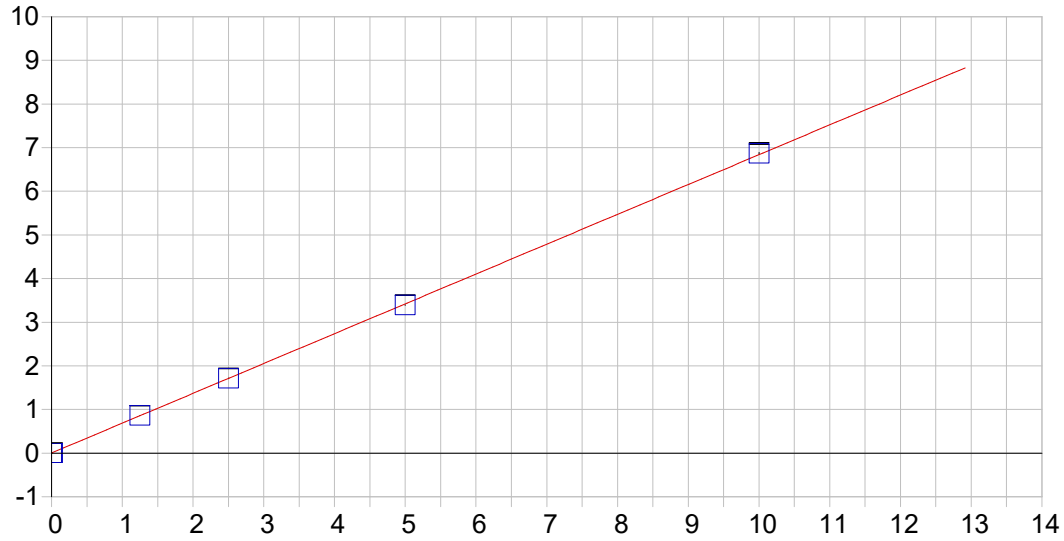
In 230.606 {446}*

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:12/18/2024 3:02:43 AM
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:	12/15/2024 5:38:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002806	Re-Slope:	1.000000
A1 (Gain):	0.683586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.006322		
Predicted MQL:	0.021073		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00281	.005	1
S5	10.000	10.042	.042	.419	6.8673	.021	1
S4	5.0000	4.9606	-.039	-.789	3.3938	.006	1
S3	2.5000	2.5024	.002	.095	1.7134	.004	1
S2	1.2500	1.2529	.003	.232	.85927	.007	1
S1	.01500	.00730	-.008	-51.3	.00779	.005	1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/15/2024 17:13:21 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	**-.05065**	**-.00017**	**.00013**	**-.00012**	**.00059**	**-.00056**	**.01646**	**-.00015**
Stddev	.14371	.00006	.00053	.00024	.00006	.00177	.00497	.00097
%RSD	283.76	37.463	419.64	208.53	10.029	318.11	30.218	631.37
#1	.11231	-.00011	-.00041	-.00003	.00062	-.00150	.01565	.00067
#2	-.15927	-.00016	.00064	.00008	.00052	-.00165	.01194	-.00123
#3	-.10498	-.00023	.00014	-.00039	.00063	.00148	.02178	.00009

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	**-.00004**	**.00468**	**.00004**	**.00002**	**.00233**	**.00002**	**-.00036**	**-.00169**
Stddev	.00009	.00063	.00020	.00018	.00045	.00032	.00028	.00072
%RSD	218.53	13.350	534.71	1165.0	19.474	2000.2	77.427	42.762
#1	.00006	.00404	-.00016	.00011	.00199	-.00033	-.00032	-.00144
#2	-.00007	.00529	.00024	.00013	.00284	.00028	-.00010	-.00113
#3	-.00012	.00472	.00003	-.00020	.00215	.00010	-.00065	-.00251

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	**-.00046**	**-.00219**	**-.00837**	**.00025**	**-.00065**	**.09503**	**-.00299**	**.00410**
Stddev	.00018	.00027	.00630	.00147	.00055	.00295	.00008	.00067
%RSD	39.902	12.198	75.317	595.40	85.237	3.1019	2.6448	16.296
#1	-.00026	-.00249	-.01561	.00180	-.00128	.09163	-.00306	.00444
#2	-.00062	-.00207	-.00413	-.00113	-.00029	.09666	-.00290	.00333
#3	-.00050	-.00200	-.00537	.00007	-.00037	.09681	-.00300	.00454

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	**.00012**	**.00040**	**.01321**	**.00013**	**.00074**	**-.00658**	**.00281**
Stddev	.00015	.00013	.00100	.00007	.00049	.00178	.00536
%RSD	125.18	31.477	7.5482	51.595	66.143	26.969	190.61
#1	.00019	.00027	.01268	.00017	.00019	-.00481	-.00024
#2	-.00005	.00052	.01259	.00005	.00115	-.00836	.00900
#3	.00021	.00040	.01436	.00016	.00089	-.00659	-.00032

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/15/2024 17:13:21 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	2343.9	28323.	2550.2	1975.0	3242.9
Stddev	10.4	15.	16.2	2.8	13.6
%RSD	.44523	.05425	.63481	.14169	.42012
#1	2341.4	28340.	2564.3	1972.1	3239.2
#2	2335.0	28317.	2532.5	1975.2	3231.6
#3	2355.4	28311.	2553.7	1977.7	3258.1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/15/2024 17:17:26 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	**1.6204**	**.00149**	**.00204**	**.00132**	**.00733**	**.01696**	**.72538**	**.04708**
Stddev	.6261	.00013	.00035	.00014	.00005	.00083	.00634	.00080
%RSD	38.639	8.3687	17.181	10.354	.67563	4.9096	.87340	1.7087
#1	2.2536	.00158	.00242	.00117	.00734	.01792	.73029	.04784
#2	1.6061	.00155	.00197	.00143	.00728	.01659	.72763	.04624
#3	1.0016	.00135	.00172	.00136	.00738	.01639	.71823	.04714

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	**.01304**	**.21649**	**.00213**	**.03539**	**.00513**	**.00151**	**.00538**	**.05438**
Stddev	.00022	.00320	.00013	.00071	.00043	.00046	.00031	.00041
%RSD	1.7218	1.4771	6.2278	1.9966	8.4142	30.367	5.8104	.75137
#1	.01311	.21551	.00222	.03605	.00509	.00169	.00516	.05392
#2	.01322	.22006	.00198	.03547	.00471	.00099	.00574	.05451
#3	.01279	.21389	.00220	.03464	.00557	.00185	.00524	.05470

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	**.01743**	**.00012**	**.02397**	**.00355**	**.00217**	**.20032**	**-.00254**	**.00362**
Stddev	.00024	.00010	.00420	.00021	.00010	.00125	.00017	.00159
%RSD	1.3974	85.833	17.535	5.9150	4.3935	.62150	6.7014	43.805
#1	.01767	.00017	.02098	.00335	.00206	.19959	-.00250	.00197
#2	.01742	.00000	.02877	.00353	.00220	.20176	-.00272	.00514
#3	.01718	.00019	.02214	.00377	.00225	.19962	-.00239	.00375

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	**.00581**	**.00311**	**.31174**	**.00068**	**.03070**	**.89826**	**.00779**
Stddev	.00017	.00002	.00200	.00010	.00144	.00076	.00450
%RSD	2.9268	.79413	.64284	14.579	4.6788	.08419	57.784
#1	.00600	.00314	.31338	.00076	.03132	.89774	.00344
#2	.00567	.00312	.31234	.00057	.02906	.89792	.01244
#3	.00577	.00309	.30951	.00072	.03173	.89913	.00750

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/15/2024 17:17:26 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	2344.7	28184.	2560.2	1963.0	3251.5
Stddev	5.4	128.	18.7	9.9	13.2
%RSD	.23222	.45250	.73052	.50460	.40731
#1	2343.2	28330.	2556.4	1974.4	3241.6
#2	2340.1	28120.	2543.7	1958.3	3246.4
#3	2350.7	28100.	2580.5	1956.3	3266.6

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/15/2024 17:21:31 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	**180.74**	**.09059**	**1.1298**	**.06115**	**.16300**	**3.6661**	**8.9457**	**1.2071**
Stddev	1.14	.00052	.0015	.00041	.00064	.0056	.0132	.0022
%RSD	.63332	.57317	.13121	.67418	.39298	.15173	.14747	.17843
#1	179.80	.09087	1.1287	.06075	.16304	3.6705	8.9541	1.2058
#2	180.40	.08999	1.1293	.06111	.16234	3.6599	8.9305	1.2096
#3	182.01	.09091	1.1315	.06157	.16362	3.6680	8.9526	1.2059

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.7505**	**2.7104**	**.83057**	**.46114**	**.45338**	**.74645**	**1.3265**	**.68821**
Stddev	.0046	.0093	.00178	.00177	.00158	.00339	.0008	.00015
%RSD	.26442	.34243	.21471	.38288	.34779	.45365	.05732	.02151
#1	1.7461	2.7115	.82904	.45915	.45346	.74655	1.3274	.68835
#2	1.7503	2.7006	.83013	.46179	.45177	.74302	1.3261	.68824
#3	1.7553	2.7191	.83253	.46249	.45492	.74979	1.3260	.68805

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	**.28957**	**.06881**	**.24966**	**.05477**	**.19209**	**.86536**	**.05747**	**.76376**
Stddev	.00061	.00060	.00218	.00097	.00111	.00542	.00027	.00252
%RSD	.21099	.86631	.87202	1.7745	.58019	.62627	.46824	.33031
#1	.28998	.06940	.24864	.05369	.19330	.86478	.05745	.76526
#2	.28887	.06820	.25216	.05557	.19111	.86026	.05722	.76517
#3	.28988	.06882	.24818	.05506	.19185	.87105	.05775	.76084

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	**.72923**	**.03958**	**1.5802**	**.13059**	**.38884**	**11.330**	**.85927**
Stddev	.00165	.00051	.0088	.00025	.00274	.024	.00695
%RSD	.22564	1.2956	.55416	.19143	.70552	.21331	.80896
#1	.72747	.03901	1.5795	.13030	.38746	11.340	.85491
#2	.72949	.03973	1.5893	.13075	.38707	11.303	.85562
#3	.73073	.04001	1.5718	.13072	.39200	11.348	.86729

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/15/2024 17:21:31 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	**2230.8**	**27483.**	**2554.6**	**1876.4**	**2938.3**
Stddev	2.8	41.	12.2	2.9	2.2
%RSD	.12687	.15052	.47727	.15703	.07355
#1	2232.3	27522.	2568.2	1879.8	2938.5
#2	2232.6	27486.	2544.6	1874.7	2940.4
#3	2227.5	27440.	2551.1	1874.8	2936.1

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/15/2024 17:25:20 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	**357.56**	**.18239**	**2.2864**	**.12627**	**.33286**	**7.3138**	**17.851**	**2.3731**
Stddev	.64	.00033	.0092	.00076	.00210	.0086	.029	.0202
%RSD	.17930	.18034	.40267	.60231	.63151	.11722	.16236	.85072
#1	356.97	.18207	2.2785	.12541	.33088	7.3164	17.882	2.3734
#2	357.46	.18236	2.2841	.12658	.33265	7.3208	17.844	2.3931
#3	358.24	.18273	2.2965	.12683	.33507	7.3042	17.826	2.3527

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.5573**	**5.4049**	**1.6549**	**.92501**	**.89517**	**1.4845**	**2.6297**	**1.3623**
Stddev	.0130	.0078	.0010	.00314	.00270	.0035	.0042	.0013
%RSD	.36422	.14486	.06355	.33996	.30143	.23632	.15844	.09636
#1	3.5458	5.4073	1.6542	.92187	.89285	1.4823	2.6325	1.3623
#2	3.5547	5.4112	1.6544	.92500	.89813	1.4885	2.6317	1.3610
#3	3.5714	5.3962	1.6561	.92815	.89454	1.4826	2.6249	1.3637

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	**.58933**	**.14046**	**.49180**	**.10914**	**.39504**	**1.6488**	**.12171**	**1.5023**
Stddev	.00115	.00043	.00608	.00070	.00312	.0034	.00047	.0143
%RSD	.19590	.30754	1.2364	.63805	.78963	.20319	.38436	.94858
#1	.58819	.14008	.48722	.10901	.39324	1.6452	.12123	1.5097
#2	.58929	.14037	.48949	.10990	.39323	1.6494	.12172	1.5112
#3	.59050	.14093	.49870	.10853	.39864	1.6518	.12217	1.4858

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	**1.4864**	**.08205**	**3.0486**	**.26682**	**.77515**	**22.584**	**1.7134**
Stddev	.0075	.00043	.0338	.00073	.00107	.005	.0043
%RSD	.50130	.51865	1.1097	.27536	.13868	.02205	.25010
#1	1.4803	.08163	3.0660	.26623	.77620	22.584	1.7099
#2	1.4842	.08204	3.0703	.26657	.77519	22.578	1.7182
#3	1.4947	.08248	3.0097	.26764	.77406	22.588	1.7121

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/15/2024 17:25:20 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	**2145.2**	**27069.**	**2565.9**	**1830.4**	**2809.9**
Stddev	5.6	126.	13.7	7.5	5.4
%RSD	.25951	.46530	.53201	.41097	.19117
#1	2144.7	27146.	2569.0	1836.9	2806.7
#2	2151.0	27138.	2551.0	1832.1	2816.1
#3	2139.9	26924.	2577.8	1822.2	2806.9

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/15/2024 17:29:06 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	**703.34**	**.36293**	**4.6643**	**.26292**	**.69961**	**14.707**	**35.865**	**4.6839**
Stddev	2.69	.00144	.0108	.00113	.00237	.035	.066	.0343
%RSD	.38183	.39604	.23228	.42795	.33879	.23986	.18383	.73225
#1	706.40	.36136	4.6592	.26178	.69769	14.739	35.937	4.7216
#2	701.40	.36326	4.6570	.26294	.69887	14.670	35.850	4.6753
#3	702.21	.36418	4.6768	.26403	.70226	14.713	35.807	4.6547

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	**7.2269**	**10.786**	**3.3096**	**1.8588**	**1.7761**	**2.9502**	**5.2053**	**2.7140**
Stddev	.0178	.034	.0004	.0030	.0027	.0065	.0122	.0070
%RSD	.24643	.31482	.01239	.16141	.15233	.21986	.23413	.25820
#1	7.2191	10.798	3.3092	1.8581	1.7733	2.9577	5.2193	2.7219
#2	7.2143	10.747	3.3098	1.8561	1.7787	2.9463	5.1978	2.7086
#3	7.2473	10.812	3.3100	1.8620	1.7764	2.9467	5.1987	2.7116

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	**1.1928**	**.28808**	**.98471**	**.21764**	**.82018**	**3.2384**	**.25696**	**2.9432**
Stddev	.0036	.00037	.00412	.00205	.00534	.0054	.00107	.0230
%RSD	.30020	.12687	.41883	.94061	.65144	.16601	.41504	.78016
#1	1.1908	.28766	.98885	.21761	.81507	3.2347	.25694	2.9691
#2	1.1906	.28834	.98060	.21970	.81974	3.2359	.25591	2.9352
#3	1.1969	.28824	.98469	.21560	.82573	3.2446	.25804	2.9253

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	**3.1109**	**.17131**	**5.9757**	**.54526**	**1.5544**	**45.243**	**3.3938**
Stddev	.0082	.00087	.0409	.00120	.0009	.030	.0063
%RSD	.26400	.50796	.68404	.21991	.05969	.06723	.18569
#1	3.1045	.17112	6.0213	.54461	1.5555	45.277	3.4004
#2	3.1081	.17055	5.9632	.54452	1.5538	45.235	3.3931
#3	3.1202	.17226	5.9425	.54664	1.5540	45.217	3.3878

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/15/2024 17:29:06 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	1989.9	26211.	2540.6	1725.1	2648.7
Stddev	10.2	67.	10.4	8.6	12.3
%RSD	.51222	.25395	.41013	.50033	.46510
#1	2000.9	26281.	2528.7	1733.1	2661.8
#2	1988.0	26203.	2547.7	1726.4	2647.0
#3	1980.8	26149.	2545.5	1715.9	2637.3

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/15/2024 17:32:46 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	**1352.1**	**.71498**	**9.4109**	**.57096**	**1.5481**	**29.640**	**72.288**	**9.3106**
Stddev	5.1	.00179	.0254	.00156	.0056	.036	.177	.0903
%RSD	.37444	.25088	.27032	.27368	.36088	.12167	.24421	.96947
#1	1352.9	.71293	9.3915	.57015	1.5455	29.666	72.347	9.3973
#2	1346.7	.71577	9.4014	.56996	1.5442	29.655	72.428	9.3175
#3	1356.7	.71625	9.4397	.57276	1.5545	29.599	72.090	9.2171

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	**14.435**	**21.413**	**6.5168**	**3.7028**	**3.5388**	**5.8137**	**10.269**	**5.3921**
Stddev	.037	.053	.0163	.0080	.0145	.0064	.023	.0127
%RSD	.25732	.24535	.24976	.21623	.40931	.11022	.22547	.23520
#1	14.406	21.455	6.5273	3.6986	3.5295	5.8093	10.280	5.3969
#2	14.422	21.430	6.4981	3.6977	3.5555	5.8211	10.284	5.4016
#3	14.477	21.354	6.5250	3.7120	3.5314	5.8108	10.242	5.3777

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	**2.3879**	**.58791**	**1.9766**	**.43534**	**1.7582**	**6.4921**	**.52955**	**5.7426**
Stddev	.0043	.00087	.0101	.00131	.0218	.0076	.00159	.0607
%RSD	.18008	.14719	.50954	.30119	1.2413	.11629	.30056	1.0570
#1	2.3858	.58855	1.9766	.43412	1.7439	6.4984	.52808	5.7902
#2	2.3850	.58693	1.9867	.43673	1.7474	6.4942	.52933	5.7633
#3	2.3929	.58826	1.9665	.43519	1.7834	6.4837	.53124	5.6742

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	**6.7710**	**.35423**	**11.762**	**1.0966**	**3.1107**	**90.772**	**6.8673**
Stddev	.0195	.00189	.122	.0024	.0063	.058	.0212
%RSD	.28860	.53482	1.0368	.22063	.20113	.06434	.30822
#1	6.7612	.35344	11.858	1.0944	3.1155	90.789	6.8495
#2	6.7583	.35286	11.803	1.0961	3.1129	90.821	6.8907
#3	6.7935	.35639	11.625	1.0992	3.1036	90.707	6.8617

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/15/2024 17:32:46 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	1737.5	25288.	2493.4	1553.0	2474.2
Stddev	4.3	136.	9.0	16.3	6.8
%RSD	.24740	.53954	.36139	1.0477	.27421
#1	1742.1	25415.	2491.3	1567.1	2480.1
#2	1733.6	25307.	2485.6	1556.6	2466.8
#3	1736.7	25144.	2503.2	1535.2	2475.7

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: S6 Acquired: 12/15/2024 17:36:24 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	76.014	33.857	14.907	8.3953	5.2293
Stddev	.305	.098	.068	.0340	.0221
%RSD	.40121	.29043	.45659	.40435	.42196
#1	75.866	33.813	14.874	8.3791	5.2158
#2	76.365	33.969	14.985	8.4343	5.2548
#3	75.812	33.788	14.861	8.3726	5.2175

Int. Std.	Y_3710
Units	Cts/S
Avg	2478.8
Stddev	13.6
%RSD	.54895
#1	2471.5
#2	2470.3
#3	2494.5

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICV004 Acquired: 12/15/2024 17:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.038947**	**.9930447**	**.9441570**	**.9206292**	**.9511772**	**2.370367**
Stddev	.001662	.0062430	.0062369	.0057424	.0075145	.003706
%RSD	.1599640	.6286692	.6605770	.6237483	.7900166	.1563550
#1	1.040708	.9860440	.9420876	.9142968	.9425085	2.366172
#2	1.038727	.9950560	.9392179	.9220921	.9558378	2.371732
#3	1.037406	.9980341	.9511656	.9254986	.9551854	2.373197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105981**	**.5074084**	**.4770064**	**10.12286**	**.5317201**	**.4835181**
Stddev	.0013849	.0019591	.0025671	.07309	.0021263	.0023416
%RSD	.2712321	.3861069	.5381635	.7220005	.3998871	.4842937
#1	.5121679	.5051609	.4743886	10.13415	.5328117	.4808450
#2	.5100776	.5083094	.4771109	10.04479	.5330789	.4845019
#3	.5095489	.5087550	.4795196	10.18965	.5292697	.4852073

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4926610**	**10.40534**	**.5214154**	**6.192417**	**.4909916**	**.2438986**
Stddev	.0050868	.06961	.0004530	.142043	.0031651	.0012405
%RSD	1.032514	.6690070	.0868860	2.293818	.6446451	.5086092
#1	.4983385	10.46997	.5219059	6.356399	.4876057	.2434994
#2	.4911260	10.33164	.5213278	6.107500	.4914930	.2452895
#3	.4885185	10.41442	.5210126	6.113352	.4938762	.2429068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.05315**	**.5038855**	**.9292499**	**9.291803**	F **-.000307**	F **.0100625**
Stddev	.29825	.0078271	.0059638	.056879	.001130	.0022492
%RSD	2.966756	1.553355	.6417808	.6121424	367.5991	22.35208
#1	10.06054	.4949547	.9353652	9.279258	.000983	.0103289
#2	10.34763	.5095525	.9289340	9.242243	-.000787	.0121666
#3	9.75126	.5071494	.9234503	9.353907	-.001118	.0076920

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICV004 Acquired: 12/15/2024 17:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0006094	F -.001856	F .0040990	F .0015549	F .0009017	F -.008969
Stddev	.0000825	.005279	.0009841	.0004710	.0019155	.000206
%RSD	13.54227	284.3896	24.00804	30.29437	212.4254	2.300851
#1	.0006892	.002759	.0047694	.0017614	-.001065	-.008958
#2	.0006145	-.007613	.0029692	.0018874	.001008	-.008768
#3	.0005244	-.000716	.0045585	.0010159	.002762	-.009180

Elem	Li6707
Units	ppm
Avg	F -.003787
Stddev	.005212
%RSD	137.6130
#1	-.005827
#2	.002136
#3	-.007671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.453	28272.37	2608.262	1965.105	3197.178
Stddev	14.654	107.97	3.292	8.438	19.099
%RSD	.6274602	.3818891	.1262316	.4294138	.5973844
#1	2351.709	28198.57	2611.364	1957.552	3219.033
#2	2323.258	28222.24	2604.807	1963.551	3183.689
#3	2331.391	28396.29	2608.613	1974.213	3188.812

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICB004 Acquired: 12/15/2024 17:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003684**	**.0014289**	**.0022742**	**-.000601**	**.0000029**	**.0082884**	**.0002556**
Stddev	.0019860	.0007064	.0006859	.001694	.0007972	.0085457	.0004529
%RSD	539.0624	49.43355	30.16147	281.9492	27322.93	103.1047	177.2219
#1	-.001709	.0011067	.0020850	-.002548	.0004592	.0175765	.0006768
#2	.000567	.0009411	.0030349	.000218	-.000918	.0065302	-.000224
#3	.002248	.0022389	.0017028	.000528	.000467	.0007585	.000314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000046**	**.0000319**	**.0252482**	**.0000927**	**-.000218**	**-.004677**	**.0110761**
Stddev	.000125	.0000671	.0243485	.0002301	.000273	.003690	.0397035
%RSD	269.8392	210.6593	96.43641	248.2408	125.2536	78.90284	358.4608
#1	.000085	.0000895	.0455800	-.000097	-.000523	-.007574	-.022456
#2	-.000060	-.000042	.0318994	.000349	.000006	-.000523	.000767
#3	-.000163	.000048	-.001735	.000027	-.000138	-.005933	.054917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000342**	**.0152618**	**.0001299**	**.0001480**	**-.436100**	**-.005734**	**-.002831**
Stddev	.000794	.0649878	.0006264	.0004370	.475474	.010012	.006666
%RSD	232.1481	425.8210	482.2983	295.3003	109.0287	174.6260	235.4770
#1	-.001081	-.015717	-.000369	.0001761	-.909566	-.003736	.004797
#2	-.000441	.089943	.000833	.0005702	.041357	-.016594	-.005752
#3	.000497	-.028440	-.000074	-.000302	-.440090	.003129	-.007538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1735206**	**-.002021**	**.0084682**	**.0002788**	**-.003443**	**.0014398**	**.0007721**
Stddev	.1727968	.001641	.0031520	.0002037	.005842	.0005516	.0005589
%RSD	99.58287	81.22386	37.22151	73.06636	169.6786	38.31285	72.39436
#1	.3730416	-.003831	.0079164	.0002028	.003266	.0012116	.0006465
#2	.0722570	-.000631	.0056285	.0001240	-.007409	.0010389	.0013831
#3	.0752632	-.001600	.0118596	.0005096	-.006186	.0020689	.0002866

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICB004 Acquired: 12/15/2024 17:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002714	.0002427	-.009929
Stddev	.002433	.0002313	.002955
%RSD	89.66175	95.31826	29.75974
#1	-.001327	.0000263	-.010998
#2	-.001291	.0002153	-.012200
#3	-.005524	.0004865	-.006588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.120	28245.34	2576.996	1968.706	3237.734
Stddev	7.048	63.07	15.514	9.983	10.923
%RSD	.3015792	.2233048	.6020008	.5070626	.3373634
#1	2340.297	28298.42	2575.010	1979.753	3237.731
#2	2342.021	28175.61	2562.571	1960.333	3248.658
#3	2329.043	28261.98	2593.407	1966.032	3226.812

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICSA004 Acquired: 12/15/2024 17:48:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000840**	**.0203396**	**.0039096**	**-.030305**	**.0078546**	**238.9222**
Stddev	.003195	.0029692	.0033035	.004553	.0005842	1.0467
%RSD	380.5111	14.59824	84.49749	15.02377	7.437519	.4380929
#1	.001707	.0219178	.0071699	-.025360	.0085288	239.4015
#2	-.004424	.0221864	.0039943	-.031233	.0074981	239.6434
#3	.000199	.0169145	.0005646	-.034323	.0075369	237.7217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052860**	**.0013489**	**.0010346**	**244.6726**	**.0497077**	**.0360242**
Stddev	.0011259	.0001970	.0000445	.7914	.0009657	.0002770
%RSD	21.29936	14.60286	4.302533	.3234608	1.942767	.7689558
#1	.0048878	.0011381	.0010021	245.1308	.0498810	.0357115
#2	.0044132	.0015283	.0010163	245.1282	.0505750	.0362389
#3	.0065568	.0013802	.0010853	243.7587	.0486671	.0361222

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014912**	**102.3676**	**.0102816**	**257.7221**	**.0060916**	**-.008820**
Stddev	.006612	.4687	.0007586	.8777	.0010375	.000389
%RSD	44.33585	.4578983	7.378411	.3405555	17.03129	4.413214
#1	-.020956	102.8510	.0096558	258.6154	.0070196	-.008422
#2	-.007851	102.3366	.0111253	257.6901	.0062837	-.008838
#3	-.015930	101.9151	.0100636	256.8608	.0049715	-.009199

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021769**	**.0010595**	**-.043038**	**-.516808**	**.0033750**	F **-.026524**
Stddev	1.328731	.0051313	.001182	.215820	.0041100	.002500
%RSD	61038.15	484.3017	2.747272	41.76028	121.7778	9.425288
#1	-1.19429	.0035717	-.044037	-.733638	.0079985	-.029390
#2	-.23138	.0044506	-.043345	-.514774	.0001356	-.025388
#3	1.43220	-.004844	-.041733	-.302012	.0019910	-.024793

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICSA004 Acquired: 12/15/2024 17:48:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003007	.0073976	-.004304	F .0125049	-.004535	.0022724
Stddev	.0003052	.0020493	.000681	.0017405	.002199	.0004011
%RSD	101.5110	27.70261	15.81576	13.91833	48.48776	17.65234
#1	.0001922	.0085228	-.004951	.0105139	-.005231	.0023659
#2	.0006453	.0050322	-.003594	.0137374	-.002073	.0026185
#3	.0000645	.0086380	-.004369	.0132634	-.006303	.0018327

Elem	Li6707
Units	ppm
Avg	.0124230
Stddev	.0018064
%RSD	14.54097
#1	.0142010
#2	.0124786
#3	.0105894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.418	26245.49	2546.895	1843.216	2785.585
Stddev	3.497	70.56	14.834	4.326	6.065
%RSD	.1590802	.2688328	.5824529	.2347167	.2177265
#1	2199.270	26246.00	2542.420	1845.002	2784.720
#2	2194.573	26315.79	2534.813	1846.363	2779.999
#3	2201.410	26174.68	2563.452	1838.282	2792.036

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICSAB004 Acquired: 12/15/2024 17:52:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996684	.1213299	.0500216	.0185984	.5262279	236.9978
Stddev	.0042138	.0023818	.0044102	.0086762	.0048475	.4166
%RSD	4.227843	1.963043	8.816546	46.65044	.9211860	.1757654
#1	.0948270	.1221144	.0551133	.0284889	.5284580	236.9184
#2	.1025096	.1186548	.0474034	.0150357	.5206666	237.4484
#3	.1016687	.1232204	.0475480	.0122706	.5295590	236.6267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5245710	.5098990	.9799221	242.8101	.5737440	.5106450
Stddev	.0011042	.0027781	.0049376	.1066	.0024994	.0029135
%RSD	.2104929	.5448335	.5038799	.0439062	.4356354	.5705458
#1	.5247030	.5070817	.9772636	242.7191	.5766300	.5088267
#2	.5256033	.5126362	.9768834	242.9274	.5723130	.5091029
#3	.5234068	.5099791	.9856194	242.7839	.5722889	.5140054

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4640818	101.8175	.5219761	255.3015	.9784937	.1784824
Stddev	.0030989	.0875	.0020559	.3795	.0037730	.0008773
%RSD	.6677580	.0859767	.3938659	.1486339	.3855890	.4915309
#1	.4641236	101.8293	.5222695	255.0719	.9754853	.1791890
#2	.4671596	101.8985	.5197893	255.7395	.9772690	.1787577
#3	.4609622	101.7246	.5238695	255.0932	.9827269	.1775005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.144349	.5209979	.8845220	-1.01536	.0017003	F -.032378
Stddev	.160124	.0191549	.0036843	.18984	.0056661	.000998
%RSD	110.9286	3.676581	.4165260	18.69657	333.2414	3.083686
#1	.028632	.5381664	.8861609	-1.13579	-.001560	-.033490
#2	-.174288	.5244903	.8803026	-1.11376	.008243	-.031558
#3	-.287390	.5003372	.8871024	-.79652	-.001582	-.032085

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: ICSAB004 Acquired: 12/15/2024 17:52:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006472	.0090201	-.003558	F .0097004	-.004847	.0024975
Stddev	.0005212	.0018872	.001254	.0025725	.004493	.0003232
%RSD	80.53504	20.92179	35.24724	26.51994	92.71213	12.94077
#1	.0012148	.0070317	-.003402	.0097901	-.001604	.0021265
#2	.0005364	.0092423	-.004883	.0070842	-.002960	.0026477
#3	.0001902	.0107864	-.002389	.0122270	-.009976	.0027183

Elem	Li6707
Units	ppm
Avg	.0057799
Stddev	.0079792
%RSD	138.0503
#1	.0149468
#2	.0003945
#3	.0019984

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.018	26341.35	2541.423	1847.546	2812.009
Stddev	3.057	95.06	9.992	3.759	10.511
%RSD	.1386823	.3608785	.3931691	.2034598	.3737987
#1	2207.520	26231.64	2551.121	1843.207	2822.590
#2	2202.647	26393.20	2531.160	1849.815	2811.866
#3	2201.887	26399.21	2541.987	1849.616	2801.569

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV029 Acquired: 12/15/2024 17:56:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.708424**	**4.761779**	**23.63709**	**4.537755**	**4.589025**	**388.7774**	**9.716457**
Stddev	.028584	.012765	.08760	.023589	.001721	.3176	.017206
%RSD	.6070908	.2680813	.3706135	.5198476	.0375050	.0816860	.1770853
#1	4.741421	4.754885	23.64530	4.518086	4.587598	388.7787	9.719589
#2	4.692611	4.753942	23.54567	4.531270	4.588541	388.4592	9.697900
#3	4.691240	4.776509	23.72030	4.563908	4.590936	389.0943	9.731882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4782449**	**2.370645**	**395.3735**	**14.73088**	**2.360447**	**14.66721**	**399.7576**
Stddev	.0019061	.006975	.1566	.01585	.009731	.02423	.5631
%RSD	.3985602	.2942123	.0395965	.1075690	.4122510	.1651678	.1408582
#1	.4777538	2.371098	395.2133	14.72022	2.360087	14.66668	399.6475
#2	.4803484	2.363455	395.3812	14.74909	2.350901	14.64326	399.2577
#3	.4766323	2.377383	395.5261	14.72334	2.370353	14.69170	400.3676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.48009**	**389.5076**	**2.386359**	**1.200211**	**395.1780**	**2.410747**	**14.75238**
Stddev	.02389	.6170	.004229	.004049	1.3444	.015268	.08689
%RSD	.1649641	.1584074	.1772090	.3373543	.3402053	.6333186	.5889919
#1	14.49192	389.1125	2.385973	1.196335	396.7046	2.428342	14.78974
#2	14.45260	389.1917	2.382337	1.204413	394.1708	2.402909	14.65306
#3	14.49576	390.2186	2.390768	1.199884	394.6585	2.400991	14.81434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**144.7496**	**4.741525**	**4.659796**	**4.563860**	**4.739867**	**4.813405**	**4.789253**
Stddev	.4431	.019615	.015633	.010194	.017706	.011026	.019221
%RSD	.3061479	.4136757	.3354879	.2233602	.3735582	.2290725	.4013368
#1	144.2381	4.742769	4.654165	4.559500	4.737844	4.809179	4.787975
#2	144.9934	4.721318	4.677465	4.556573	4.723260	4.825919	4.770703
#3	145.0173	4.760488	4.647758	4.575509	4.758498	4.805116	4.809081

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV029 Acquired: 12/15/2024 17:56:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.859396	4.593898	5.004194
Stddev	.011018	.009525	.012782
%RSD	.2267264	.2073447	.2554193
#1	4.869344	4.593182	5.010568
#2	4.847554	4.584751	4.989479
#3	4.861290	4.603761	5.012535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.536	25135.77	2491.077	1667.551	2537.417
Stddev	8.226	104.44	5.582	13.005	11.566
%RSD	.4280863	.4155099	.2240901	.7799046	.4558231
#1	1930.228	25048.39	2485.968	1666.351	2546.232
#2	1920.508	25251.45	2497.035	1681.115	2541.699
#3	1913.873	25107.49	2490.229	1655.188	2524.321

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB029 Acquired: 12/15/2024 17:59:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002623**	**.0036344**	**.0023924**	**-.000261**	**-.003073**	**.0474962**	**.0003648**
Stddev	.001582	.0000993	.0022460	.006992	.003041	.0152675	.0006476
%RSD	60.32016	2.732180	93.88028	2677.028	98.94907	32.14469	177.5397
#1	-.001287	.0036775	.0006865	.005789	-.003135	.0353060	-.000369
#2	-.004370	.0037049	.0049370	-.007916	-.006082	.0425618	.000609
#3	-.002212	.0035208	.0015535	.001343	-.000002	.0646206	.000855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001832**	**.0001002**	**.0217255**	**.0013602**	**.0000890**	**.0075177**	**.0122751**
Stddev	.0001736	.0000306	.0283031	.0008051	.0002449	.0008765	.0272519
%RSD	94.77882	30.55087	130.2763	59.19049	275.0195	11.65936	222.0086
#1	.0003007	.0001228	.0043380	.0016482	-.000157	.0084656	-.018901
#2	-.000016	.0000654	.0064542	.0004507	.000092	.0067364	.031565
#3	.000265	.0001123	.0543843	.0019817	.000332	.0073512	.024161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011160**	**.0986318**	**.0003736**	**.0012622**	**-.603451**	**-.010452**	**-.008942**
Stddev	.0013960	.0507845	.0005533	.0015002	.499182	.004306	.007164
%RSD	125.0857	51.48892	148.0985	118.8523	82.72111	41.20264	80.11560
#1	.0011118	.0849570	.0010104	.0011915	-.953988	-.007247	-.005758
#2	-.000278	.1548536	.0000116	-.000201	-.824447	-.008761	-.017145
#3	.002514	.0560849	.0000987	.002797	-.031919	-.015347	-.003922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0483428**	**-.000887**	**.0108553**	**.0007221**	**-.006134**	**.0005404**	**.0009997**
Stddev	.1068376	.003634	.0016569	.0004230	.002781	.0017705	.0010403
%RSD	221.0002	409.6756	15.26392	58.57953	45.33704	327.6139	104.0626
#1	-.036629	.001633	.0117072	.0011986	-.007164	.0003740	.0021728
#2	.168283	-.005053	.0089457	.0003909	-.002985	.0023883	.0001894
#3	.013375	.000758	.0119129	.0005767	-.008252	-.001141	.0006368

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB029 Acquired: 12/15/2024 17:59:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001753	.0003151	.0003296
Stddev	.001591	.0000576	.0014330
%RSD	90.72617	18.28951	434.7601
#1	-.000126	.0003701	.0015165
#2	-.003305	.0002551	.0007347
#3	-.001828	.0003199	-.001262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.651	28088.28	2563.289	1946.707	3225.850
Stddev	7.906	166.72	14.361	14.850	15.290
%RSD	.3422877	.5935571	.5602536	.7628124	.4739723
#1	2300.825	27902.05	2559.577	1933.078	3212.955
#2	2316.083	28139.14	2551.148	1944.511	3242.741
#3	2312.044	28223.64	2579.141	1962.532	3221.855

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165442BL Acquired: 12/15/2024 18:03:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS442 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018658	.0011079	.0000895	-.003353	-.002527	-.010391	-.000088
Stddev	.0039910	.0018605	.0001734	.001830	.001251	.007070	.000995
%RSD	213.9096	167.9331	193.7101	54.56704	49.48105	68.04318	1133.684
#1	-.002734	.0032185	-.000073	-.001965	-.002054	-.017060	-.000148
#2	.003916	.0003990	.000069	-.002668	-.001583	-.002978	.000936
#3	.004415	-.000294	.000272	-.005426	-.003946	-.011134	-.001051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000742	.0000584	-.013136	-.000194	-.000533	-.010222	.0013460
Stddev	.0001558	.0000333	.041845	.000971	.000568	.009218	.0477117
%RSD	209.9656	57.10150	318.5483	501.4355	106.4660	90.18160	3544.573
#1	.0002461	.0000490	-.011126	-.000152	-.001181	-.005633	.0477169
#2	-.000058	.0000308	.027667	-.001185	-.000295	-.020834	.0039233
#3	.000034	.0000954	-.055950	.000756	-.000123	-.004199	-.047602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009456	.0289093	-.000539	.0009293	-.227679	-.010268	-.003977
Stddev	.0021881	.0118900	.000777	.0008470	.915665	.007070	.001436
%RSD	231.3939	41.12870	144.1029	91.14712	402.1740	68.85024	36.10901
#1	-.001459	.0155844	-.001388	.0018995	.823399	-.002548	-.005542
#2	.002820	.0384366	.000137	.0003373	-.653872	-.016426	-.002720
#3	.001475	.0327070	-.000366	.0005510	-.852564	-.011831	-.003670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1992637	-.001908	.0041045	.0000766	-.007926	.0000220	.0003866
Stddev	.2569769	.001160	.0011973	.0002587	.002615	.0009568	.0001173
%RSD	128.9632	60.81122	29.16992	337.5767	32.99931	4345.873	30.35120
#1	.1401559	-.002424	.0051446	-.000024	-.010943	.0009313	.0004948
#2	-.023009	-.000579	.0043732	-.000117	-.006301	-.000976	.0004030
#3	.480645	-.002721	.0027957	.000371	-.006533	.000111	.0002619

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165442BL Acquired: 12/15/2024 18:03:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS442 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002520	.0002978	-.007299
Stddev	.003110	.0003457	.006691
%RSD	123.4098	116.0800	91.67910
#1	-.003395	.0001911	-.001438
#2	.000934	.0006843	-.014589
#3	-.005099	.0000181	-.005868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.109	28221.59	2562.807	1963.892	3266.430
Stddev	14.866	72.45	20.945	5.708	20.079
%RSD	.6339176	.2567154	.8172503	.2906529	.6147051
#1	2334.590	28173.07	2562.061	1959.762	3255.946
#2	2338.622	28304.87	2542.245	1970.406	3253.762
#3	2362.117	28186.83	2584.114	1961.510	3289.580

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165442BS Acquired: 12/15/2024 18:07:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS442 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0208700**	**.0476446**	**.0197785**	**.0586902**	**.0930647**	**.3608528**
Stddev	.0013164	.0012059	.0008509	.0005230	.0015165	.0104140
%RSD	6.307793	2.530949	4.302347	.8910535	1.629464	2.885945
#1	.0205008	.0466730	.0199010	.0592274	.0914938	.3613754
#2	.0223317	.0489942	.0188730	.0581828	.0945201	.3709956
#3	.0197776	.0472667	.0205616	.0586604	.0931800	.3501873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3873279**	**.0098358**	**.0089314**	**9.533278**	**.0190234**	**.0922798**
Stddev	.0011175	.0000665	.0000242	.078180	.0003903	.0001711
%RSD	.2885256	.6763693	.2706726	.8200721	2.051819	.1853595
#1	.3872343	.0097733	.0089575	9.554394	.0191579	.0921401
#2	.3884893	.0099057	.0089097	9.598730	.0193286	.0924705
#3	.3862602	.0098283	.0089271	9.446708	.0185836	.0922286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0440081**	**.1780129**	**.0314120**	**9.978176**	**.0719253**	**.0198035**
Stddev	.0023440	.0097699	.0023536	.046081	.0005441	.0005227
%RSD	5.326369	5.488340	7.492822	.4618166	.7565131	2.639663
#1	.0462431	.1892727	.0306881	10.03132	.0725357	.0198976
#2	.0415685	.1729861	.0295053	9.94929	.0714914	.0202729
#3	.0442127	.1717798	.0340425	9.95392	.0717487	.0192401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.47084**	**.0866187**	**.1020769**	**9.495302**	**.0163335**	F **.0011956**
Stddev	1.60018	.0075232	.0052758	.269285	.0017697	.0023515
%RSD	15.28222	8.685370	5.168476	2.835986	10.83499	196.6811
#1	11.84981	.0866982	.0980456	9.712577	.0177095	.0036387
#2	8.71628	.0790562	.1080480	9.579300	.0143371	-.001052
#3	10.84644	.0941019	.1001371	9.194029	.0169540	.001000

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165442BS Acquired: 12/15/2024 18:07:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS442 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173253	.1604191	F .4891690	.0124953	.1867875	.1976498
Stddev	.0003751	.0010840	.0059707	.0020514	.0066377	.0006579
%RSD	2.165038	.6757522	1.220589	16.41741	3.553614	.3328456
#1	.0177546	.1611570	.4850741	.0127269	.1944445	.1977478
#2	.0171606	.1591745	.4960199	.0144211	.1832523	.1982532
#3	.0170608	.1609257	.4864129	.0103380	.1826656	.1969484

Elem	Li6707
Units	ppm
Avg	F .0184420
Stddev	.0032963
%RSD	17.87404
#1	.0198872
#2	.0207689
#3	.0146699

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.832	28066.92	2569.319	1949.306	3195.183
Stddev	2.793	192.96	25.776	10.804	5.713
%RSD	.1208979	.6875099	1.003213	.5542383	.1788132
#1	2307.844	27853.84	2569.094	1941.937	3189.727
#2	2313.025	28117.03	2543.656	1944.273	3201.123
#3	2308.628	28229.88	2595.206	1961.708	3194.699

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165377BL Acquired: 12/15/2024 18:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS377 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034636**	**.0015145**	**-.001444**	**.0018750**	**-.001788**	**-.017419**	**-.000339**
Stddev	.0023977	.0008324	.002176	.0055831	.002141	.010795	.001300
%RSD	69.22747	54.95942	150.6656	297.7709	119.7440	61.97299	382.8672
#1	.0011841	.0015998	-.000379	.0047090	.000553	-.008504	-.000284
#2	.0032424	.0006428	-.000006	.0054727	-.002270	-.029422	.000932
#3	.0059642	.0023010	-.003948	-.004557	-.003646	-.014332	-.001666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000857**	**.0000702**	**.0469373**	**-.000295**	**.0000145**	**.0054145**	**.0102583**
Stddev	.0000310	.0000227	.0574717	.000606	.0003806	.0084626	.0499299
%RSD	36.17571	32.40502	122.4436	205.6760	2625.710	156.2953	486.7281
#1	.0001107	.0000682	.0478276	-.000864	.0004486	-.002135	.0065865
#2	.0000953	.0000485	-.010974	.000343	-.000143	.014562	.0619227
#3	.0000510	.0000939	.103959	-.000364	-.000262	.003817	-.037734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000370**	**.0621765**	**.0003642**	**-.000801**	**-.033523**	**-.007167**	**-.006780**
Stddev	.001013	.0260998	.0008050	.000314	.284537	.012047	.005093
%RSD	274.0312	41.97704	221.0361	39.19566	848.7930	168.0761	75.11570
#1	.000748	.0429362	.0010481	-.001157	-.068017	.001612	-.003303
#2	-.001226	.0918854	.0005674	-.000684	-.299240	-.020902	-.004411
#3	-.000631	.0517078	-.000523	-.000563	.266689	-.002213	-.012626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1607653**	**.0000688**	**.0007185**	**-.000032**	**-.005527**	**.0019105**	**-.001179**
Stddev	.2148813	.0023314	.0016372	.000439	.006261	.0005923	.000742
%RSD	133.6615	3388.923	227.8469	1359.399	113.2723	31.00115	62.96777
#1	.2779061	-.000779	-.001122	-.000018	-.005404	.0018345	-.002015
#2	-.087232	-.001720	.002013	.000399	.000671	.0013599	-.000921
#3	.291622	.002706	.001264	-.000479	-.011849	.0025371	-.000600

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165377BL Acquired: 12/15/2024 18:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS377 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003006	.0002627	-.006775
Stddev	.001414	.0001539	.008097
%RSD	47.01759	58.57811	119.5206
#1	-.002916	.0004086	-.009184
#2	-.004463	.0002776	-.013393
#3	-.001640	.0001019	.002254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.914	28354.41	2591.498	1972.479	3251.590
Stddev	7.027	154.74	14.425	11.616	5.953
%RSD	.3014644	.5457346	.5566422	.5888906	.1830717
#1	2338.944	28506.95	2598.274	1983.673	3258.428
#2	2327.905	28197.56	2601.288	1960.483	3248.778
#3	2325.892	28358.71	2574.932	1973.280	3247.564

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165377BS Acquired: 12/15/2024 18:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS377 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204337**	**.0475361**	**.0199598**	**.0555622**	**.0921767**	**.4053435**
Stddev	.0026287	.0008449	.0022485	.0001729	.0008554	.0205318
%RSD	12.86473	1.777324	11.26508	.3111879	.9280018	5.065295
#1	.0201047	.0465666	.0196664	.0553835	.0927239	.4203022
#2	.0179850	.0481156	.0178724	.0557286	.0911909	.4137932
#3	.0232115	.0479259	.0223406	.0555746	.0926152	.3819351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3894544**	**.0097215**	**.0090624**	**9.628219**	**.0195167**	**.0920543**
Stddev	.0011923	.0001792	.0000629	.050406	.0015834	.0004735
%RSD	.3061441	1.843320	.6936836	.5235284	8.112877	.5144233
#1	.3881508	.0095341	.0089923	9.590275	.0179816	.0917028
#2	.3904896	.0098912	.0090810	9.685414	.0194242	.0925928
#3	.3897227	.0097392	.0091138	9.608969	.0211443	.0918674

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0499098**	**.1919005**	**.0306944**	**9.891359**	**.0725755**	**.0204088**
Stddev	.0063170	.0473455	.0015826	.017041	.0004546	.0004107
%RSD	12.65674	24.67188	5.155821	.1722810	.6263653	2.012204
#1	.0571996	.1372391	.0290519	9.908278	.0721842	.0204078
#2	.0464818	.2184024	.0322092	9.891599	.0724682	.0208200
#3	.0460479	.2200601	.0308222	9.874199	.0730742	.0199987

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.508250**	**.0984704**	**.0989951**	**9.441698**	**.0148338**	F **-.000746**
Stddev	.603675	.0091833	.0048024	.062426	.0009700	.000985
%RSD	6.348959	9.326002	4.851149	.6611781	6.539268	132.0403
#1	9.220879	.0970464	.0937614	9.461206	.0139870	-.001827
#2	10.20192	.1082826	.1031993	9.371847	.0158921	-.000510
#3	9.10195	.0900823	.1000247	9.492041	.0146223	.000100

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165377BS Acquired: 12/15/2024 18:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS377 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174640	.1581055	F .4896587	.0121791	.1905577	.1997542
Stddev	.0003152	.0013977	.0025218	.0010268	.0008802	.0005381
%RSD	1.805139	.8840570	.5150209	8.431069	.4619022	.2693707
#1	.0178168	.1581124	.4874029	.0111789	.1904960	.1992991
#2	.0173654	.1567043	.4923813	.0121278	.1897100	.2003481
#3	.0172099	.1594997	.4891920	.0132307	.1914672	.1996155

Elem	Li6707
Units	ppm
Avg	.0216420
Stddev	.0063711
%RSD	29.43878
#1	.0163307
#2	.0287061
#3	.0198893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.418	28057.04	2586.628	1959.687	3219.038
Stddev	2.510	100.36	7.191	7.944	3.041
%RSD	.1081042	.3577021	.2780032	.4053529	.0944697
#1	2320.702	27946.30	2589.978	1956.809	3216.622
#2	2319.344	28141.98	2578.373	1968.669	3218.039
#3	2324.208	28082.85	2591.532	1953.584	3222.453

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165359BL Acquired: 12/15/2024 18:19:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS359 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006666	.0021387	.0018846	-.000205	-.001360	-.026579	-.000669
Stddev	.0021543	.0008685	.0021161	.002929	.001194	.020094	.000598
%RSD	323.1624	40.60982	112.2885	1429.966	87.80824	75.59912	89.33385
#1	-.001734	.0011801	.0008445	-.002514	-.002717	-.009928	-.000124
#2	.001302	.0023627	.0004897	.003090	-.000895	-.048898	-.000575
#3	.002432	.0028733	.0043195	-.001190	-.000468	-.020911	-.001309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001584	-.000023	-.015758	.0003707	.0001144	-.008530	-.012324
Stddev	.0000430	.000035	.051931	.0007063	.0005314	.005028	.017037
%RSD	27.14880	147.5090	329.5520	190.5265	464.4977	58.95070	138.2370
#1	.0001103	-.000049	-.033556	-.000278	.0006909	-.013301	-.027330
#2	.0001719	.000016	-.056450	.001123	.0000081	-.003279	-.015838
#3	.0001930	-.000037	.042732	.000268	-.000356	-.009009	.006195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001529	.0550809	.0002106	.0002773	.2493689	.0034437	-.011553
Stddev	.001214	.0109849	.0002315	.0013343	.1770875	.0130187	.001371
%RSD	79.41983	19.94319	109.9239	481.0888	71.01427	378.0423	11.86378
#1	-.002486	.0445848	.0001009	.0008477	.1374529	-.010739	-.010283
#2	-.001938	.0541611	.0004765	.0012317	.4535365	.014851	-.011368
#3	-.000163	.0664967	.0000544	-.001247	.1571172	.006219	-.013006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2701455	.0004708	-.002016	.0002214	-.008433	.0019650	-.001597
Stddev	.0240641	.0019473	.001376	.0004018	.002997	.0007483	.000579
%RSD	8.907817	413.6155	68.27482	181.4867	35.53615	38.08114	36.26402
#1	.2435916	.0013096	-.001598	.0000714	-.005276	.0016512	-.000970
#2	.2763338	.0018582	-.000896	.0006766	-.011239	.0028192	-.002112
#3	.2905110	-.001755	-.003552	-.000084	-.008782	.0014248	-.001709

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165359BL Acquired: 12/15/2024 18:19:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS359 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002769	.0000928	-.008880
Stddev	.005137	.0000874	.003092
%RSD	185.5306	94.18209	34.82274
#1	.003111	.0001841	-.007849
#2	-.005027	.0000845	-.006435
#3	-.006390	.0000099	-.012355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.918	28177.73	2604.479	1963.123	3242.567
Stddev	3.155	83.10	61.965	2.565	3.078
%RSD	.1359783	.2949297	2.379158	.1306686	.0949321
#1	2317.817	28142.23	2574.835	1960.855	3241.468
#2	2318.391	28272.69	2562.905	1965.907	3240.189
#3	2323.545	28118.29	2675.697	1962.607	3246.044

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165359BS Acquired: 12/15/2024 18:23:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS359 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0217073**	**.0491947**	**.0196270**	**.0533178**	**.0925889**	**.3802635**
Stddev	.0048209	.0011412	.0013645	.0031865	.0019940	.0150138
%RSD	22.20879	2.319829	6.951942	5.976520	2.153590	3.948261
#1	.0163457	.0505116	.0211025	.0508612	.0903047	.3971262
#2	.0230917	.0484932	.0193679	.0569185	.0939820	.3683464
#3	.0256846	.0485794	.0184107	.0521738	.0934798	.3753178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3902492**	**.0096547**	**.0089895**	**9.624309**	**.0202235**	**.0912949**
Stddev	.0029794	.0002033	.0001603	.048701	.0004913	.0003820
%RSD	.7634665	2.105899	1.782850	.5060235	2.429570	.4184292
#1	.3926474	.0097831	.0089251	9.675559	.0207908	.0917343
#2	.3911864	.0094203	.0088715	9.618732	.0199351	.0910418
#3	.3869139	.0097607	.0091720	9.578636	.0199446	.0911085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0510558**	**.1713515**	**.0311262**	**9.950077**	**.0719206**	**.0204622**
Stddev	.0030673	.0412147	.0007053	.097923	.0004553	.0000634
%RSD	6.007689	24.05272	2.266105	.9841429	.6331264	.3099031
#1	.0534409	.1884234	.0306630	10.05508	.0724187	.0205345
#2	.0475957	.1243439	.0307776	9.86125	.0718173	.0204362
#3	.0521308	.2012871	.0319379	9.93390	.0715258	.0204159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.635655**	**.0932455**	**.0994555**	**9.557946**	**.0154924**	F **-.000833**
Stddev	.821308	.0007594	.0148663	.113885	.0017995	.001967
%RSD	8.523640	.8144369	14.94767	1.191525	11.61536	236.2356
#1	10.32363	.0934477	.1012692	9.613005	.0134628	-.002781
#2	8.72637	.0938834	.0837656	9.426994	.0168928	-.000870
#3	9.85697	.0924055	.1133317	9.633839	.0161217	.001153

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165359BS Acquired: 12/15/2024 18:23:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS359 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176460	.1550186	F .4920665	.0115679	.1906413	.1993334
Stddev	.0004032	.0022241	.0041881	.0011031	.0027769	.0008736
%RSD	2.284722	1.434729	.8511327	9.535731	1.456636	.4382569
#1	.0173219	.1564179	.4964855	.0120681	.1932960	.2002316
#2	.0180975	.1561839	.4881557	.0123323	.1908717	.1992819
#3	.0175186	.1524540	.4915582	.0103033	.1877564	.1984867

Elem	Li6707
Units	ppm
Avg	F .0204459
Stddev	.0047854
%RSD	23.40495
#1	.0158373
#2	.0201101
#3	.0253903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.121	28135.02	2588.280	1960.542	3232.854
Stddev	11.960	84.87	28.122	10.165	8.297
%RSD	.5150483	.3016364	1.086522	.5184849	.2566588
#1	2321.749	28127.85	2556.621	1961.610	3230.585
#2	2334.263	28053.97	2597.853	1949.885	3242.049
#3	2310.352	28223.25	2610.366	1970.131	3225.926

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165408BL Acquired: 12/15/2024 18:27:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS408 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039213	.0013801	.0009244	-.001717	.0000859	-.019750	.0000096
Stddev	.0029220	.0019519	.0013168	.002730	.0026696	.003175	.0012089
%RSD	74.51536	141.4317	142.4449	158.9837	3106.452	16.07516	12598.11
#1	.0034861	-.000859	.0006072	.001320	.0005324	-.016153	.0012872
#2	.0012413	.002276	-.000205	-.002506	.0025042	-.022164	-.000142
#3	.0070365	.002723	.002371	-.003966	-.002779	-.020932	-.001116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000902	.0000600	-.008436	.0001501	-.000120	.0007108	.0195408
Stddev	.0000709	.0000240	.017880	.0010617	.000174	.0044211	.0162812
%RSD	78.60899	40.02072	211.9354	707.2761	145.4726	621.9377	83.31921
#1	.0001472	.0000325	-.025522	-.000552	-.000009	.0057173	.0280253
#2	.0001126	.0000771	.010144	.001372	-.000030	-.002657	.0298274
#3	.0000108	.0000703	-.009931	-.000370	-.000321	-.000928	.0007696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001506	.0532775	-.000248	.0005791	-.038560	.0020889	-.011870
Stddev	.000868	.0489686	.000617	.0000738	1.032253	.0121285	.011838
%RSD	57.66936	91.91226	248.8393	12.73934	2676.986	580.6162	99.72491
#1	-.002397	.0105712	-.000527	.0006092	-.346752	-.011498	-.000237
#2	-.000662	.0425363	-.000676	.0004951	-.881616	.011823	-.023902
#3	-.001459	.1067251	.000459	.0006331	1.112686	.005942	-.011471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3204808	-.001652	-.002958	.0004387	-.008152	.0012512	-.001795
Stddev	.1466463	.000407	.001396	.0003614	.002379	.0012025	.001476
%RSD	45.75821	24.65398	47.18463	82.39251	29.18375	96.11409	82.20073
#1	.2220180	-.001258	-.004250	.0008526	-.005444	.0001453	-.003495
#2	.2504061	-.002072	-.003146	.0001856	-.009903	.0010769	-.000841
#3	.4890182	-.001627	-.001478	.0002778	-.009110	.0025313	-.001049

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165408BL Acquired: 12/15/2024 18:27:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS408 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002233	.0001975	-.009396
Stddev	.000615	.0000408	.006943
%RSD	27.54630	20.67157	73.88844
#1	-.002889	.0001514	-.012391
#2	-.001670	.0002291	-.001459
#3	-.002139	.0002121	-.014339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.796	28250.21	2570.421	1963.975	3255.174
Stddev	6.758	96.15	8.542	6.305	12.400
%RSD	.2913247	.3403434	.3323247	.3210396	.3809331
#1	2320.959	28349.64	2578.637	1970.351	3255.863
#2	2325.897	28243.26	2571.038	1963.832	3267.215
#3	2312.532	28157.72	2561.587	1957.743	3242.444

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165408BS Acquired: 12/15/2024 18:31:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS408 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0208627**	**.0486157**	**.0168878**	**.0550551**	**.0969031**	**.4077708**
Stddev	.0014573	.0018509	.0018954	.0071726	.0014842	.0040527
%RSD	6.985145	3.807095	11.22345	13.02807	1.531636	.9938617
#1	.0194967	.0496424	.0184215	.0619193	.0951969	.4110413
#2	.0223967	.0464791	.0174732	.0556363	.0978959	.4032369
#3	.0206947	.0497257	.0147688	.0476095	.0976165	.4090341

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3917727**	**.0099342**	**.0090561**	**9.657341**	**.0199329**	**.0919765**
Stddev	.0006944	.0001317	.0000469	.110262	.0006314	.0004116
%RSD	.1772361	1.325222	.5174382	1.141743	3.167779	.4474469
#1	.3916614	.0100860	.0090178	9.692484	.0193224	.0919577
#2	.3925160	.0098656	.0090421	9.745748	.0198930	.0915746
#3	.3911407	.0098510	.0091084	9.533791	.0205834	.0923971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0456237**	**.2023339**	**.0304110**	**10.15312**	**.0716974**	**.0198299**
Stddev	.0099454	.0387305	.0025264	.10813	.0003494	.0011130
%RSD	21.79880	19.14189	8.307627	1.064989	.4872947	5.612768
#1	.0566926	.1660080	.0302940	10.26104	.0717120	.0200300
#2	.0427386	.1979051	.0279451	10.15356	.0713409	.0186304
#3	.0374397	.2430884	.0329939	10.04478	.0720392	.0208293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.899030**	**.1005988**	**.1000637**	**9.729479**	**.0167161**	F **-.003060**
Stddev	.742033	.0034942	.0079551	.130971	.0012792	.001148
%RSD	7.496016	3.473370	7.950040	1.346126	7.652249	37.53334
#1	9.722537	.0979627	.0908927	9.720830	.0170822	-.002504
#2	10.71340	.1045621	.1051001	9.603047	.0152938	-.002295
#3	9.26116	.0992716	.1041984	9.864560	.0177723	-.004380

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165408BS Acquired: 12/15/2024 18:31:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS408 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175603	.1570852	F .4949146	.0114232	.1936510	.2010279
Stddev	.0006215	.0033449	.0009964	.0010850	.0024950	.0011566
%RSD	3.539333	2.129327	.2013180	9.498233	1.288400	.5753486
#1	.0182438	.1544313	.4939071	.0124289	.1929432	.2021061
#2	.0170290	.1559820	.4958995	.0102733	.1915864	.2011713
#3	.0174081	.1608424	.4949372	.0115672	.1964234	.1998062

Elem	Li6707
Units	ppm
Avg	.0216338
Stddev	.0049815
%RSD	23.02650
#1	.0271894
#2	.0175648
#3	.0201472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.876	28007.00	2544.900	1939.778	3203.795
Stddev	2.620	79.26	14.251	2.832	5.372
%RSD	.1137630	.2829871	.5600002	.1460017	.1676608
#1	2299.856	28054.01	2546.819	1943.011	3200.589
#2	2304.232	27915.50	2529.786	1938.585	3209.996
#3	2304.540	28051.50	2558.094	1937.738	3200.799

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165373BL Acquired: 12/15/2024 18:35:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS373 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019611	.0011746	-.000633	-.000191	-.001513	-.022701	.0007224
Stddev	.0022229	.0011591	.002304	.004486	.002080	.009603	.0005279
%RSD	113.3495	98.67579	363.9370	2342.926	137.5117	42.30066	73.07639
#1	.0039537	.0022539	-.000717	.003697	-.002557	-.017131	.0011705
#2	-.000436	-.000050	-.002894	.000827	.000883	-.017184	.0001405
#3	.002366	.001320	.001712	-.005099	-.002864	-.033790	.0008563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000425	-.017746	.0007197	.0001036	.0001048	-.002287
Stddev	.000124	.0000096	.048479	.0005014	.0002652	.0070917	.012821
%RSD	9000.051	22.60822	273.1764	69.67500	255.9573	6764.990	560.5353
#1	-.000074	.0000325	-.055476	.0012986	-.000202	-.003677	-.011586
#2	.000141	.0000517	-.034694	.0004213	.000271	.008286	.012338
#3	-.000072	.0000432	.036931	.0004391	.000243	-.004295	-.007614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020168	.0069904	.0001252	.0012111	.2537445	.0025819	-.014930
Stddev	.0019374	.0457642	.0000094	.0003736	.4652006	.0172496	.009068
%RSD	96.06397	654.6764	7.541398	30.85161	183.3342	668.1048	60.73530
#1	.0025342	.0051425	.0001318	.0007853	-.139397	.0223440	-.014427
#2	-.000127	-.037822	.0001144	.0014843	.133312	-.005145	-.006124
#3	.003643	.053650	.0001294	.0013636	.767319	-.009453	-.024239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275713	-.001284	-.002187	.0001593	-.004614	.0027901	-.002714
Stddev	.0944882	.002521	.001893	.0002660	.003551	.0004589	.001431
%RSD	74.06696	196.4423	86.58362	166.9640	76.96280	16.44796	52.73572
#1	.0771029	.000173	-.000601	.0004018	-.007838	.0030356	-.001119
#2	.2365773	.000172	-.001676	-.000125	-.000808	.0030740	-.003886
#3	.0690336	-.004195	-.004283	.000201	-.005195	.0022606	-.003136

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165373BL Acquired: 12/15/2024 18:35:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS373 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0001950	.0002076	-.008285
Stddev	.0018962	.0002617	.006410
%RSD	972.4814	126.0922	77.37074
#1	.0000767	-.000010	-.002471
#2	.0021476	.000135	-.015159
#3	-.001639	.000498	-.007225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.361	28102.79	2563.013	1949.089	3245.680
Stddev	1.136	356.98	15.854	26.167	4.640
%RSD	.0488519	1.270268	.6185622	1.342501	.1429571
#1	2325.706	28165.37	2544.721	1957.744	3250.996
#2	2326.284	28424.33	2571.528	1969.831	3242.445
#3	2324.092	27718.65	2572.789	1919.691	3243.598

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165373BS Acquired: 12/15/2024 18:39:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS373 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0210009**	**.0499943**	**.0195116**	**.0523439**	**.0925672**	**.3707225**
Stddev	.0030597	.0003615	.0028860	.0042883	.0040225	.0080544
%RSD	14.56950	.7230569	14.79111	8.192641	4.345542	2.172623
#1	.0211548	.0501165	.0226365	.0505191	.0918405	.3727299
#2	.0178670	.0502788	.0169467	.0492697	.0889576	.3775834
#3	.0239807	.0495875	.0189515	.0572428	.0969036	.3618543

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3857945**	**.0097901**	**.0089067**	**9.541447**	**.0193646**	**.0914474**
Stddev	.0025657	.0000296	.0001900	.018061	.0006195	.0009559
%RSD	.6650384	.3021581	2.132754	.1892889	3.198938	1.045319
#1	.3837575	.0098243	.0088781	9.523894	.0194631	.0922166
#2	.3849500	.0097736	.0087326	9.540471	.0199289	.0903772
#3	.3886760	.0097725	.0091093	9.559976	.0187018	.0917484

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0383048**	**.1979875**	**.0321982**	**9.996391**	**.0712556**	**.0201276**
Stddev	.0119272	.0271166	.0015520	.058592	.0003962	.0005384
%RSD	31.13771	13.69610	4.820169	.5861308	.5560305	2.675108
#1	.0246326	.1803582	.0327032	10.01027	.0711126	.0198015
#2	.0437049	.1843921	.0304566	9.93211	.0709508	.0207491
#3	.0465769	.2292123	.0334349	10.04680	.0717035	.0198323

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.755707**	**.0935324**	**.1016046**	**9.459422**	**.0176009**	F **-.003974**
Stddev	.950151	.0156153	.0056454	.078940	.0017804	.001019
%RSD	9.739441	16.69510	5.556231	.8345139	10.11540	25.65270
#1	9.671265	.0895986	.0960726	9.548326	.0195833	-.003919
#2	8.850595	.1107385	.1013843	9.432394	.0161382	-.005020
#3	10.74526	.0802602	.1073569	9.397545	.0170812	-.002983

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: PB165373BS Acquired: 12/15/2024 18:39:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS373 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172625	.1568443	F .4860638	.0106430	.1871377	.1976237
Stddev	.0006630	.0034204	.0008442	.0004901	.0055480	.0011078
%RSD	3.840663	2.180780	.1736796	4.605358	2.964654	.5605708
#1	.0178247	.1547957	.4867431	.0111596	.1881444	.1976895
#2	.0165314	.1549443	.4863295	.0101844	.1811553	.1964845
#3	.0174315	.1607930	.4851187	.0105850	.1921134	.1986972

Elem	Li6707
Units	ppm
Avg	F .0177363
Stddev	.0009596
%RSD	5.410488
#1	.0181784
#2	.0166353
#3	.0183951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.507	28123.35	2578.619	1949.644	3226.159
Stddev	13.353	96.33	3.684	5.967	21.105
%RSD	.5724731	.3425190	.1428645	.3060528	.6541925
#1	2322.635	28234.44	2579.287	1955.747	3208.977
#2	2347.700	28072.69	2581.924	1949.360	3249.717
#3	2327.186	28062.93	2574.648	1943.824	3219.782

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-17 Acquired: 12/15/2024 18:43:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862568	.0138682	10.21266	.0046705	.0273367	76.07806
Stddev	.0045925	.0013276	.01127	.0012788	.0019825	.11939
%RSD	5.324209	9.572600	.1103121	27.38035	7.252301	.1569354
#1	.0820181	.0145783	10.20014	.0036732	.0250835	76.02466
#2	.0911359	.0123366	10.22198	.0061122	.0288136	76.21483
#3	.0856165	.0146897	10.21585	.0042261	.0281129	75.99468

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257295	.0066425	.0091014	62.66482	.1512696	.1027919
Stddev	.003286	.0001278	.0000634	.32309	.0010484	.0006776
%RSD	.2613190	1.923994	.6966595	.5155844	.6930775	.6592225
#1	1.256397	.0065250	.0091246	62.32742	.1500660	.1022013
#2	1.260937	.0067786	.0090297	62.97139	.1517590	.1026428
#3	1.254553	.0066241	.0091500	62.69564	.1519838	.1035317

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2638653	154.5090	6.478957	32.65559	.2420119	-.009214
Stddev	.0059883	.4085	.016016	.05965	.0002947	.000754
%RSD	2.269459	.2643841	.2471973	.1826539	.1217898	8.185172
#1	.2705145	154.5255	6.494666	32.62686	.2417362	-.010070
#2	.2621843	154.9089	6.479555	32.72417	.2423226	-.008645
#3	.2588971	154.0924	6.462651	32.61575	.2419770	-.008928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088426	.1609862	2.343898	10.77819	F 13.47691	.0126846
Stddev	.251196	.0050988	.027781	.11671	.00630	.0026848
%RSD	23.07888	3.167235	1.185255	1.082795	.0467400	21.16566
#1	.817463	.1583400	2.374420	10.65242	13.48245	.0134588
#2	1.313541	.1668641	2.320087	10.88298	13.47006	.0096977
#3	1.134273	.1577544	2.337187	10.79916	13.47821	.0148971

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-17 Acquired: 12/15/2024 18:43:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038849	3.397539	8.108319	.1688521	1.189837	.0238242
Stddev	.0000713	.008637	.063280	.0001733	.001447	.0004097
%RSD	1.834704	.2541998	.7804342	.1026248	.1215862	1.719504
#1	.0038340	3.388100	8.036095	.1690347	1.189021	.0239110
#2	.0038542	3.405046	8.154029	.1688316	1.188982	.0241835
#3	.0039663	3.399471	8.134834	.1686899	1.191507	.0233781

Elem	Li6707
Units	ppm
Avg	.1147477
Stddev	.0032597
%RSD	2.840781
#1	.1110967
#2	.1157804
#3	.1173659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.612	34218.86	3252.497	2373.308	3056.464
Stddev	7.695	154.61	25.540	14.181	5.112
%RSD	.2725288	.4518326	.7852370	.5975294	.1672469
#1	2832.477	34285.67	3280.838	2383.788	3062.364
#2	2819.711	34328.83	3245.388	2378.965	3053.659
#3	2818.649	34042.08	3231.265	2357.171	3053.368

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-18 Acquired: 12/15/2024 18:47:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0979243**	**.0080400**	**2.838877**	**.0024707**	**.0353417**	**69.16943**
Stddev	.0035692	.0023244	.000848	.0046004	.0020770	.18269
%RSD	3.644887	28.91088	.0298791	186.1974	5.876957	.2641139
#1	.0959258	.0053760	2.838145	.0060339	.0344729	69.30125
#2	.0958020	.0096555	2.839806	-.002723	.0377121	68.96090
#3	.1020451	.0090884	2.838678	.004101	.0338403	69.24614

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.591388**	**.0071086**	**.0095568**	**77.40014**	**.1968122**	**.1003500**
Stddev	.005063	.0001463	.0000894	.40390	.0002493	.0010396
%RSD	.3181669	2.057472	.9349073	.5218388	.1266429	1.035954
#1	1.595476	.0071293	.0096325	77.55572	.1965562	.1014520
#2	1.585724	.0069531	.0095797	76.94159	.1968263	.1002111
#3	1.592963	.0072435	.0094582	77.70312	.1970541	.0993868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3669935**	**188.1985**	**4.647405**	**33.75371**	**.2412761**	**-.011897**
Stddev	.0007579	.5206	.011008	.09386	.0012240	.001184
%RSD	.2065085	.2766392	.2368581	.2780847	.5073095	9.952855
#1	.3668791	188.1576	4.639007	33.81077	.2426774	-.010530
#2	.3662992	187.6995	4.643341	33.80499	.2407354	-.012612
#3	.3678020	188.7384	4.659867	33.64538	.2404156	-.012549

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7795940**	**.1867577**	**2.085324**	**7.180475**	F **12.45014**	**-.002959**
Stddev	.4974927	.0049083	.024167	.105305	.01158	.001823
%RSD	63.81433	2.628190	1.158931	1.466547	.0929766	61.61640
#1	1.069391	.1921035	2.058741	7.070888	12.45064	-.003131
#2	.205147	.1857153	2.091261	7.189636	12.43832	-.004690
#3	1.064244	.1824542	2.105970	7.280900	12.46146	-.001056

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-18 Acquired: 12/15/2024 18:47:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099044**	**5.687358**	**8.874004**	**.2389737**	**1.291500**	**.0461387**
Stddev	.0006017	.004333	.035567	.0011548	.004024	.0003698
%RSD	6.075252	.0761884	.4007953	.4832338	.3115908	.8015623
#1	.0095725	5.682434	8.912531	.2399225	1.286939	.0457141
#2	.0105990	5.690589	8.842423	.2376879	1.293008	.0463904
#3	.0095417	5.689050	8.867057	.2393106	1.294552	.0463116

Elem	Li6707
Units	ppm
Avg	**.1101406**
Stddev	.0036482
%RSD	3.312277
#1	.1089276
#2	.1072535
#3	.1142408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2621.043**	**31963.62**	**2980.926**	**2209.514**	**3064.709**
Stddev	4.302	54.02	13.103	11.180	6.142
%RSD	.1641222	.1690150	.4395498	.5059843	.2004150
#1	2617.462	32017.49	2971.671	2220.006	3057.710
#2	2625.815	31963.92	2995.919	2210.782	3069.203
#3	2619.853	31909.45	2975.189	2197.755	3067.214

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-19 Acquired: 12/15/2024 18:51:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897685	.0065332	2.169439	.0042829	.0300490	58.86769	1.301166
Stddev	.0033907	.0011927	.012305	.0056187	.0023196	.11910	.006268
%RSD	3.777116	18.25617	.5672023	131.1894	7.719411	.2023115	.4817306
#1	.0936390	.0052886	2.156645	-.001959	.0274369	58.73655	1.297094
#2	.0883442	.0066447	2.170484	.005871	.0318682	58.89739	1.298020
#3	.0873223	.0076661	2.181189	.008936	.0308417	58.96912	1.308384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060075	.0073883	63.96481	.1602444	.0847774	.2809324	168.9002
Stddev	.0001729	.0001414	.17440	.0006744	.0005193	.0071496	.6007
%RSD	2.878370	1.913691	.2726512	.4208759	.6125959	2.544944	.3556577
#1	.0059045	.0072983	63.85176	.1600738	.0842412	.2728732	168.4327
#2	.0062071	.0073153	63.87701	.1596717	.0852781	.2865122	168.6902
#3	.0059109	.0075513	64.16566	.1609878	.0848128	.2834118	169.5777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.213753	30.26586	.1935840	-.009904	.4580694	.1540575	1.651126
Stddev	.018196	.08020	.0007308	.001274	.4867761	.0124232	.004739
%RSD	.4318261	.2649825	.3775227	12.86463	106.2669	8.064027	.2870098
#1	4.197205	30.25904	.1929441	-.010528	.6718087	.1405897	1.648754
#2	4.210815	30.18928	.1943804	-.008438	-.099009	.1565134	1.648041
#3	4.233240	30.34925	.1934275	-.010747	.801408	.1650693	1.656583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113958	9.894857	-.010201	.0076044	4.086802	9.490909	.0932338
Stddev	.107481	.072164	.000993	.0004788	.017015	.010722	.0011680
%RSD	2.101717	.7293092	9.731086	6.296807	.4163301	.1129741	1.252744
#1	5.079291	9.815121	-.009232	.0075119	4.067156	9.491017	.0919426
#2	5.028089	9.913768	-.011216	.0071786	4.096835	9.501577	.0942168
#3	5.234494	9.955683	-.010154	.0081227	4.096413	9.480133	.0935420

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-19 Acquired: 12/15/2024 18:51:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.162799	.0089013	.0935563
Stddev	.007198	.0003992	.0081772
%RSD	.6190623	4.484618	8.740372
#1	1.161928	.0087975	.0915739
#2	1.156076	.0085642	.1025424
#3	1.170394	.0093421	.0865526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.487	31090.71	2880.494	2155.825	3075.792
Stddev	6.154	88.81	4.128	14.597	11.015
%RSD	.2421399	.2856549	.1433182	.6770886	.3581116
#1	2544.213	31037.95	2885.012	2143.100	3085.286
#2	2545.807	31193.24	2876.918	2171.760	3078.373
#3	2534.441	31040.93	2879.554	2152.617	3063.715

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-20 Acquired: 12/15/2024 18:55:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1103386**	**.0162644**	**2.842377**	**-.001475**	**.0282688**	**66.49128**
Stddev	.0033841	.0048526	.003219	.004780	.0041110	.36127
%RSD	3.066974	29.83560	.1132340	324.1216	14.54266	.5433386
#1	.1099070	.0193498	2.841023	-.005279	.0308695	66.23115
#2	.1139178	.0187722	2.840057	.003891	.0235293	66.90377
#3	.1071911	.0106710	2.846052	-.003037	.0304077	66.33891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.680520**	**.0070333**	**.0088517**	**130.5810**	**.1594406**	**.1063218**
Stddev	.010527	.0000055	.0001037	.5265	.0011947	.0005044
%RSD	.6264230	.0786353	1.171851	.4031905	.7492904	.4743718
#1	1.675623	.0070395	.0089249	130.1903	.1582328	.1068887
#2	1.692604	.0070313	.0087330	131.1797	.1606217	.1061540
#3	1.673334	.0070290	.0088971	130.3730	.1594674	.1059228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3559207**	**185.5842**	**5.360271**	**50.87773**	**.2218921**	**-.010425**
Stddev	.0069320	.8869	.032646	.37900	.0007511	.000400
%RSD	1.947618	.4778706	.6090273	.7449223	.3385070	3.832430
#1	.3527223	185.4022	5.349115	50.57788	.2227586	-.009969
#2	.3638745	186.5479	5.397032	51.30371	.2214269	-.010593
#3	.3511654	184.8025	5.334666	50.75159	.2214907	-.010713

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5937152**	**.1899309**	**1.900200**	**5.241804**	F **10.98552**	**.0152333**
Stddev	.2970891	.0064978	.015226	.108631	.01538	.0032309
%RSD	50.03900	3.421145	.8012712	2.072388	.1399994	21.20942
#1	.8695125	.1891746	1.885305	5.357061	10.96871	.0189542
#2	.2791422	.1967738	1.899559	5.141311	10.98896	.0136077
#3	.6324910	.1838444	1.915737	5.227040	10.99889	.0131381

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-20 Acquired: 12/15/2024 18:55:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114650	4.776345	9.216245	.1413043	1.235093	.1212163
Stddev	.0004993	.011783	.020577	.0021496	.006632	.0013226
%RSD	4.354956	.2466847	.2232669	1.521284	.5369610	1.091122
#1	.0118146	4.765223	9.217796	.1432692	1.233567	.1203107
#2	.0108931	4.788693	9.236002	.1390084	1.242355	.1227341
#3	.0116871	4.775119	9.194936	.1416353	1.229357	.1206041

Elem	Li6707
Units	ppm
Avg	.1060882
Stddev	.0045357
%RSD	4.275409
#1	.1021506
#2	.1050663
#3	.1110477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.817	31288.38	2931.992	2168.430	2998.922
Stddev	3.525	36.40	5.165	8.180	5.326
%RSD	.1368370	.1163505	.1761678	.3772107	.1776080
#1	2573.922	31286.19	2937.434	2174.108	2998.251
#2	2579.883	31325.83	2927.158	2172.128	3004.552
#3	2573.644	31253.12	2931.384	2159.055	2993.963

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-21 Acquired: 12/15/2024 18:58:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0906189	.0163906	2.361956	-.009483	.0273626	61.83587	1.888526
Stddev	.0013246	.0024121	.001090	.005973	.0029629	.18437	.003220
%RSD	1.461706	14.71647	.0461623	62.98740	10.82814	.2981589	.1705205
#1	.0893559	.0191150	2.362641	-.012023	.0245380	61.62306	1.885317
#2	.0905032	.0145269	2.362527	-.013767	.0271031	61.94744	1.888504
#3	.0919975	.0155297	2.360698	-.002660	.0304467	61.93711	1.891757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070960	.0085189	223.8502	.1417994	.1158534	.3105641	188.7253
Stddev	.0000776	.0000883	.4667	.0005900	.0004463	.0012389	.7907
%RSD	1.093162	1.036155	.2084740	.4160910	.3852185	.3989018	.4189580
#1	.0070086	.0086196	223.3117	.1420333	.1163299	.3115962	187.8247
#2	.0071227	.0084550	224.1013	.1422367	.1157849	.3109059	189.3054
#3	.0071567	.0084822	224.1375	.1411284	.1154453	.3091903	189.0458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517290	50.68648	.3316666	-.010329	1.290734	.1654650	1.819921
Stddev	.011329	.15311	.0015548	.001085	.634411	.0146711	.010105
%RSD	.2053275	.3020663	.4687831	10.50318	49.15119	8.866605	.5552539
#1	5.504355	50.82369	.3327798	-.009077	1.160264	.1606455	1.823860
#2	5.522066	50.52132	.3323298	-.010947	.731701	.1819396	1.827463
#3	5.525448	50.71442	.3298902	-.010964	1.980237	.1538099	1.808440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886158	8.156210	.0158331	.0150903	3.350474	10.14499	.0776941
Stddev	.180742	.016922	.0019091	.0003793	.012048	.02740	.0019894
%RSD	3.699052	.2074786	12.05744	2.513855	.3596050	.2701007	2.560498
#1	4.764993	8.159314	.0142785	.0147686	3.353893	10.11653	.0792244
#2	5.093903	8.171366	.0152569	.0149938	3.360443	10.14725	.0754453
#3	4.799579	8.137951	.0179639	.0155086	3.337085	10.17119	.0784124

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-21 Acquired: 12/15/2024 18:58:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.575099	.3150772	.1042521
Stddev	.013842	.0006026	.0041498
%RSD	.8787787	.1912676	3.980568
#1	1.571118	.3150367	.1028172
#2	1.563683	.3156990	.1089289
#3	1.590494	.3144958	.1010101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.064	30150.99	2845.967	2086.449	2897.192
Stddev	4.954	28.15	10.783	3.377	8.051
%RSD	.2010382	.0933479	.3788828	.1618615	.2778990
#1	2458.497	30155.67	2857.702	2087.827	2890.846
#2	2467.988	30176.50	2843.702	2082.600	2894.481
#3	2465.706	30120.80	2836.496	2088.919	2906.249

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-22 Acquired: 12/15/2024 19:02:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0864969**	**.0121776**	**1.871540**	**-.005746**	**.0305104**	**55.61931**	**1.379338**
Stddev	.0018603	.0029878	.004332	.002240	.0035623	.56976	.012720
%RSD	2.150722	24.53518	.2314687	38.97604	11.67573	1.024401	.9221936
#1	.0846237	.0128705	1.872224	-.005768	.0299583	55.68405	1.379931
#2	.0883440	.0147580	1.866906	-.007974	.0272564	55.01993	1.366332
#3	.0865229	.0089042	1.875488	-.003495	.0343166	56.15393	1.391751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0070853**	**.0067965**	**126.4401**	**.1334942**	**.0969175**	**.3074825**	**186.1554**
Stddev	.0000563	.0000640	1.3834	.0047066	.0003143	.0031590	1.9311
%RSD	.7941563	.9414935	1.094153	3.525673	.3243073	1.027382	1.037336
#1	.0070841	.0067620	126.7403	.1305650	.0967727	.3047749	186.5632
#2	.0070297	.0068704	124.9312	.1389233	.0967018	.3067195	184.0530
#3	.0071422	.0067572	127.6488	.1309945	.0972782	.3109532	187.8499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.950270**	**48.89854**	**.2389908**	**-.012100**	**2.045462**	**.1730504**	**1.395138**
Stddev	.038988	.30818	.0013973	.001600	.567858	.0085661	.047104
%RSD	.9869731	.6302402	.5846457	13.22163	27.76187	4.950061	3.376326
#1	3.950109	48.96398	.2390637	-.010993	1.883557	.1785703	1.369211
#2	3.911363	48.56290	.2375585	-.013934	1.576139	.1773985	1.449510
#3	3.989339	49.16875	.2403501	-.011372	2.676690	.1631823	1.366694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.524763**	**7.692525**	**.0054291**	**.0105717**	**3.153478**	**9.019652**	**.0824056**
Stddev	.070622	.036441	.0035964	.0003155	.018564	.085493	.0003752
%RSD	1.560792	.4737238	66.24335	2.984442	.5886886	.9478518	.4553123
#1	4.511279	7.666981	.0081688	.0109160	3.133387	8.922685	.0822149
#2	4.461856	7.676338	.0013565	.0105026	3.157051	9.052104	.0828379
#3	4.601156	7.734256	.0067620	.0102965	3.169996	9.084168	.0821641

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5012-22 Acquired: 12/15/2024 19:02:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.480367	.1347533	.0854487
Stddev	.009258	.0011857	.0073018
%RSD	.6253952	.8799230	8.545185
#1	1.488680	.1346565	.0898094
#2	1.470390	.1336189	.0895177
#3	1.482032	.1359845	.0770190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2483.969	30390.46	2843.119	2090.002	2985.433
Stddev	5.678	904.46	17.479	69.857	10.375
%RSD	.2285744	2.976122	.6147884	3.342444	.3475158
#1	2477.618	31091.20	2854.273	2139.351	2980.217
#2	2488.554	29369.44	2852.109	2010.069	2997.380
#3	2485.736	30710.74	2822.974	2120.586	2978.701

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/15/2024 19:06:33 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	**.1229294**	**.0278922**	**1.422318**	**.0339170**	**.0235576**	**94.93577**
Stddev	.0040943	.0032479	.007727	.0071753	.0031906	.11697
%RSD	3.330633	11.64455	.5432643	21.15536	13.54364	.1232131
#1	.1247020	.0243782	1.418402	.0422013	.0235160	94.91463
#2	.1258388	.0307840	1.417332	.0298842	.0267688	95.06187
#3	.1182475	.0285143	1.431219	.0296654	.0203881	94.83080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.931320**	**.0144296**	**.0101184**	**277.9015**	**.1533782**	**.1287007**
Stddev	.004396	.0000429	.0001634	.7432	.0038416	.0008076
%RSD	.2276392	.2971871	1.614472	.2674265	2.504685	.6275262
#1	1.933159	.0144046	.0101174	277.8620	.1552493	.1278046
#2	1.934498	.0144051	.0099555	277.1788	.1559258	.1293723
#3	1.926302	.0144792	.0102822	278.6636	.1489595	.1289253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.577661**	**174.0677**	**10.17936**	**82.18575**	**.2182752**	**-.009143**
Stddev	.021815	.3620	.03190	.33353	.0017001	.000739
%RSD	1.382713	.2079412	.3133577	.4058197	.7788743	8.084474
#1	1.602769	174.3368	10.20906	82.55574	.2174005	-.008964
#2	1.566852	174.2101	10.18337	82.09336	.2171905	-.009955
#3	1.563361	173.6562	10.14564	81.90817	.2202345	-.008510

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7201231**	**.2012830**	**4.347097**	**12.19097**	F **16.53562**	**.0139819**
Stddev	.1134782	.0032064	.111379	.07443	.05126	.0005627
%RSD	15.75816	1.592967	2.562155	.6105320	.3099820	4.024712
#1	.8396762	.2007813	4.426448	12.25403	16.48295	.0135277
#2	.7067964	.1983571	4.395073	12.21002	16.53855	.0146114
#3	.6138967	.2047107	4.219769	12.10887	16.58534	.0138066

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/15/2024 19:06:33 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	.0044168	3.970727	9.365105	.1035796	.9897947	.2514076
Stddev	.0003085	.022567	.024510	.0012311	.0049457	.0010243
%RSD	6.984759	.5683359	.2617204	1.188578	.4996671	.4074194
#1	.0045677	3.947375	9.357031	.1048205	.9934587	.2519435
#2	.0046209	3.972387	9.392634	.1023585	.9917563	.2520528
#3	.0040619	3.992418	9.345651	.1035599	.9841692	.2502265

Elem	Li6707
Units	ppm
Avg	.1658521
Stddev	.0021413
%RSD	1.291098
#1	.1682286
#2	.1652550
#3	.1640728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.347	33274.35	3141.308	2305.247	2850.948
Stddev	6.023	677.48	5.112	48.079	12.984
%RSD	.2211713	2.036031	.1627311	2.085653	.4554271
#1	2725.023	32932.67	3138.980	2274.570	2859.295
#2	2728.354	32835.75	3147.169	2280.513	2857.560
#3	2716.663	34054.63	3137.773	2360.659	2835.989

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-01DLX2 Acquired: 12/15/2024 19:10:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371012	.0907126	.2096007	.0702438	.1818476	72.32734
Stddev	.0034052	.0073368	.0026777	.0059257	.0033444	.23046
%RSD	9.178168	8.087944	1.277509	8.435837	1.839127	.3186290
#1	.0408621	.0857018	.2076483	.0768723	.1780076	72.30071
#2	.0342272	.0873021	.2126532	.0654597	.1841219	72.56995
#3	.0362143	.0991339	.2085005	.0683994	.1834135	72.11136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4822183	.0055355	.0075676	F 1127.289	5.964658	.0881320
Stddev	.0019354	.0000839	.0001341	3.284	.004514	.0002262
%RSD	.4013473	1.515905	1.772064	.2913450	.0756819	.2566978
#1	.4818339	.0055291	.0076217	1128.137	5.965876	.0883755
#2	.4843170	.0056224	.0074149	1130.065	5.968438	.0880923
#3	.4805040	.0054550	.0076661	1123.663	5.959659	.0879283

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039846	750.5274	F 121.8084	200.2915	.2051224	-.042445
Stddev	.004996	3.3515	.4640	.9858	.0009098	.001253
%RSD	12.53949	.4465522	.3809061	.4922060	.4435606	2.951879
#1	-.036791	748.1990	121.4389	199.6591	.2045939	-.043705
#2	-.045612	754.3686	122.3291	201.4275	.2046004	-.041199
#3	-.037135	749.0146	121.6571	199.7881	.2061730	-.042432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257505	2.480733	.2469434	1.216413	F 13.91096	.1199205
Stddev	.371280	.012078	.0144875	.133346	.04812	.0091358
%RSD	16.44648	.4868677	5.866715	10.96222	.3458876	7.618225
#1	2.509077	2.492956	.2312638	1.079136	13.89009	.1097871
#2	2.432357	2.468806	.2497336	1.224658	13.87681	.1224478
#3	1.831082	2.480436	.2598328	1.345445	13.96599	.1275267

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-01DLX2 Acquired: 12/15/2024 19:10:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156429	29.38566	5.818286	.0947211	11.37351	.5282161
Stddev	.0006151	.08371	.051779	.0011118	.05823	.0014280
%RSD	3.931980	.2848773	.8899312	1.173724	.5119675	.2703486
#1	.0156149	29.36397	5.818652	.0955100	11.30844	.5266634
#2	.0162715	29.31492	5.869880	.0952037	11.42071	.5294732
#3	.0150423	29.47808	5.766325	.0934496	11.39137	.5285116

Elem	Li6707
Units	ppm
Avg	.1284287
Stddev	.0018315
%RSD	1.426100
#1	.1271669
#2	.1305294
#3	.1275899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.931	26490.67	2595.708	1804.954	2641.177
Stddev	5.149	23.78	9.411	3.067	7.053
%RSD	.2434805	.0897490	.3625595	.1699308	.2670472
#1	2118.157	26473.44	2593.289	1801.419	2641.036
#2	2117.643	26517.79	2587.742	1806.535	2648.300
#3	2108.992	26480.77	2606.092	1806.909	2634.196

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-02DLX2 Acquired: 12/15/2024 19:14:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0410587**	**.0840360**	**.2939146**	**.0516553**	**.1877096**	**72.82333**
Stddev	.0013959	.0049765	.0036240	.0055306	.0018430	.43948
%RSD	3.399771	5.921825	1.232999	10.70681	.9818602	.6034922
#1	.0414392	.0862859	.2979865	.0532229	.1895447	73.33017
#2	.0422248	.0783319	.2910432	.0455100	.1858587	72.54785
#3	.0395119	.0874903	.2927142	.0562328	.1877254	72.59199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6956292**	**.0107868**	**.0089529**	F **1043.632**	**6.270912**	**.0901542**
Stddev	.0040880	.0001734	.0002486	4.525	.016801	.0009170
%RSD	.5876651	1.607551	2.776341	.4335772	.2679205	1.017120
#1	.6999380	.0109747	.0088423	1048.793	6.252854	.0911046
#2	.6918053	.0106330	.0092376	1041.760	6.286082	.0892748
#3	.6951445	.0107526	.0087788	1040.344	6.273801	.0900830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0129507**	**744.3764**	F **93.31770**	**188.6808**	**.5564657**	**-.047367**
Stddev	.0019104	5.2757	.65450	1.0366	.0003452	.000739
%RSD	14.75141	.7087356	.7013622	.5493844	.0620254	1.560792
#1	.0113595	750.2260	94.04703	189.8733	.5560688	-.047535
#2	.0150695	739.9788	92.78149	187.9955	.5566950	-.046558
#3	.0124231	742.9245	93.12460	188.1735	.5566334	-.048008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.968108**	**.9591334**	**.2107943**	**2.773378**	**8.445073**	**.3480306**
Stddev	.456042	.0141296	.0036932	.151986	.025440	.0028635
%RSD	15.36474	1.473162	1.752019	5.480165	.3012400	.8227646
#1	2.460178	.9663776	.2130009	2.815408	8.417087	.3509632
#2	3.101742	.9428509	.2065307	2.899926	8.451333	.3478870
#3	3.342403	.9681717	.2128513	2.604800	8.466798	.3452416

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-02DLX2 Acquired: 12/15/2024 19:14:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305275	42.56692	5.124770	.0845466	7.773347	.0449362
Stddev	.0006328	.09610	.037011	.0002169	.069423	.0005844
%RSD	2.072826	.2257616	.7221998	.2565929	.8930921	1.300589
#1	.0311137	42.53842	5.154714	.0847571	7.853509	.0453348
#2	.0298567	42.48829	5.083391	.0845591	7.733626	.0442653
#3	.0306122	42.67405	5.136205	.0843237	7.732906	.0452085

Elem	Li6707
Units	ppm
Avg	.1382725
Stddev	.0020132
%RSD	1.455938
#1	.1375289
#2	.1367369
#3	.1405517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.354	27070.07	2648.455	1845.385	2656.987
Stddev	1.447	162.46	25.423	15.695	1.398
%RSD	.0673651	.6001452	.9599281	.8505144	.0526175
#1	2148.396	26986.94	2621.593	1835.278	2655.933
#2	2146.887	26965.99	2672.142	1837.410	2656.455
#3	2149.780	27257.27	2651.629	1863.467	2658.573

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-03DLX2 Acquired: 12/15/2024 19:17:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0243544**	**.0444499**	**.1309664**	**-.006483**	**.0414518**	**43.03429**	**.4613443**
Stddev	.0043578	.0045160	.0016823	.005551	.0012793	.28562	.0027433
%RSD	17.89352	10.15987	1.284562	85.63153	3.086253	.6636931	.5946361
#1	.0293320	.0414319	.1299430	-.000185	.0404204	42.77059	.4584996
#2	.0225042	.0496418	.1329080	-.010666	.0428834	42.99462	.4615599
#3	.0212268	.0422761	.1300480	-.008597	.0410516	43.33767	.4639735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046417**	**.0029277**	**519.9265**	**1.160363**	**.0693649**	**.0454895**	**233.0073**
Stddev	.0001006	.0001595	3.2952	.003262	.0005576	.0038089	1.2943
%RSD	2.168020	5.447948	.6337728	.2811374	.8039183	8.373221	.5554941
#1	.0045348	.0027998	516.4146	1.158102	.0698189	.0494322	231.6970
#2	.0046557	.0031064	520.4144	1.164103	.0687425	.0418302	233.0399
#3	.0047346	.0028768	522.9504	1.158884	.0695334	.0452060	234.2851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.60236**	**102.2063**	**.1234077**	**-.012824**	**1.331236**	**.3775655**	**.1801232**
Stddev	.17236	.7596	.0009163	.000724	.593060	.0129954	.0070538
%RSD	.6244512	.7432485	.7425026	5.643656	44.54961	3.441896	3.916073
#1	27.43833	101.4220	.1232748	-.013634	1.987173	.3737137	.1867877
#2	27.58675	102.2583	.1225651	-.012240	.832884	.3920514	.1727359
#3	27.78200	102.9386	.1243832	-.012599	1.173650	.3669314	.1808459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.533116**	**3.144882**	**.1467260**	**.0126694**	**14.01009**	**7.997074**	**.0284796**
Stddev	.135280	.025616	.0027876	.0009698	.08779	.018542	.0011567
%RSD	5.340456	.8145362	1.899879	7.654290	.6265966	.2318636	4.061488
#1	2.530134	3.123080	.1462084	.0115685	13.97265	8.013332	.0275190
#2	2.399351	3.138471	.1442335	.0130425	13.94722	8.001011	.0297636
#3	2.669862	3.173094	.1497361	.0133971	14.11039	7.976879	.0281564

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-03DLX2 Acquired: 12/15/2024 19:17:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.503801	.4696285	.0898979
Stddev	.013285	.0037585	.0036055
%RSD	.5306130	.8003234	4.010718
#1	2.489530	.4661491	.0881728
#2	2.506064	.4691217	.0940420
#3	2.515810	.4736148	.0874791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.212	27767.04	2641.550	1923.935	2821.945
Stddev	15.861	49.84	10.157	8.256	22.956
%RSD	.6995816	.1794874	.3845204	.4291160	.8134896
#1	2277.183	27810.07	2635.484	1932.954	2838.166
#2	2275.531	27712.43	2653.277	1916.750	2831.990
#3	2248.922	27778.62	2635.891	1922.103	2795.678

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV030 Acquired: 12/15/2024 19:21:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.816856**	**4.854990**	**23.80364**	**4.595654**	**4.632597**	**390.6082**	**9.816482**
Stddev	.009982	.011785	.05037	.009603	.005861	1.4290	.019846
%RSD	.2072397	.2427298	.2116195	.2089505	.1265186	.3658376	.2021748
#1	4.815840	4.841718	23.75317	4.595120	4.628340	390.1492	9.810479
#2	4.827308	4.864228	23.85391	4.605513	4.639282	392.2103	9.838636
#3	4.807421	4.859024	23.80383	4.586330	4.630169	389.4651	9.800329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4775143**	**2.381883**	**398.9024**	**14.75127**	**2.351727**	**14.76399**	**401.8717**
Stddev	.0009793	.003056	1.5672	.02564	.004120	.00380	1.2460
%RSD	.2050783	.1283027	.3928744	.1738060	.1752110	.0257089	.3100598
#1	.4768134	2.380570	398.5496	14.77823	2.349904	14.76800	402.4024
#2	.4770963	2.385376	400.6159	14.72719	2.356445	14.76350	402.7646
#3	.4786332	2.379703	397.5416	14.74839	2.348833	14.76046	400.4482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.56949**	**388.7432**	**2.394430**	**1.210153**	**395.9310**	**2.432054**	**14.70531**
Stddev	.03613	.9578	.003672	.001052	.9755	.044005	.06457
%RSD	.2480041	.2463768	.1533377	.0869308	.2463733	1.809386	.4391183
#1	14.54312	388.6405	2.392891	1.210397	396.7256	2.395929	14.73503
#2	14.61068	389.7482	2.398621	1.211061	396.2252	2.481063	14.74968
#3	14.55469	387.8409	2.391779	1.209000	394.8423	2.419170	14.63123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**145.1337**	**4.773080**	**4.649665**	**4.623996**	**4.788151**	**4.869521**	**4.825180**
Stddev	.5390	.007233	.007696	.006296	.009707	.009777	.011610
%RSD	.3713649	.1515316	.1655228	.1361495	.2027371	.2007802	.2406059
#1	145.6299	4.769261	4.643526	4.620797	4.794814	4.859495	4.812368
#2	145.2111	4.781422	4.647170	4.631249	4.792626	4.870038	4.835004
#3	144.5603	4.768558	4.658300	4.619943	4.777014	4.879029	4.828167

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV030 Acquired: 12/15/2024 19:21:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.898991	4.624726	5.086026
Stddev	.002274	.012361	.014458
%RSD	.0464244	.2672874	.2842773
#1	4.901200	4.624552	5.102608
#2	4.899116	4.637172	5.079413
#3	4.896657	4.612452	5.076056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.275	25228.52	2503.901	1680.263	2565.632
Stddev	2.325	111.89	1.745	4.616	3.872
%RSD	.1204005	.4435021	.0696873	.2746918	.1509314
#1	1933.950	25136.71	2504.304	1676.143	2570.045
#2	1929.732	25195.70	2501.990	1679.394	2562.798
#3	1930.144	25353.14	2505.409	1685.251	2564.055

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB030 Acquired: 12/15/2024 19:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028257**	**.0023657**	**.0020192**	**.0009179**	**-.003020**	**-.018354**	**.0006783**
Stddev	.0029190	.0005613	.0020827	.0049861	.001214	.019724	.0007978
%RSD	103.3003	23.72574	103.1425	543.2018	40.20021	107.4638	117.6198
#1	-.000544	.0021554	.0008319	.0047486	-.004230	-.005341	.0002466
#2	.004439	.0019399	.0044240	.0027248	-.003028	-.041049	.0015990
#3	.004582	.0030018	.0008017	-.004720	-.001802	-.008674	.0001894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000510**	**.0000025**	**-.012278**	**-.000423**	**-.000053**	**-.006159**	**.0037707**
Stddev	.0000662	.0000487	.049592	.000187	.000361	.003769	.0291453
%RSD	129.9295	1966.744	403.9019	44.20485	687.6396	61.19900	772.9424
#1	.0001128	-.000023	-.016605	-.000615	.000180	-.003320	.0347205
#2	-.000019	.000059	-.059565	-.000242	-.000469	-.010435	-.000257
#3	.000059	-.000028	.039335	-.000411	.000132	-.004722	-.023151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002326**	**.0941412**	**.0006862**	**.0003470**	**-.796150**	**-.001377**	**-.007217**
Stddev	.0007080	.0526708	.0002380	.0004677	.575484	.005801	.003420
%RSD	304.3588	55.94873	34.67813	134.7828	72.28342	421.2241	47.38887
#1	.0004556	.1526757	.0009587	.0006243	-1.05587	-.005790	-.005599
#2	-.000560	.0505736	.0005195	.0006096	-1.19600	-.003536	-.004906
#3	.000802	.0791744	.0005803	-.000193	-.13658	.005194	-.011146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5455238**	**-.001515**	**.0085667**	**.0005124**	**-.002088**	**.0024138**	**-.000798**
Stddev	.1530768	.001243	.0023839	.0002039	.001973	.0001323	.000484
%RSD	28.06051	82.06938	27.82805	39.78949	94.47836	5.480770	60.57093
#1	.4204925	-.001792	.0104100	.0007451	-.000793	.0023627	-.001185
#2	.7162424	-.000156	.0094155	.0004271	-.004359	.0023147	-.000954
#3	.4998365	-.002595	.0058745	.0003650	-.001112	.0025641	-.000256

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB030 Acquired: 12/15/2024 19:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000934	.0001392	.0033009
Stddev	.002526	.0001510	.0023474
%RSD	270.3561	108.4551	71.11416
#1	-.001183	.0000097	.0035796
#2	.001707	.0003050	.0008266
#3	-.003327	.0001029	.0054965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.724	28089.03	2554.109	1957.126	3246.956
Stddev	5.814	154.00	21.270	7.083	4.391
%RSD	.2511925	.5482398	.8327905	.3618916	.1352304
#1	2319.885	27934.98	2533.120	1953.565	3251.898
#2	2315.863	28089.12	2553.557	1952.529	3243.503
#3	2308.425	28242.97	2575.650	1965.282	3245.467

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-04DLX2 Acquired: 12/15/2024 19:29:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225009	.0330815	.0482060	-.044346	-.008546	20.27046	.5947114
Stddev	.0036071	.0012597	.0016882	.002062	.005738	.04677	.0019856
%RSD	16.03092	3.807895	3.501943	4.650459	67.14434	.2307365	.3338800
#1	.0261373	.0344884	.0497935	-.046706	-.002163	20.28366	.5947816
#2	.0189238	.0326979	.0483919	-.043442	-.013276	20.21851	.5926917
#3	.0224417	.0320582	.0464326	-.042890	-.010197	20.30921	.5966611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018890	.0017340	683.8794	.0394396	.0668442	.0496537	55.39091
Stddev	.0000307	.0001017	2.0796	.0014241	.0003428	.0027498	.24108
%RSD	1.622840	5.862544	.3040934	3.610810	.5128141	5.537971	.4352428
#1	.0019244	.0016170	682.7597	.0404359	.0671549	.0469872	55.23607
#2	.0018710	.0017843	682.5995	.0400744	.0669014	.0494940	55.26798
#3	.0018716	.0018007	686.2790	.0378085	.0664765	.0524798	55.66868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280971	247.7486	.0846483	-.003456	.1515126	.0725664	.1315626
Stddev	.002447	1.1819	.0002621	.000190	.5601065	.0066794	.0068255
%RSD	.1910031	.4770550	.3095896	5.484109	369.6765	9.204585	5.188008
#1	1.282886	247.6585	.0843666	-.003371	-.065031	.0648540	.1277832
#2	1.281812	246.6143	.0848849	-.003324	.787564	.0763550	.1274628
#3	1.278214	248.9730	.0846932	-.003673	-.267995	.0764901	.1394418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.581243	1.147160	.0143971	.0191656	18.14549	4.439462	.0090490
Stddev	.039798	.006789	.0026561	.0001677	.04284	.010949	.0010669
%RSD	1.541806	.5918442	18.44889	.8752158	.2360990	.2466258	11.79018
#1	2.560539	1.141417	.0161982	.0191204	18.18967	4.450694	.0102028
#2	2.556065	1.145409	.0113467	.0190251	18.10413	4.438872	.0088460
#3	2.627125	1.154653	.0156465	.0193513	18.14266	4.428820	.0080981

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-04DLX2 Acquired: 12/15/2024 19:29:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5859452	7.379751	.0907292
Stddev	.0054416	.011314	.0062535
%RSD	.9286860	.1533168	6.892450
#1	.5819959	7.375378	.0835180
#2	.5836874	7.371276	.0940119
#3	.5921523	7.392600	.0946578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.908	26690.70	2553.874	1841.029	2704.340
Stddev	7.237	141.69	13.690	21.472	9.444
%RSD	.3313958	.5308561	.5360514	1.166327	.3492175
#1	2190.778	26751.58	2554.326	1858.471	2711.737
#2	2184.594	26791.79	2567.333	1847.568	2707.579
#3	2176.353	26528.75	2539.964	1817.047	2693.702

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-05DLX2 Acquired: 12/15/2024 19:33:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019281	.0384417	.0623671	-.057141	-.010986	4.336867
Stddev	.0041382	.0018047	.0038488	.003007	.004848	.009118
%RSD	214.6279	4.694722	6.171118	5.263041	44.12634	.2102523
#1	.0034507	.0404233	.0651800	-.056662	-.012239	4.345132
#2	.0050893	.0368924	.0579809	-.054402	-.005635	4.327085
#3	-.002756	.0380093	.0639403	-.060359	-.015085	4.338382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7878888	.0007370	.0006249	F 892.2093	.0270615	.0536786
Stddev	.0025288	.0001494	.0000925	1.5300	.0009976	.0007273
%RSD	.3209565	20.27560	14.79686	.1714802	3.686357	1.354833
#1	.7859379	.0005981	.0006896	893.5473	.0266944	.0538947
#2	.7869828	.0007178	.0005190	890.5413	.0281907	.0528678
#3	.7907458	.0008951	.0006660	892.5393	.0262995	.0542733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203350	21.11593	.5364214	485.2023	.0415299	-.000016
Stddev	.0084707	.04186	.0019466	.6808	.0003940	.000893
%RSD	41.65580	.1982304	.3628787	.1403200	.9487786	5439.330
#1	.0163148	21.12528	.5373281	485.2621	.0419271	.000999
#2	.0146229	21.07019	.5341869	484.4936	.0415233	-.000677
#3	.0300673	21.15233	.5377492	485.8514	.0411391	-.000371

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1682391	.0299990	.0286844	.1104929	.4836608	.0470674
Stddev	.4335271	.0178867	.0020874	.0448762	.0045761	.0021679
%RSD	257.6852	59.62415	7.277171	40.61457	.9461374	4.605908
#1	.0859061	.0441151	.0283970	.1329573	.4884952	.0467182
#2	.6370289	.0098840	.0267555	.1397006	.4793964	.0493887
#3	-.218218	.0359979	.0309006	.0588208	.4830906	.0450953

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-05DLX2 Acquired: 12/15/2024 19:33:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030509	10.21868	1.930876	.0075045	.0547926	20.80809
Stddev	.0003046	.01532	.008475	.0025022	.0040742	.29034
%RSD	9.982905	.1499594	.4389006	33.34291	7.435749	1.395307
#1	.0028025	10.22937	1.931459	.0100959	.0529846	20.63502
#2	.0033907	10.20112	1.939045	.0073152	.0519352	21.14329
#3	.0029594	10.22555	1.922126	.0051023	.0594580	20.64598

Elem	Li6707
Units	ppm
Avg	.0850509
Stddev	.0068642
%RSD	8.070704
#1	.0842423
#2	.0786268
#3	.0922836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.931	25643.62	2474.939	1746.195	2589.347
Stddev	7.764	41.16	10.839	5.788	8.048
%RSD	.3704240	.1605221	.4379438	.3314493	.3108161
#1	2098.296	25627.54	2481.020	1740.749	2589.831
#2	2102.237	25690.40	2462.425	1752.273	2597.141
#3	2087.260	25612.93	2481.372	1745.563	2581.067

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-08DLX2 Acquired: 12/15/2024 19:37:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299452	.0293908	.0528877	-.039707	-.005042	23.96299	.6853305
Stddev	.0051979	.0047853	.0006342	.005639	.001771	.28527	.0088454
%RSD	17.35818	16.28161	1.199082	14.20184	35.12293	1.190465	1.290677
#1	.0306952	.0248438	.0528508	-.037631	-.003208	24.16850	.6899792
#2	.0347274	.0343832	.0535395	-.035401	-.006742	24.08319	.6908824
#3	.0244130	.0289453	.0522728	-.046090	-.005176	23.63729	.6751301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023067	.0019527	658.1787	.0490229	.0723837	.0575884	67.98669
Stddev	.0001833	.0001346	7.1178	.0001440	.0002901	.0121003	.83936
%RSD	7.945380	6.894756	1.081441	.2936671	.4007301	21.01180	1.234600
#1	.0021040	.0018338	662.2447	.0489630	.0722209	.0623831	68.64503
#2	.0023554	.0019254	662.3315	.0491871	.0727186	.0665566	68.27354
#3	.0024607	.0020989	649.9599	.0489185	.0722117	.0438254	67.04151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.515712	253.1386	.0984697	-.004133	.1478512	.0810084	.1590022
Stddev	.017083	2.8147	.0007378	.000801	.0267482	.0171960	.0021279
%RSD	1.127045	1.111920	.7493189	19.37321	18.09127	21.22744	1.338302
#1	1.525265	255.1374	.0976182	-.003436	.1545467	.1001586	.1591663
#2	1.525883	254.3587	.0988695	-.005008	.1706156	.0759780	.1610433
#3	1.495990	249.9197	.0989214	-.003955	.1183914	.0668886	.1567969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.107571	1.396915	.0146946	.0184285	15.87106	4.578217	.0104328
Stddev	.183042	.004519	.0027227	.0004733	.06295	.033230	.0016009
%RSD	5.890198	.3235163	18.52856	2.568532	.3966109	.7258189	15.34460
#1	3.060406	1.394253	.0171921	.0179105	15.86795	4.603172	.0096750
#2	3.309580	1.394359	.0150995	.0185363	15.80973	4.590981	.0122718
#3	2.952727	1.402133	.0117921	.0188386	15.93550	4.540498	.0093515

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-08DLX2 Acquired: 12/15/2024 19:37:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6073412	1.066819	.1132072
Stddev	.0066017	.012535	.0114527
%RSD	1.086989	1.175020	10.11660
#1	.6115280	1.075547	.1150860
#2	.6107646	1.072456	.1236044
#3	.5997309	1.052455	.1009313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.866	27041.29	2598.402	1866.150	2712.293
Stddev	9.335	150.71	28.951	9.186	8.399
%RSD	.4208930	.5573354	1.114193	.4922480	.3096558
#1	2227.015	26996.60	2573.265	1863.408	2720.294
#2	2218.229	26917.99	2591.886	1858.648	2713.037
#3	2208.356	27209.30	2630.056	1876.395	2703.546

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-12DLX2 Acquired: 12/15/2024 19:41:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0485704**	**.0248790**	**.0700912**	**-.044073**	**.0044623**	**31.19122**	**.1494366**
Stddev	.0035814	.0017713	.0031593	.012829	.0010716	.26588	.0015126
%RSD	7.373706	7.119643	4.507431	29.10776	24.01334	.8524222	1.012231
#1	.0511560	.0261933	.0708756	-.055899	.0037700	31.04393	.1481566
#2	.0444825	.0228647	.0727844	-.045885	.0039204	31.49815	.1511059
#3	.0500726	.0255791	.0666136	-.030435	.0056966	31.03159	.1490475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033849**	**.0027812**	**593.0689**	**.0633372**	**.0855694**	**.0641416**	**106.7363**
Stddev	.0002468	.0000165	4.2914	.0004527	.0002925	.0059986	.9108
%RSD	7.291796	.5918056	.7235899	.7147561	.3418004	9.352048	.8533255
#1	.0035892	.0027987	591.2560	.0628845	.0853424	.0601567	106.2115
#2	.0034550	.0027788	597.9692	.0637899	.0858994	.0612277	107.7880
#3	.0031107	.0027660	589.9815	.0633373	.0854662	.0710405	106.2095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.124847**	**90.14924**	**.1399980**	**-.007828**	**-.031967**	**.0990801**	**.2091751**
Stddev	.020921	.54765	.0012077	.000903	.552989	.0045420	.0136238
%RSD	.9845820	.6074964	.8626445	11.53988	1729.897	4.584185	6.513092
#1	2.114900	89.70890	.1393135	-.006821	-.670422	.1038473	.2128700
#2	2.148886	90.76247	.1413924	-.008568	.296053	.0985900	.2205703
#3	2.110756	89.97635	.1392880	-.008095	.278470	.0948030	.1940850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.204630**	**2.365600**	**.0018970**	**.0307044**	**13.98408**	**5.199362**	**.0123661**
Stddev	.208089	.006082	.0004346	.0001135	.02946	.014897	.0014174
%RSD	4.949037	.2571052	22.91157	.3697602	.2106368	.2865072	11.46216
#1	4.101088	2.359196	.0021513	.0308067	13.95141	5.185123	.0138833
#2	4.444178	2.371299	.0013951	.0307241	13.99219	5.214839	.0110759
#3	4.068625	2.366305	.0021446	.0305823	14.00862	5.198125	.0121392

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-12DLX2 Acquired: 12/15/2024 19:41:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4810422	.8829590	.1111117
Stddev	.0062689	.0077789	.0042875
%RSD	1.303190	.8810004	3.858711
#1	.4867417	.8784205	.1063746
#2	.4743278	.8919411	.1122345
#3	.4820571	.8785155	.1147262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.115	27777.66	2664.397	1919.492	2794.517
Stddev	12.029	105.01	12.794	8.048	10.762
%RSD	.5261648	.3780345	.4801790	.4192923	.3851003
#1	2291.904	27882.14	2675.551	1924.786	2796.564
#2	2272.286	27672.12	2650.431	1910.230	2782.878
#3	2294.153	27778.72	2667.209	1923.460	2804.108

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-18DLX2 Acquired: 12/15/2024 19:44:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268333	.0276953	.0565578	-.038652	.0017721	24.18778	.5152988
Stddev	.0054320	.0021170	.0016470	.004442	.0008132	.09217	.0016545
%RSD	20.24356	7.643773	2.912066	11.49306	45.89222	.3810517	.3210703
#1	.0271398	.0256696	.0555495	-.040306	.0017146	24.28498	.5171655
#2	.0321055	.0298931	.0556655	-.042030	.0009891	24.17670	.5140136
#3	.0212545	.0275231	.0584584	-.033620	.0026125	24.10165	.5147173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024158	.0020642	577.5329	.0567330	.0724322	.0721719	70.57066
Stddev	.0000884	.0000877	2.0487	.0004132	.0002843	.0060528	.13751
%RSD	3.659696	4.249036	.3547326	.7284198	.3925404	8.386588	.1948520
#1	.0024583	.0020256	579.7981	.0562840	.0723516	.0757675	70.69522
#2	.0024750	.0020025	575.8097	.0568174	.0721969	.0755644	70.59366
#3	.0023142	.0021646	576.9909	.0570975	.0727481	.0651837	70.42311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583984	181.3733	.1012109	-.004471	.4164051	.0809262	.1768633
Stddev	.006301	.5986	.0002658	.000526	.0428077	.0003369	.0031326
%RSD	.3978052	.3300539	.2626167	11.76480	10.28031	.4162886	1.771204
#1	1.585108	181.9769	.1009061	-.004703	.3745068	.0806629	.1740969
#2	1.589647	180.7798	.1013944	-.003869	.4600677	.0808098	.1762282
#3	1.577196	181.3632	.1013323	-.004840	.4146407	.0813058	.1802648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.351439	1.621239	.0059581	.0188250	17.18621	4.913556	.0109905
Stddev	.095223	.003552	.0026029	.0005342	.03428	.034659	.0009078
%RSD	2.841269	.2190967	43.68720	2.837669	.1994344	.7053825	8.260327
#1	3.417152	1.619423	.0030982	.0187084	17.14812	4.952514	.0108800
#2	3.394930	1.618962	.0081888	.0183588	17.19592	4.902013	.0119485
#3	3.242236	1.625332	.0065872	.0194079	17.21457	4.886140	.0101430

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-18DLX2 Acquired: 12/15/2024 19:44:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6464127	1.562166	.0927826
Stddev	.0015735	.004153	.0050702
%RSD	.2434136	.2658197	5.464625
#1	.6446807	1.565849	.0968652
#2	.6468035	1.562984	.0871072
#3	.6477540	1.557665	.0943753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.510	27224.31	2617.518	1886.722	2761.412
Stddev	12.403	38.05	20.737	2.292	11.460
%RSD	.5547951	.1397555	.7922249	.1214973	.4149989
#1	2230.567	27181.69	2593.579	1885.171	2756.425
#2	2249.622	27236.42	2629.050	1889.355	2774.521
#3	2226.341	27254.83	2629.926	1885.639	2753.291

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-02DLX2 Acquired: 12/15/2024 19:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0224789**	**.0357064**	**.5742739**	**-.049763**	**-.009535**	**13.63263**	**.2572250**
Stddev	.0016271	.0017092	.0020541	.005721	.000797	.09084	.0014559
%RSD	7.238136	4.786679	.3576915	11.49648	8.362504	.6663068	.5659966
#1	.0230265	.0353557	.5764586	-.048620	-.008712	13.53817	.2555993
#2	.0237616	.0375637	.5739813	-.055969	-.009589	13.64039	.2576673
#3	.0206487	.0341998	.5723817	-.044699	-.010304	13.71934	.2584086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016025**	**.0066296**	**793.9560**	**.0374402**	**.0656577**	**.0805836**	**65.45184**
Stddev	.0001213	.0001134	2.9129	.0003266	.0004030	.0022143	.16417
%RSD	7.570798	1.710817	.3668878	.8722172	.6137516	2.747875	.2508221
#1	.0016695	.0065176	790.9769	.0378071	.0654418	.0790857	65.33551
#2	.0016756	.0066268	794.0932	.0371815	.0661226	.0795380	65.38038
#3	.0014625	.0067444	796.7979	.0373320	.0654087	.0831272	65.63962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.736794**	**416.7508**	**.0556175**	**-.002090**	**-.252245**	**.0317654**	**1.237725**
Stddev	.024069	2.1697	.0006284	.001624	.355456	.0044981	.018911
%RSD	.3572817	.5206137	1.129934	77.71014	140.9173	14.16028	1.527892
#1	6.709054	414.5855	.0563268	-.000820	-.660521	.0332891	1.220099
#2	6.749185	416.7420	.0551303	-.001530	-.084597	.0353037	1.257702
#3	6.752143	418.9248	.0553953	-.003920	-.011615	.0267034	1.235375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.350557**	**2.814835**	**.0250186**	**.0011398**	**18.00668**	**4.975454**	**.0176322**
Stddev	.187909	.011281	.0022551	.0007376	.03359	.009721	.0025867
%RSD	4.319196	.4007743	9.013598	64.71697	.1865304	.1953793	14.67010
#1	4.139535	2.809072	.0249534	.0008775	18.01466	4.966366	.0200317
#2	4.499795	2.807600	.0227968	.0005691	17.96983	4.974291	.0179730
#3	4.412341	2.827834	.0273055	.0019727	18.03557	4.985704	.0148921

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-02DLX2 Acquired: 12/15/2024 19:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1876706	.2183614	.0755767
Stddev	.0068910	.0023085	.0021316
%RSD	3.671863	1.057203	2.820493
#1	.1842492	.2158710	.0768139
#2	.1831599	.2187833	.0768009
#3	.1956028	.2204298	.0731153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.217	26940.33	2620.990	1849.676	2611.020
Stddev	4.752	32.38	11.059	4.234	5.512
%RSD	.2165714	.1201802	.4219291	.2289249	.2110925
#1	2191.251	26943.41	2626.704	1851.769	2606.765
#2	2199.698	26906.52	2628.023	1844.803	2617.246
#3	2191.703	26971.05	2608.243	1852.457	2609.049

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-19DLX2 Acquired: 12/15/2024 19:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183615	.0321050	.4786630	-.043290	-.007565	20.69058	.2354646
Stddev	.0007987	.0025502	.0030985	.004667	.005460	.07215	.0010583
%RSD	4.349649	7.943348	.6473340	10.78053	72.16967	.3487025	.4494685
#1	.0179839	.0291731	.4759955	-.042174	-.013704	20.75819	.2343043
#2	.0178218	.0333325	.4779317	-.039281	-.003254	20.61462	.2363769
#3	.0192790	.0338093	.4820618	-.048413	-.005736	20.69895	.2357127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020602	.0028336	565.4569	.0377477	.0633825	.0924691	57.34177
Stddev	.0001251	.0000869	2.7609	.0003701	.0000645	.0081278	.12841
%RSD	6.074296	3.068531	.4882628	.9805500	.1017563	8.789784	.2239296
#1	.0022043	.0028379	568.6409	.0377661	.0634563	.0862596	57.48439
#2	.0019966	.0029182	563.7252	.0381084	.0633543	.0894792	57.30556
#3	.0019796	.0027445	564.0046	.0373688	.0633368	.1016684	57.23536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.073460	285.0491	.0569733	-.002729	.1666120	.0422983	.5781615
Stddev	.003549	.8599	.0005458	.001771	.5356661	.0119486	.0083920
%RSD	.0871220	.3016839	.9580628	64.89418	321.5051	28.24847	1.451501
#1	4.077554	285.9403	.0571318	-.002610	-.448302	.0560879	.5708292
#2	4.071571	284.2243	.0574224	-.004557	.531939	.0350094	.5873144
#3	4.071255	284.9826	.0563658	-.001021	.416199	.0357976	.5763410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.858869	2.172074	.0292819	-.000017	5.981291	5.486057	.0237293
Stddev	.084322	.006882	.0040930	.000219	.025796	.037943	.0015837
%RSD	2.185136	.3168377	13.97803	1293.013	.4312797	.6916207	6.674138
#1	3.827663	2.173716	.0246764	.000175	5.966643	5.528338	.0254227
#2	3.794599	2.164520	.0325040	.000029	5.966153	5.454973	.0234802
#3	3.954346	2.177987	.0306652	-.000255	6.011076	5.474860	.0222848

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-19DLX2 Acquired: 12/15/2024 19:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2946809	.2332942	.0750348
Stddev	.0053056	.0009026	.0011091
%RSD	1.800465	.3869036	1.478081
#1	.3007306	.2342690	.0762525
#2	.2908189	.2324874	.0740825
#3	.2924932	.2331263	.0747695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.276	27300.57	2621.836	1887.088	2706.293
Stddev	.519	64.94	14.877	10.343	1.703
%RSD	.0231690	.2378638	.5674188	.5480689	.0629217
#1	2241.004	27374.60	2604.957	1889.289	2705.417
#2	2241.874	27253.24	2627.509	1875.822	2705.207
#3	2240.948	27273.86	2633.041	1896.153	2708.256

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-21DLX2 Acquired: 12/15/2024 19:56:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217450	.0309324	.1727616	-.031678	.0000254	33.03633	.2957673
Stddev	.0051710	.0006320	.0032551	.002851	.0031091	.07612	.0007421
%RSD	23.78015	2.043033	1.884140	9.000955	12258.04	.2304147	.2509101
#1	.0267156	.0314930	.1692636	-.033876	.0035528	33.07192	.2966234
#2	.0163946	.0310568	.1733196	-.028456	-.001160	32.94894	.2953729
#3	.0221248	.0302475	.1757016	-.032702	-.002317	33.08815	.2953057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025619	.0031250	454.3990	.0485710	.0768133	.1114568	81.11236
Stddev	.0000500	.0000849	1.0743	.0009571	.0009157	.0019801	.22315
%RSD	1.950726	2.716557	.2364123	1.970483	1.192110	1.776541	.2751177
#1	.0025161	.0030481	453.9257	.0485807	.0758909	.1131897	80.97416
#2	.0025543	.0032161	453.6426	.0495232	.0777222	.1118820	80.99312
#3	.0026152	.0031109	455.6286	.0476091	.0768266	.1092986	81.36980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.511071	107.0465	.0841495	-.005225	.5665264	.0703776	.4662213
Stddev	.009339	.1207	.0013657	.000741	1.034860	.0092999	.0158683
%RSD	.1694509	.1127987	1.622929	14.18697	182.6675	13.21435	3.403607
#1	5.521115	107.1849	.0845765	-.004975	1.429947	.0685054	.4835673
#2	5.502651	106.9914	.0826213	-.006059	.850227	.0621561	.4524354
#3	5.509447	106.9631	.0852507	-.004641	-.580595	.0804712	.4626612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.890393	3.604217	-.005649	-.000300	1.466694	4.917284	.0172150
Stddev	.157742	.015301	.003089	.000355	.008414	.072242	.0007400
%RSD	4.054661	.4245244	54.69147	118.3199	.5736985	1.469145	4.298622
#1	4.021513	3.611592	-.002217	-.000587	1.464746	4.894206	.0180658
#2	3.934325	3.586625	-.008209	-.000410	1.459425	4.859400	.0167211
#3	3.715342	3.614433	-.006519	.000097	1.475912	4.998245	.0168582

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4940-21DLX2 Acquired: 12/15/2024 19:56:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5782960	.3326440	.0885081
Stddev	.0021741	.0012532	.0058107
%RSD	.3759443	.3767302	6.565113
#1	.5776942	.3339858	.0825425
#2	.5764861	.3324422	.0941503
#3	.5807075	.3315039	.0888315

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.807	28968.86	2770.799	2007.466	2805.059
Stddev	17.886	188.10	20.042	16.428	19.127
%RSD	.7525079	.6493187	.7233360	.8183316	.6818877
#1	2392.718	28815.02	2778.508	1994.341	2821.727
#2	2380.254	28912.99	2785.842	2002.168	2809.274
#3	2357.449	29178.57	2748.047	2025.889	2784.176

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4963-07DLX2 Acquired: 12/15/2024 20:00:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513252	.0319575	.2336006	-.026738	.0110236	37.54250	.3980675
Stddev	.0021281	.0016810	.0023495	.000540	.0018282	.36826	.0024917
%RSD	4.146387	5.259969	1.005795	2.020628	16.58414	.9809239	.6259475
#1	.0519980	.0320672	.2318525	-.026114	.0127425	37.87814	.4005509
#2	.0530356	.0335809	.2362715	-.027061	.0112255	37.14857	.3955675
#3	.0489420	.0302244	.2326779	-.027039	.0091029	37.60079	.3980840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032799	.0034061	560.0529	.0528774	.0821424	.3121882	138.9715
Stddev	.0000250	.0000477	5.0608	.0006080	.0008832	.0063591	.9407
%RSD	.7636647	1.401716	.9036326	1.149920	1.075171	2.036935	.6768917
#1	.0032984	.0034472	564.7516	.0532153	.0825362	.3051142	139.8405
#2	.0032900	.0033537	554.6946	.0521755	.0811308	.3174302	137.9726
#3	.0032514	.0034174	560.7125	.0532415	.0827601	.3140201	139.1014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.526436	55.96790	.0989465	-.008092	-.337298	.0901591	.4285133
Stddev	.066144	.24594	.0007065	.000469	.313057	.0032625	.0048738
%RSD	.7757522	.4394350	.7140186	5.799401	92.81329	3.618553	1.137380
#1	8.583072	56.21917	.0997361	-.008632	-.598379	.0939233	.4325569
#2	8.453741	55.72765	.0987293	-.007861	-.423281	.0884066	.4298813
#3	8.542496	55.95689	.0983741	-.007783	.009766	.0881475	.4231017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.108933	4.724418	-.030299	.0014457	.6918823	5.098780	.0177679
Stddev	.207118	.018599	.000391	.0001529	.0020509	.050309	.0015626
%RSD	5.040664	.3936732	1.289933	10.57354	.2964255	.9866818	8.794422
#1	4.059266	4.745873	-.030748	.0016150	.6922752	5.156818	.0159863
#2	3.931165	4.714504	-.030032	.0014044	.6937083	5.067584	.0184120
#3	4.336369	4.712876	-.030117	.0013177	.6896634	5.071940	.0189056

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4963-07DLX2 Acquired: 12/15/2024 20:00:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6501018	.3940108	.0963523
Stddev	.0024078	.0017256	.0104199
%RSD	.3703659	.4379515	10.81433
#1	.6524084	.3953888	.1079828
#2	.6502925	.3920754	.0878683
#3	.6476043	.3945681	.0932058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.128	29097.63	2756.902	2009.145	2812.439
Stddev	5.203	159.60	31.519	13.660	5.610
%RSD	.2183409	.5484900	1.143270	.6799062	.1994679
#1	2382.058	29095.55	2724.262	2001.549	2808.857
#2	2378.543	29258.26	2787.166	2024.915	2809.556
#3	2388.784	28939.09	2759.278	2000.972	2818.904

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-04DLX2 Acquired: 12/15/2024 20:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153767	.0399084	.5025751	-.045788	-.009279	12.93205	.2070223
Stddev	.0057509	.0027290	.0047310	.004860	.003483	.06911	.0009451
%RSD	37.40013	6.838095	.9413485	10.61328	37.53319	.5344055	.4565280
#1	.0218241	.0402165	.4972719	-.042665	-.005390	12.99181	.2073309
#2	.0107762	.0370385	.5063620	-.051387	-.010334	12.94798	.2077747
#3	.0135297	.0424703	.5040915	-.043312	-.012111	12.85637	.2059615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014662	.0046565	768.5710	.0379569	.0599403	.1074529	55.94768
Stddev	.0001112	.0001605	3.7227	.0006818	.0011153	.0073552	.35255
%RSD	7.587035	3.447083	.4843600	1.796287	1.860757	6.845099	.6301509
#1	.0013389	.0045077	770.9711	.0371924	.0597182	.1146615	56.24695
#2	.0015446	.0046351	770.4593	.0381765	.0589528	.1077379	56.03704
#3	.0015150	.0048266	764.2827	.0385019	.0611501	.0999592	55.55904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.246359	396.3340	.0643570	-.001039	-.021086	.0344326	.9339372
Stddev	.027439	2.0466	.0000748	.000969	.558943	.0025867	.0089279
%RSD	.5230123	.5163819	.1162924	93.25573	2650.830	7.512377	.9559468
#1	5.261074	396.5945	.0644173	-.001951	.293118	.0338521	.9263762
#2	5.263301	398.2379	.0643805	-.000022	-.666423	.0372602	.9437866
#3	5.214701	394.1696	.0642733	-.001145	.310048	.0321854	.9316489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.965219	2.441782	.0392318	.0010395	7.752916	4.794348	.0361161
Stddev	.169465	.018094	.0009996	.0005795	.036400	.035139	.0010893
%RSD	5.715086	.7410255	2.547911	55.74892	.4694960	.7329188	3.016011
#1	2.831940	2.451240	.0401507	.0016638	7.729545	4.820701	.0361648
#2	2.907778	2.420919	.0393773	.0009360	7.734347	4.807890	.0371802
#3	3.155938	2.453187	.0381674	.0005188	7.794855	4.754453	.0350033

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-04DLX2 Acquired: 12/15/2024 20:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2484698	.2617744	.0706404
Stddev	.0027274	.0010744	.0051769
%RSD	1.097662	.4104336	7.328602
#1	.2491091	.2621181	.0646628
#2	.2508208	.2626349	.0736749
#3	.2454796	.2605702	.0735835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.014	26679.25	2565.866	1822.837	2616.900
Stddev	7.256	136.27	19.917	10.378	12.815
%RSD	.3351698	.5107872	.7762282	.5693316	.4897134
#1	2170.958	26830.84	2546.129	1834.488	2626.486
#2	2167.156	26566.92	2565.511	1814.585	2621.869
#3	2156.927	26639.98	2585.958	1819.439	2602.344

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-05DLX2 Acquired: 12/15/2024 20:07:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0201356**	**.0427347**	**.4088491**	**-.045009**	**-.012754**	**10.20088**
Stddev	.0023045	.0020541	.0013096	.005160	.002739	.06762
%RSD	11.44486	4.806545	.3203200	11.46472	21.47725	.6629127
#1	.0207919	.0433794	.4089963	-.050610	-.015907	10.26287
#2	.0175741	.0404356	.4074720	-.043968	-.011403	10.21101
#3	.0220407	.0443890	.4100789	-.040448	-.010953	10.12877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1168002**	**.0013919**	**.0260024**	F **940.4342**	**.0286269**	**.0622751**
Stddev	.0005482	.0000638	.0000880	2.9563	.0014181	.0004833
%RSD	.4693111	4.587394	.3382764	.3143555	4.953659	.7760140
#1	.1171383	.0013186	.0260864	943.5013	.0271139	.0628206
#2	.1170945	.0014357	.0259109	940.1985	.0288411	.0621042
#3	.1161677	.0014213	.0260098	937.6028	.0299257	.0619006

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0619594**	**56.36200**	**5.866075**	**494.4810**	**.0570388**	**-.002101**
Stddev	.0109863	.29242	.018190	2.0171	.0011384	.000174
%RSD	17.73149	.5188236	.3100926	.4079244	1.995829	8.290800
#1	.0613311	56.15441	5.857022	495.8476	.0578008	-.001985
#2	.0732463	56.69642	5.887015	495.4310	.0575853	-.002301
#3	.0513007	56.23516	5.854188	492.1643	.0557302	-.002017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7973661**	**.0299612**	**4.667694**	**3.306847**	**1.531754**	**.0366315**
Stddev	.5285865	.0006449	.084457	.150718	.004484	.0003522
%RSD	66.29157	2.152386	1.809397	4.557764	.2927435	.9614275
#1	1.391799	.0297764	4.572004	3.163785	1.526870	.0368772
#2	.620112	.0306784	4.731835	3.464203	1.532708	.0362280
#3	.380187	.0294290	4.699244	3.292554	1.535685	.0367893

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-05DLX2 Acquired: 12/15/2024 20:07:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000226	12.70461	4.546496	.0216548	.1232983	.2797154
Stddev	.000157	.04716	.019860	.0007999	.0032277	.0014817
%RSD	69.52944	.3711896	.4368288	3.693990	2.617809	.5297048
#1	-.000363	12.74044	4.526996	.0207478	.1268698	.2801544
#2	-.000055	12.65118	4.566698	.0219570	.1224353	.2809280
#3	-.000260	12.72220	4.545794	.0222596	.1205898	.2780639

Elem	Li6707
Units	ppm
Avg	.0865648
Stddev	.0027751
%RSD	3.205766
#1	.0858050
#2	.0842488
#3	.0896406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.601	26473.98	2545.260	1810.960	2553.962
Stddev	6.107	478.31	16.333	37.834	8.648
%RSD	.2859635	1.806700	.6416973	2.089157	.3385952
#1	2128.563	26981.05	2541.482	1853.118	2544.266
#2	2139.506	26030.88	2531.147	1779.958	2560.878
#3	2138.734	26410.02	2563.151	1799.806	2556.742

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-06DLX2 Acquired: 12/15/2024 20:11:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0205878**	**.0387710**	**.3347556**	**-.058550**	**-.010668**	**8.894500**
Stddev	.0047189	.0004725	.0035648	.002628	.001943	.042868
%RSD	22.92088	1.218594	1.064890	4.488867	18.21662	.4819641
#1	.0201370	.0393151	.3356638	-.056616	-.010087	8.925971
#2	.0161105	.0384650	.3308246	-.057491	-.009082	8.845676
#3	.0255159	.0385327	.3377784	-.061542	-.012836	8.911853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1074904**	**.0012873**	**.0034731**	F **1085.835**	**.0284433**	**.0632100**
Stddev	.0007889	.0001253	.0001106	5.162	.0003172	.0008770
%RSD	.7339056	9.730967	3.184252	.4753758	1.115346	1.387456
#1	.1067064	.0011611	.0033499	1091.544	.0286022	.0641924
#2	.1082841	.0012892	.0035638	1081.497	.0280780	.0629319
#3	.1074805	.0014116	.0035057	1084.464	.0286496	.0625058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0369218**	**57.14517**	**6.027634**	**589.0823**	**.0462274**	**-.002671**
Stddev	.0067579	.36438	.029843	3.7937	.0004690	.001199
%RSD	18.30337	.6376385	.4951087	.6440030	1.014559	44.86913
#1	.0318045	57.56564	6.061142	593.3228	.0464282	-.002859
#2	.0343785	56.92148	6.003915	586.0101	.0465626	-.001390
#3	.0445823	56.94841	6.017844	587.9141	.0456914	-.003765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.110105**	**.0299801**	**.5754488**	**4.003403**	**1.062142**	**.0423650**
Stddev	.322805	.0122408	.0088201	.171481	.003459	.0022275
%RSD	293.1808	40.82979	1.532733	4.283391	.3256870	5.257923
#1	-.080653	.0425101	.5854656	3.807408	1.060632	.0398757
#2	-.446627	.0293798	.5720347	4.125799	1.059695	.0441703
#3	.196966	.0180505	.5688461	4.077004	1.066100	.0430489

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-06DLX2 Acquired: 12/15/2024 20:11:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ04 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000281	14.34477	4.498980	.0165135	.0775316	.3352562
Stddev	.000121	.00947	.057632	.0017892	.0011525	.0017964
%RSD	42.92005	.0659859	1.280998	10.83465	1.486476	.5358287
#1	-.000259	14.33497	4.539268	.0144958	.0771506	.3371308
#2	-.000411	14.35386	4.432965	.0179068	.0788264	.3335498
#3	-.000173	14.34548	4.524706	.0171380	.0766179	.3350879

Elem	Li6707
Units	ppm
Avg	.0890011
Stddev	.0032169
%RSD	3.614413
#1	.0923206
#2	.0887851
#3	.0858977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.077	26064.97	2569.044	1775.406	2534.256
Stddev	5.723	143.51	20.695	8.183	7.378
%RSD	.2688007	.5505808	.8055342	.4609342	.2911116
#1	2123.464	26078.96	2546.923	1779.676	2526.403
#2	2128.864	25914.98	2587.931	1765.971	2535.321
#3	2134.904	26200.97	2572.279	1780.571	2541.043

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-07DLX2 Acquired: 12/15/2024 20:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173265	.0353147	.2859464	-.041514	-.012500	14.79286	.1540496
Stddev	.0021743	.0030730	.0007500	.003547	.001067	.03936	.0009491
%RSD	12.54874	8.701823	.2622881	8.543153	8.535161	.2660825	.6161038
#1	.0196004	.0377825	.2854064	-.037789	-.013394	14.74747	.1529611
#2	.0152680	.0318726	.2868027	-.041903	-.011319	14.81759	.1544833
#3	.0171110	.0362888	.2856300	-.044851	-.012787	14.81353	.1547044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015253	.0034586	704.9436	.0270778	.0605807	.0511625	53.47552
Stddev	.0000405	.0002265	.6007	.0009052	.0012177	.0082588	.03234
%RSD	2.653509	6.549629	.0852059	3.342974	2.009964	16.14234	.0604732
#1	.0015208	.0033072	704.9659	.0280421	.0591857	.0442562	53.51012
#2	.0014873	.0037190	704.3322	.0262464	.0614306	.0489204	53.44607
#3	.0015679	.0033496	705.5328	.0269448	.0611258	.0603108	53.47036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.951565	372.8150	.0472412	-.002620	.4194837	.0287027	.6811752
Stddev	.008880	.7483	.0008422	.000170	.0951202	.0024182	.0035589
%RSD	.1793436	.2007104	1.782822	6.498728	22.67555	8.425050	.5224663
#1	4.941405	372.0391	.0463273	-.002513	.3820003	.0262434	.6771677
#2	4.957849	373.5322	.0479862	-.002531	.3488157	.0287869	.6823907
#3	4.955440	372.8738	.0474099	-.002817	.5276352	.0310776	.6839670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065751	1.503983	.0207189	-.000522	8.069266	5.005588	.0146236
Stddev	.168981	.004775	.0032378	.000361	.019024	.045777	.0008193
%RSD	5.511880	.3175067	15.62742	69.23947	.2357641	.9145188	5.602607
#1	2.870842	1.507387	.0173028	-.000522	8.047757	5.012041	.0145365
#2	3.171099	1.506039	.0237428	-.000884	8.083887	4.956927	.0154830
#3	3.155312	1.498525	.0211110	-.000161	8.076154	5.047797	.0138513

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-07DLX2 Acquired: 12/15/2024 20:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2507548	.2172195	.0711650
Stddev	.0053131	.0006948	.0020276
%RSD	2.118827	.3198657	2.849153
#1	.2446895	.2164620	.0721186
#2	.2545858	.2178271	.0725401
#3	.2529891	.2173695	.0688365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.083	27007.35	2620.922	1857.803	2660.177
Stddev	4.859	118.39	18.952	2.250	5.338
%RSD	.2195778	.4383496	.7230891	.1211206	.2006588
#1	2210.238	26924.37	2606.130	1856.352	2663.392
#2	2218.693	26954.75	2642.284	1860.395	2663.125
#3	2210.316	27142.92	2614.353	1856.662	2654.015

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-09DLX2 Acquired: 12/15/2024 20:19:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652130	.0352257	.3741820	-.043309	-.001759	30.54758	.3148764
Stddev	.0057138	.0021172	.0028204	.004236	.001117	.54162	.0053549
%RSD	8.761721	6.010425	.7537397	9.781526	63.45954	1.773043	1.700626
#1	.0614474	.0343417	.3717651	-.045357	-.002622	30.62658	.3168116
#2	.0717875	.0336937	.3735000	-.046132	-.002158	31.04537	.3189946
#3	.0624041	.0376416	.3772808	-.038438	-.000498	29.97080	.3088229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026857	.0066398	682.5472	.0556928	.0726062	.0738480	82.39757
Stddev	.0001283	.0000368	12.0187	.0010317	.0006978	.0057742	1.70547
%RSD	4.775220	.5545557	1.760866	1.852512	.9611091	7.818988	2.069802
#1	.0028226	.0066311	685.7775	.0545403	.0718091	.0678906	82.82242
#2	.0026661	.0066082	692.6207	.0565303	.0729029	.0742338	83.85045
#3	.0025683	.0066802	669.2434	.0560078	.0731067	.0794196	80.51984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.770830	346.7079	.0952645	-.005054	-.351133	.0708748	1.168135
Stddev	.090826	6.6706	.0010262	.000737	.417358	.0084611	.013460
%RSD	1.903769	1.923969	1.077187	14.59088	118.8602	11.93812	1.152289
#1	4.797869	348.2323	.0942338	-.005163	.003483	.0806305	1.152756
#2	4.845065	352.4843	.0962861	-.004268	-.811060	.0655379	1.173881
#3	4.669555	339.4071	.0952737	-.005731	-.245824	.0664561	1.177769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.377839	2.695910	.0115147	.0017552	7.906816	5.609015	.0190400
Stddev	.299506	.010577	.0018682	.0000811	.011006	.104597	.0010431
%RSD	5.569254	.3923470	16.22427	4.623284	.1391913	1.864799	5.478432
#1	5.298416	2.683933	.0129691	.0016904	7.899139	5.642204	.0202344
#2	5.709052	2.703969	.0121671	.0018462	7.919425	5.692990	.0185777
#3	5.126051	2.699828	.0094077	.0017289	7.901884	5.491850	.0183080

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-09DLX2 Acquired: 12/15/2024 20:19:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4274493	.2425797	.0952473
Stddev	.0116752	.0046094	.0074023
%RSD	2.731374	1.900154	7.771705
#1	.4320292	.2442548	.0914200
#2	.4361402	.2461173	.1037798
#3	.4141785	.2373670	.0905422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.007	27701.82	2698.087	1908.511	2674.650
Stddev	6.889	138.80	54.940	8.222	8.650
%RSD	.3058856	.5010615	2.036266	.4308050	.3234078
#1	2259.900	27823.24	2682.387	1916.459	2684.385
#2	2247.205	27731.71	2652.707	1909.034	2667.848
#3	2248.916	27550.50	2759.169	1900.040	2671.717

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-10DLX2 Acquired: 12/15/2024 20:23:19 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0402329	.0293406	.2404410	-.037326	.0009096	41.47406	.5123836
Stddev	.0031752	.0017312	.0044286	.002121	.0043218	.07362	.0003570
%RSD	7.892062	5.900498	1.841856	5.681184	475.1181	.1774991	.0696692
#1	.0424889	.0298891	.2409226	-.036093	-.001013	41.42504	.5127958
#2	.0416079	.0307311	.2357913	-.039775	.005859	41.55871	.5121785
#3	.0366020	.0274015	.2446090	-.036111	-.002117	41.43843	.5121765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034850	.0054322	622.6668	.0621242	.0768725	.0926174	97.67120
Stddev	.0000974	.0000306	.6488	.0005291	.0005813	.0025316	.16623
%RSD	2.795873	.5637563	.1042035	.8516952	.7561642	2.733435	.1701919
#1	.0034589	.0054413	622.5472	.0624792	.0771108	.0923862	97.49678
#2	.0034033	.0054573	623.3671	.0623772	.0772967	.0902093	97.82781
#3	.0035928	.0053981	622.0861	.0615161	.0762099	.0952568	97.68902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.302581	272.3041	.1008334	-.006471	-.227842	.0796767	1.087856
Stddev	.012178	1.0750	.0007822	.000434	1.212310	.0104126	.008729
%RSD	.2830363	.3947924	.7757451	6.711527	532.0837	13.06853	.8023764
#1	4.291081	271.3899	.1007830	-.006721	.793434	.0814012	1.089570
#2	4.315339	273.4885	.1016397	-.006723	.090640	.0891194	1.095600
#3	4.301324	272.0340	.1000777	-.005970	-1.56760	.0685096	1.078397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.413765	2.219174	-.006323	.0015664	5.074706	5.097403	.0146130
Stddev	.203424	.004159	.002861	.0003546	.011694	.038286	.0014700
%RSD	3.757537	.1874186	45.25039	22.63967	.2304314	.7510934	10.05927
#1	5.266171	2.220702	-.003201	.0016549	5.072212	5.053221	.0162110
#2	5.645814	2.214467	-.006946	.0011759	5.064461	5.120823	.0133185
#3	5.329312	2.222354	-.008821	.0018683	5.087446	5.118166	.0143094

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-10DLX2 Acquired: 12/15/2024 20:23:19 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4706261	.3407026	.1117865
Stddev	.0016936	.0017041	.0027682
%RSD	.3598507	.5001615	2.476295
#1	.4725796	.3396964	.1087887
#2	.4695705	.3426701	.1123249
#3	.4697284	.3397412	.1142459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.485	27591.55	2660.617	1906.454	2698.665
Stddev	3.688	48.83	13.924	8.395	3.840
%RSD	.1631396	.1769597	.5233196	.4403205	.1422784
#1	2263.795	27535.70	2676.690	1896.988	2700.346
#2	2261.150	27626.11	2652.258	1909.377	2694.271
#3	2256.510	27612.85	2652.903	1912.996	2701.376

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-12DLX2 Acquired: 12/15/2024 20:27:08 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0360381**	**.0330728**	**.1895551**	**-.042117**	**.0011928**	**37.48580**	**.4889714**
Stddev	.0052278	.0058902	.0020915	.002817	.0036072	.11519	.0025331
%RSD	14.50635	17.80968	1.103386	6.687539	302.4237	.3072789	.5180480
#1	.0382512	.0394664	.1875413	-.044195	.0040740	37.54463	.4911296
#2	.0300678	.0318847	.1917165	-.043244	-.002853	37.55970	.4896019
#3	.0397955	.0278672	.1894073	-.038911	.002357	37.35308	.4861825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033753**	**.0091254**	**758.9876**	**.0579125**	**.0792806**	**.0923056**	**99.19681**
Stddev	.0002387	.0001040	2.3704	.0003789	.0003737	.0030895	.32286
%RSD	7.072512	1.139745	.3123046	.6542854	.4713751	3.347068	.3254704
#1	.0031775	.0090556	760.1132	.0582743	.0793988	.0891619	99.53163
#2	.0036404	.0090758	760.5854	.0579447	.0788621	.0953380	99.17138
#3	.0033079	.0092450	756.2641	.0575185	.0795810	.0924170	98.88742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.218603**	**334.2941**	**.0982018**	**-.006181**	**-.380732**	**.0770918**	**1.712850**
Stddev	.017827	.9425	.0008891	.001043	.363565	.0085281	.015481
%RSD	.4225876	.2819430	.9053994	16.87435	95.49111	11.06231	.9038068
#1	4.232896	335.0812	.0991070	-.005893	-.293694	.0704657	1.721071
#2	4.224285	334.5515	.0981686	-.007338	-.068585	.0740960	1.722486
#3	4.198627	333.2496	.0973297	-.005313	-.779917	.0867136	1.694993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.353650**	**1.676382**	**-.000431**	**.0012546**	**11.27071**	**5.648792**	**.0160056**
Stddev	.166675	.010088	.002222	.0000277	.01800	.032898	.0023695
%RSD	3.828404	.6017739	515.1154	2.205593	.1597363	.5823931	14.80434
#1	4.544906	1.684051	.001648	.0012656	11.29136	5.611039	.0157615
#2	4.276642	1.664954	-.002772	.0012231	11.26244	5.671320	.0137676
#3	4.239403	1.680140	-.000170	.0012751	11.25832	5.664017	.0184877

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-12DLX2 Acquired: 12/15/2024 20:27:08 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3777257	.4373447	.1102490
Stddev	.0016438	.0010764	.0045524
%RSD	.4351734	.2461160	4.129215
#1	.3758841	.4384995	.1144169
#2	.3782487	.4371653	.1053909
#3	.3790443	.4363693	.1109392

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.992	27286.48	2659.120	1884.919	2651.005
Stddev	1.838	88.79	6.781	10.751	4.649
%RSD	.0825017	.3254074	.2550207	.5703548	.1753829
#1	2227.048	27211.36	2660.246	1881.133	2648.871
#2	2230.110	27263.61	2651.846	1876.573	2656.338
#3	2226.818	27384.47	2665.267	1897.050	2647.805

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-16DLX2 Acquired: 12/15/2024 20:30:59 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0500587**	**.0299737**	**.4897726**	**-.037774**	**-.000181**	**36.06926**	**.4325231**
Stddev	.0025820	.0022035	.0017677	.003198	.003361	1.58305	.0196101
%RSD	5.158010	7.351631	.3609189	8.466471	1854.039	4.388923	4.533878
#1	.0505564	.0306951	.4883539	-.040676	-.002020	35.34319	.4246749
#2	.0472641	.0317261	.4892110	-.034345	-.002222	37.88511	.4548417
#3	.0523558	.0274998	.4917528	-.038301	.003698	34.97948	.4180527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034703**	**.0023003**	**557.9262**	**.0532856**	**.0860646**	**.1838533**	**97.31129**
Stddev	.0001795	.0001162	24.0923	.0006990	.0008447	.0100556	4.37631
%RSD	5.172568	5.051664	4.318188	1.311766	.9814335	5.469347	4.497223
#1	.0032715	.0024301	546.8866	.0538553	.0870387	.1760339	95.48975
#2	.0035187	.0022650	585.5602	.0525056	.0855349	.1951966	102.3042
#3	.0036206	.0022059	541.3320	.0534959	.0856202	.1803296	94.1400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.542770**	**22.30567**	**.0867847**	**-.004374**	**-.274941**	**.0844405**	**.3130122**
Stddev	.301159	1.00311	.0006385	.000249	.565031	.0203697	.0059544
%RSD	4.602933	4.497128	.7357826	5.701757	205.5104	24.12309	1.902299
#1	6.419340	21.81364	.0861125	-.004328	.370510	.0827880	.3066659
#2	6.886036	23.45980	.0868584	-.004150	-.515167	.1055861	.3138944
#3	6.322935	21.64358	.0873832	-.004642	-.680164	.0649475	.3184763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.401698**	**2.960634**	**-.002203**	**.0010871**	**.7139799**	**4.804461**	**.0244111**
Stddev	.466553	.013200	.001753	.0001295	.0065680	.193440	.0011220
%RSD	8.637160	.4458389	79.58381	11.90846	.9199204	4.026254	4.596386
#1	5.059651	2.975113	-.001415	.0009459	.7146096	4.703623	.0256475
#2	5.933172	2.957518	-.000982	.0012002	.7071197	5.027485	.0234575
#3	5.212270	2.949272	-.004211	.0011153	.7202104	4.682274	.0241283

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-16DLX2 Acquired: 12/15/2024 20:30:59 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4275359	.2668754	.0917443
Stddev	.0192747	.0121729	.0021559
%RSD	4.508330	4.561273	2.349914
#1	.4177347	.2618321	.0914013
#2	.4497416	.2807595	.0940512
#3	.4151314	.2580347	.0897805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.235	28964.81	2699.822	1997.578	2862.869
Stddev	8.197	87.54	103.364	4.035	2.875
%RSD	.3446843	.3022133	3.828532	.2019787	.1004352
#1	2380.349	28865.75	2739.394	1997.357	2863.057
#2	2385.169	28996.93	2582.519	1993.659	2865.645
#3	2369.188	29031.75	2777.553	2001.719	2859.903

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-17DLX2 Acquired: 12/15/2024 20:34:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482714	.0373102	.5305616	-.036826	.0012531	23.52776	.3520360
Stddev	.0031071	.0021654	.0025793	.004429	.0026580	.04894	.0019498
%RSD	6.436647	5.803653	.4861423	12.02729	212.1228	.2080023	.5538658
#1	.0458086	.0390052	.5276407	-.032160	.0041517	23.53955	.3540527
#2	.0517622	.0380545	.5315180	-.037347	-.001070	23.56972	.3518945
#3	.0472434	.0348709	.5325261	-.040972	.000678	23.47400	.3501608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022993	.0021072	687.4299	.0426531	.0762980	.2277787	85.09538
Stddev	.0001393	.0000677	2.3012	.0007817	.0009162	.0086973	.56989
%RSD	6.058991	3.214777	.3347550	1.832726	1.200833	3.818299	.6697113
#1	.0022351	.0021711	689.6419	.0429244	.0771525	.2362056	85.43764
#2	.0022038	.0020362	687.5990	.0432630	.0764111	.2188342	85.41100
#3	.0024592	.0021143	685.0488	.0417718	.0753305	.2282962	84.43751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.472475	14.09182	.0655631	-.005056	.1741932	.0641134	.3000135
Stddev	.029216	.10619	.0008857	.001005	.6638314	.0078544	.0028114
%RSD	.3084332	.7535603	1.350919	19.87759	381.0892	12.25074	.9370976
#1	9.490375	14.00735	.0665536	-.004824	-.475153	.0651835	.2984039
#2	9.488289	14.21103	.0648473	-.004186	.146113	.0557788	.2983768
#3	9.438760	14.05708	.0652884	-.006156	.851619	.0713778	.3032598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.748194	2.956434	-.010042	.0018587	.5559010	4.844928	.0169948
Stddev	.023978	.017931	.001463	.0004707	.0033172	.035765	.0004623
%RSD	.8724828	.6064989	14.56457	25.32236	.5967293	.7381885	2.719980
#1	2.772586	2.957334	-.008644	.0013165	.5549171	4.867713	.0165501
#2	2.747342	2.938070	-.011562	.0021618	.5531871	4.863365	.0174728
#3	2.724654	2.973897	-.009920	.0020978	.5595989	4.803707	.0169616

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-17DLX2 Acquired: 12/15/2024 20:34:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3939249	.3525819	.0721427
Stddev	.0038513	.0006107	.0040180
%RSD	.9776744	.1732111	5.569579
#1	.3971412	.3526741	.0755650
#2	.3896570	.3531413	.0677185
#3	.3949765	.3519303	.0731445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.326	28649.13	2710.423	1976.455	2812.804
Stddev	12.633	35.20	15.813	8.815	15.238
%RSD	.5377147	.1228640	.5834175	.4459930	.5417363
#1	2337.437	28637.11	2695.588	1970.607	2803.998
#2	2362.590	28621.52	2708.621	1986.594	2830.399
#3	2347.952	28688.77	2727.060	1972.164	2804.014

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-21DLX2 Acquired: 12/15/2024 20:38:42 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431154	.0339176	.5292801	-.039204	-.004658	30.56218	.3365873
Stddev	.0035779	.0031621	.0023616	.005103	.002983	.16627	.0010498
%RSD	8.298450	9.323014	.4461972	13.01551	64.05214	.5440493	.3119068
#1	.0466375	.0375473	.5269739	-.033318	-.005660	30.70762	.3377643
#2	.0394842	.0324469	.5291727	-.041930	-.007011	30.59800	.3362502
#3	.0432246	.0317587	.5316935	-.042365	-.001302	30.38091	.3357474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025413	.0022334	577.8883	.0479572	.0796739	.2212752	82.09128
Stddev	.0000216	.0001170	2.6915	.0011637	.0006594	.0039553	.39308
%RSD	.8504023	5.239375	.4657502	2.426472	.8275998	1.787497	.4788367
#1	.0025302	.0022405	580.9662	.0478724	.0793476	.2167110	82.48935
#2	.0025662	.0023467	576.7222	.0468383	.0792413	.2236991	82.08111
#3	.0025275	.0021130	575.9764	.0491610	.0804328	.2234155	81.70338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.230869	17.46062	.0781915	-.005213	.0597202	.0787750	.4114846
Stddev	.026602	.11208	.0002750	.001064	.0829389	.0111292	.0098640
%RSD	.4269408	.6419205	.3516729	20.40816	138.8791	14.12778	2.397180
#1	6.261172	17.44687	.0779148	-.004029	.1522484	.0900690	.4226589
#2	6.220070	17.57894	.0784647	-.005520	-.007939	.0784377	.4039868
#3	6.211364	17.35604	.0781951	-.006089	.034851	.0678183	.4078082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.188640	3.679207	-.010271	.0006016	.6521161	4.979529	.0174169
Stddev	.131239	.012684	.001703	.0007054	.0019124	.034229	.0007829
%RSD	4.115829	.3447402	16.58240	117.2518	.2932632	.6873849	4.495077
#1	3.045680	3.666514	-.012146	.0007261	.6521727	4.940033	.0166110
#2	3.303657	3.679226	-.009845	-.000158	.6501760	5.000553	.0181746
#3	3.216584	3.691882	-.008821	.001236	.6539995	4.998001	.0174651

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4981-21DLX2 Acquired: 12/15/2024 20:38:42 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5001493	.2577250	.0766935
Stddev	.0029152	.0010363	.0041478
%RSD	.5828674	.4020821	5.408299
#1	.4971410	.2588087	.0813463
#2	.5029615	.2576226	.0733832
#3	.5003454	.2567438	.0753510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.332	28578.67	2719.999	1974.588	2846.073
Stddev	7.439	129.69	6.117	10.226	8.127
%RSD	.3166458	.4538160	.2248823	.5178641	.2855459
#1	2343.289	28540.00	2727.055	1968.837	2842.357
#2	2347.067	28723.31	2716.182	1986.394	2840.468
#3	2357.641	28472.72	2716.762	1968.532	2855.393

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-01DLX2 Acquired: 12/15/2024 20:42:33 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206098**	**.0353442**	**.1350834**	**-.044417**	**-.008502**	**17.24112**	**.1575209**
Stddev	.0002704	.0027011	.0018525	.002041	.001162	.08499	.0002949
%RSD	1.312119	7.642145	1.371414	4.595683	13.66191	.4929674	.1871972
#1	.0202984	.0361715	.1367870	-.046338	-.009840	17.29887	.1578429
#2	.0207858	.0375349	.1331113	-.042274	-.007760	17.14353	.1572640
#3	.0207453	.0323263	.1353520	-.044638	-.007906	17.28096	.1574559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015236**	**.0018262**	**540.8279**	**.0299884**	**.0670316**	**.0851532**	**54.10683**
Stddev	.0001755	.0001702	1.7628	.0006198	.0003128	.0119511	.12691
%RSD	11.51659	9.321015	.3259389	2.066923	.4666125	14.03487	.2345502
#1	.0017127	.0016434	541.9321	.0292822	.0671732	.0846503	54.06943
#2	.0014919	.0018551	538.7949	.0304425	.0672485	.0734615	54.00282
#3	.0013661	.0019802	541.7566	.0302405	.0666730	.0973479	54.24823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.656284**	**155.5086**	**.0488716**	**-.003043**	**1.110411**	**.0364478**	**.2022888**
Stddev	.029517	.7669	.0009641	.001395	.534403	.0069116	.0093136
%RSD	.4434402	.4931650	1.972682	45.84833	48.12663	18.96316	4.604120
#1	6.640545	155.3957	.0486462	-.004445	.666617	.0388989	.1915711
#2	6.637974	154.8045	.0480402	-.001655	.960997	.0417997	.2068782
#3	6.690335	156.3258	.0499284	-.003028	1.703620	.0286446	.2084170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.546456**	**2.567624**	**.0070074**	**-.000508**	**3.348028**	**5.090214**	**.0103993**
Stddev	.111769	.008094	.0009552	.000118	.024422	.015836	.0011154
%RSD	4.389190	.3152344	13.63128	23.27540	.7294479	.3111094	10.72607
#1	2.435548	2.558644	.0061398	-.000496	3.330989	5.104643	.0095363
#2	2.659066	2.569868	.0068514	-.000632	3.337088	5.073271	.0100028
#3	2.544752	2.574359	.0080310	-.000396	3.376008	5.092728	.0116589

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-01DLX2 Acquired: 12/15/2024 20:42:33 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2338738	.3076446	.0599515
Stddev	.0042738	.0015231	.0002267
%RSD	1.827398	.4950893	.3781299
#1	.2377505	.3076425	.0598227
#2	.2292909	.3061225	.0602133
#3	.2345801	.3091687	.0598186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.695	28184.98	2712.317	1946.572	2754.925
Stddev	13.570	130.99	7.617	12.180	14.271
%RSD	.5865263	.4647533	.2808455	.6257231	.5180356
#1	2318.488	28320.90	2704.706	1960.457	2765.137
#2	2324.219	28059.55	2719.941	1941.574	2761.020
#3	2298.379	28174.49	2712.303	1937.687	2738.618

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV031 Acquired: 12/15/2024 20:46:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.796555**	**4.774283**	**23.65928**	**4.578429**	**4.618039**	**387.1480**	**9.698918**
Stddev	.029917	.007653	.01437	.018145	.010180	2.8607	.086273
%RSD	.6237156	.1602891	.0607517	.3963175	.2204391	.7389076	.8895164
#1	4.770308	4.766443	23.64268	4.557523	4.606292	383.9890	9.603629
#2	4.790229	4.774672	23.66743	4.590082	4.623546	389.5636	9.771725
#3	4.829129	4.781734	23.66772	4.587682	4.624280	387.8914	9.721400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4764193**	**2.373121**	**394.7297**	**14.63634**	**2.359461**	**14.46023**	**395.4205**
Stddev	.0055689	.002378	2.7959	.12033	.002603	.14472	3.3321
%RSD	1.168901	.1001988	.7082975	.8221266	.1103280	1.000810	.8426695
#1	.4725703	2.370396	391.6633	14.74416	2.360624	14.30111	391.7682
#2	.4828049	2.374195	397.1375	14.65832	2.361279	14.58400	398.2947
#3	.4738828	2.374774	395.3882	14.50653	2.356479	14.49557	396.1986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.28476**	**385.2191**	**2.383000**	**1.192693**	**390.8594**	**2.381523**	**14.40428**
Stddev	.11088	3.2978	.006700	.007985	5.0015	.035427	.07062
%RSD	.7762411	.8560876	.2811501	.6695052	1.279607	1.487584	.4902645
#1	14.16542	381.5794	2.379139	1.198433	385.1272	2.340616	14.47322
#2	14.38461	388.0085	2.390736	1.196073	394.3345	2.402200	14.33210
#3	14.30424	386.0694	2.379124	1.183574	393.1166	2.401754	14.40751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**144.8891**	**4.755438**	**4.612382**	**4.587372**	**4.779230**	**4.786604**	**4.795712**
Stddev	1.0374	.015104	.035836	.010087	.007610	.047502	.006947
%RSD	.7160099	.3176166	.7769585	.2198827	.1592295	.9923936	.1448499
#1	143.7695	4.751386	4.583432	4.577738	4.773688	4.746832	4.793993
#2	145.8179	4.772154	4.652463	4.597857	4.787906	4.839202	4.803356
#3	145.0799	4.742772	4.601252	4.586522	4.776095	4.773777	4.789785

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV031 Acquired: 12/15/2024 20:46:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.820996	4.553172	4.973007
Stddev	.037825	.038016	.043323
%RSD	.7845912	.8349383	.8711693
#1	4.778907	4.511608	4.925844
#2	4.852146	4.586184	5.011033
#3	4.831934	4.561723	4.982144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.445	25569.53	2529.170	1702.264	2572.430
Stddev	5.584	132.57	22.143	8.459	6.636
%RSD	.2870173	.5184694	.8755017	.4969037	.2579854
#1	1944.931	25424.30	2547.983	1693.454	2568.635
#2	1940.136	25600.24	2504.768	1703.019	2568.562
#3	1951.268	25684.05	2534.759	1710.320	2580.093

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB031 Acquired: 12/15/2024 20:50:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000565**	**.0023944**	**-.000829**	**-.002702**	**-.001441**	**-.006655**	**.0015460**
Stddev	.002728	.0019282	.001312	.001491	.003150	.033072	.0009934
%RSD	483.1579	80.53030	158.2804	55.17516	218.6174	496.9391	64.25451
#1	.001600	.0044800	.000264	-.002453	.000873	.021884	.0024513
#2	.000335	.0020266	-.000467	-.004302	-.005028	-.042900	.0017033
#3	-.003628	.0006766	-.002285	-.001352	-.000168	.001051	.0004834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000224**	**.0000038**	**-.026612**	**-.000390**	**-.000017**	**-.005273**	**-.001321**
Stddev	.0001412	.0001139	.031489	.000194	.000118	.007463	.017148
%RSD	630.4026	3037.889	118.3248	49.59293	678.3342	141.5306	1298.041
#1	.0000271	.0000416	-.037044	-.000539	-.000154	.002687	-.016269
#2	-.000121	-.000124	.008769	-.000460	.000052	-.006393	.017398
#3	.000161	.000094	-.051562	-.000172	.000050	-.012114	-.005092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020680**	**-.014560**	**-.000244**	**-.000053**	**-.416739**	**-.001350**	**-.008723**
Stddev	.0004700	.098300	.000385	.000705	.811550	.004818	.003740
%RSD	22.72888	675.1223	157.5020	1327.799	194.7381	356.8639	42.87763
#1	.0024221	-.110770	-.000072	.000429	-.138023	.000809	-.004814
#2	.0015347	.085705	.000024	-.000862	.218727	.002010	-.009087
#3	.0022471	-.018616	-.000686	.000274	-1.33092	-.006870	-.012268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5316412**	**-.000037**	**.0081707**	**-.000027**	**-.006308**	**.0026128**	**-.000554**
Stddev	.2790192	.000691	.0014571	.000120	.001734	.0001624	.000743
%RSD	52.48262	1848.961	17.83396	448.1461	27.48945	6.214524	134.0989
#1	.5830234	-.000614	.0071921	.000111	-.008024	.0027865	-.000813
#2	.7813980	-.000226	.0074746	-.000083	-.004556	.0025872	-.001132
#3	.2305020	.000728	.0098453	-.000108	-.006344	.0024648	.000284

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB031 Acquired: 12/15/2024 20:50:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001296	.0002333	-.000453
Stddev	.002491	.0002108	.005227
%RSD	192.2241	90.34176	1153.330
#1	-.003693	.0002643	.000097
#2	.001280	.0000088	.004477
#3	-.001475	.0004269	-.005934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.339	28229.18	2569.856	1965.755	3260.002
Stddev	11.092	37.29	21.910	3.025	13.014
%RSD	.4757777	.1321048	.8525723	.1538971	.3992075
#1	2334.538	28216.40	2593.593	1962.403	3262.956
#2	2318.998	28271.19	2565.565	1968.281	3245.765
#3	2340.479	28199.97	2550.408	1966.582	3271.285

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-04DLX2 Acquired: 12/15/2024 20:54:01 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	.0312581	.0418118	.1798553	-.037916	-.003238	17.79329
Stddev	.0017318	.0043657	.0008235	.004450	.001288	.06924
%RSD	5.540209	10.44124	.4578659	11.73746	39.78627	.3891182
#1	.0327144	.0428128	.1801562	-.032778	-.003570	17.87312
#2	.0317166	.0370326	.1789237	-.040396	-.001816	17.74958
#3	.0293432	.0455901	.1804861	-.040573	-.004328	17.75717

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3400505	.0015629	.0024069	F 840.4763	.0270531	.0676666
Stddev	.0015431	.0001873	.0000746	.4629	.0008623	.0008949
%RSD	.4537944	11.98206	3.099873	.0550736	3.187555	1.322557
#1	.3385716	.0015131	.0024886	840.9737	.0261516	.0681604
#2	.3416507	.0017700	.0023423	840.3970	.0271377	.0682058
#3	.3399290	.0014055	.0023900	840.0582	.0278701	.0666335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1444604	77.95980	11.43519	65.74364	.0523550	-.003486
Stddev	.0089338	.25262	.02578	.45434	.0001363	.000979
%RSD	6.184227	.3240409	.2254664	.6910717	.2603491	28.07877
#1	.1404549	78.06969	11.43855	66.26391	.0521997	-.002638
#2	.1382303	78.13886	11.45912	65.42511	.0524102	-.004557
#3	.1546959	77.67084	11.40789	65.54190	.0524550	-.003263

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.279917	.0441240	.1994517	2.438141	3.526831	-.002576
Stddev	.630586	.0010208	.0019255	.122191	.017014	.000466
%RSD	225.2763	2.313488	.9653862	5.011633	.4824217	18.09375
#1	.051220	.0437801	.2015433	2.417736	3.522789	-.002099
#2	-1.00709	.0452724	.1977529	2.327437	3.512201	-.003030
#3	.11612	.0433197	.1990588	2.569249	3.545502	-.002601

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-04DLX2 Acquired: 12/15/2024 20:54:01 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	.0048735	1.594908	6.486310	.0165203	.2977510	.3758968
Stddev	.0007552	.004958	.025900	.0019602	.0139727	.0004693
%RSD	15.49709	.3108682	.3993013	11.86561	4.692756	.1248495
#1	.0045984	1.589193	6.507688	.0183940	.2939339	.3761757
#2	.0057277	1.597468	6.457509	.0166832	.2860835	.3761598
#3	.0042943	1.598062	6.493732	.0144837	.3132356	.3753550

Elem	Li6707
Units	ppm
Avg	.0776711
Stddev	.0035806
%RSD	4.609923
#1	.0810402
#2	.0739111
#3	.0780620

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.027	28096.76	2735.498	1952.828	2740.978
Stddev	6.494	125.56	4.619	9.387	8.382
%RSD	.2794395	.4469009	.1688617	.4806985	.3058058
#1	2325.348	28207.29	2732.182	1960.461	2745.242
#2	2329.759	27960.23	2740.774	1942.346	2746.371
#3	2316.974	28122.78	2733.539	1955.676	2731.322

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-05DLX2 Acquired: 12/15/2024 20:57:52 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1460528	.0447168	.2246662	-.023257	.0082991	33.22216	.5106236
Stddev	.0034333	.0027028	.0022438	.001001	.0030887	.07500	.0016452
%RSD	2.350740	6.044302	.9987266	4.302530	37.21700	.2257576	.3222026
#1	.1495451	.0461679	.2231220	-.023883	.0048304	33.14693	.5088264
#2	.1459317	.0463841	.2272400	-.023785	.0107516	33.22263	.5120555
#3	.1426817	.0415983	.2236364	-.022103	.0093154	33.29693	.5109889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039528	.0029806	510.0677	.0528397	.1263164	.5748891	130.4930
Stddev	.0000463	.0001154	1.0792	.0009125	.0005516	.0051568	.1125
%RSD	1.171723	3.872166	.2115767	1.726860	.4366414	.8970151	.0862187
#1	.0039377	.0028839	508.9837	.0530230	.1267399	.5785997	130.4487
#2	.0040048	.0029496	510.0774	.0518495	.1256927	.5690006	130.6209
#3	.0039160	.0031084	511.1421	.0536466	.1265165	.5770668	130.4094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.95168	54.96190	.1204869	-.006549	-.041979	.0919281	.2885366
Stddev	.03123	.06831	.0005187	.001228	.609320	.0073684	.0029497
%RSD	.1957481	.1242770	.4304860	18.74869	1451.504	8.015381	1.022296
#1	15.91651	54.92335	.1199727	-.007137	-.516499	.0840562	.2912334
#2	15.96238	54.92157	.1210099	-.005137	.645164	.0986602	.2853865
#3	15.97615	55.04076	.1204781	-.007372	-.254600	.0930678	.2889898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.268033	8.588836	-.005742	.0003410	2.031171	5.764875	.0205499
Stddev	.119381	.010255	.000873	.0004723	.005311	.036635	.0005224
%RSD	1.904608	.1193979	15.20623	138.4945	.2614576	.6354794	2.542029
#1	6.131868	8.587582	-.004782	.0008553	2.035350	5.723381	.0211152
#2	6.317511	8.579266	-.006490	.0002408	2.032967	5.778500	.0204496
#3	6.354721	8.599661	-.005955	-.000073	2.025195	5.792745	.0200850

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-05DLX2 Acquired: 12/15/2024 20:57:52 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2993138	.3440252	.0760489
Stddev	.0031768	.0008838	.0061189
%RSD	1.061356	.2568962	8.046028
#1	.2999996	.3430128	.0810514
#2	.3020917	.3444204	.0778689
#3	.2958502	.3446424	.0692265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.806	29882.14	2845.025	2066.408	2828.074
Stddev	1.155	399.59	14.899	27.270	4.045
%RSD	.0474801	1.337222	.5236713	1.319692	.1430435
#1	2431.662	29701.15	2861.684	2048.261	2823.409
#2	2432.785	30340.20	2832.978	2097.768	2830.614
#3	2433.972	29605.06	2840.413	2053.194	2830.199

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-07DLX2 Acquired: 12/15/2024 21:01:42 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0286904**	**.0357888**	**.2283958**	**-.042807**	**-.003359**	**31.84540**	**.4283256**
Stddev	.0014991	.0034690	.0025725	.004843	.002230	.03242	.0012157
%RSD	5.225177	9.692909	1.126326	11.31323	66.38881	.1017896	.2838161
#1	.0287159	.0368982	.2261463	-.039387	-.005640	31.88210	.4297025
#2	.0301766	.0385674	.2278404	-.040686	-.001184	31.82068	.4278736
#3	.0271786	.0319009	.2312006	-.048349	-.003253	31.83341	.4274007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028795**	**.0032226**	**741.6617**	**.0545773**	**.0721517**	**.0734568**	**84.33893**
Stddev	.0001431	.0001311	2.0847	.0005919	.0007492	.0021906	.37402
%RSD	4.969021	4.068327	.2810801	1.084546	1.038317	2.982208	.4434675
#1	.0029958	.0031792	743.2454	.0548956	.0729816	.0750525	84.55375
#2	.0027197	.0033699	739.2999	.0549421	.0715253	.0709592	83.90706
#3	.0029230	.0031187	742.4399	.0538944	.0719483	.0743588	84.55598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.525192**	**335.5861**	**.0884927**	**-.004619**	**-.408238**	**.0586644**	**.5797037**
Stddev	.017012	.5314	.0012635	.001257	.433508	.0111131	.0102074
%RSD	.3759460	.1583448	1.427759	27.21704	106.1900	18.94346	1.760790
#1	4.533730	335.9617	.0896943	-.003239	-.891380	.0636470	.5912055
#2	4.505602	334.9781	.0871753	-.004918	-.053267	.0664142	.5761825
#3	4.536244	335.8184	.0886085	-.005700	-.280068	.0459319	.5717231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.704699**	**2.441388**	**.0019019**	**.0017844**	**8.015205**	**6.116597**	**.0150588**
Stddev	.299341	.006379	.0014521	.0003820	.018499	.050105	.0019116
%RSD	6.362589	.2612911	76.34801	21.40804	.2308008	.8191660	12.69445
#1	4.906069	2.437851	.0016816	.0020740	7.999765	6.173348	.0137587
#2	4.360719	2.448752	.0005726	.0013515	8.010140	6.097967	.0141639
#3	4.847309	2.437560	.0034515	.0019278	8.035709	6.078475	.0172537

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-07DLX2 Acquired: 12/15/2024 21:01:42 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3510031	.4384679	.1094353
Stddev	.0048343	.0016890	.0037556
%RSD	1.377292	.3852095	3.431795
#1	.3519568	.4401800	.1093210
#2	.3457630	.4368029	.1132467
#3	.3552895	.4384207	.1057382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.037	26951.45	2631.631	1857.545	2644.645
Stddev	8.824	90.61	1.032	4.525	7.563
%RSD	.3996446	.3361843	.0391998	.2435815	.2859919
#1	2212.195	27025.51	2632.518	1854.317	2650.866
#2	2214.014	26850.42	2631.876	1862.717	2646.843
#3	2197.902	26978.43	2630.499	1855.602	2636.226

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-13DLX2 Acquired: 12/15/2024 21:05:31 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0158353**	**.0287695**	**.1695410**	**-.035690**	**.0060345**	**53.26398**	**.7558174**
Stddev	.0053820	.0023871	.0015156	.006954	.0017770	.20222	.0052858
%RSD	33.98754	8.297479	.8939278	19.48409	29.44802	.3796546	.6993496
#1	.0106290	.0311458	.1678741	-.028947	.0042579	53.43617	.7596592
#2	.0154995	.0263716	.1708360	-.042837	.0078119	53.31448	.7580038
#3	.0213773	.0287911	.1699129	-.035286	.0060336	53.04130	.7497892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045057**	**.0043041**	**633.1551**	**.0774970**	**.0897673**	**.1078775**	**111.7264**
Stddev	.0001065	.0000801	2.2969	.0008984	.0005433	.0047538	.6256
%RSD	2.364137	1.861477	.3627652	1.159310	.6051763	4.406638	.5599021
#1	.0044579	.0043849	635.3595	.0764885	.0891900	.1071893	112.1560
#2	.0044315	.0042246	633.3300	.0782120	.0898432	.1035053	112.0144
#3	.0046278	.0043029	630.7758	.0777904	.0902686	.1129379	111.0087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.757352**	**237.2700**	**.1271727**	**-.006473**	**.3373296**	**.0902082**	**.7241321**
Stddev	.020868	1.0886	.0004372	.000848	.0859160	.0094410	.0156648
%RSD	.5553940	.4587973	.3437521	13.09629	25.46944	10.46580	2.163258
#1	3.773980	237.8682	.1276668	-.006556	.2979145	.0793093	.7341774
#2	3.764141	237.9283	.1268361	-.007276	.4358813	.0958657	.7321365
#3	3.733935	236.0135	.1270151	-.005587	.2781931	.0954495	.7060823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.034430**	**1.922843**	**-.012418**	**.0028147**	**4.385270**	**5.962303**	**.0155390**
Stddev	.117521	.002578	.001490	.0005223	.023872	.004005	.0018514
%RSD	3.872912	.1340492	11.99580	18.55795	.5443568	.0671690	11.91428
#1	3.071070	1.924921	-.012831	.0022619	4.379297	5.963159	.0175925
#2	3.129266	1.919959	-.010765	.0033000	4.364952	5.957940	.0139976
#3	2.902954	1.923650	-.013657	.0028820	4.411561	5.965811	.0150270

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-13DLX2 Acquired: 12/15/2024 21:05:31 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4487497	.7992943	.1409115
Stddev	.0040461	.0057455	.0070027
%RSD	.9016347	.7188191	4.969534
#1	.4441098	.8027520	.1480337
#2	.4515435	.8024688	.1406660
#3	.4505957	.7926620	.1340349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.386	27162.08	2606.595	1862.251	2686.989
Stddev	1.475	40.57	5.970	2.999	4.192
%RSD	.0660321	.1493547	.2290398	.1610213	.1560106
#1	2235.896	27117.35	2599.701	1859.793	2691.761
#2	2232.947	27172.39	2610.022	1861.369	2683.901
#3	2234.314	27196.49	2610.061	1865.592	2685.305

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-14DLX2 Acquired: 12/15/2024 21:09:21 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165026	.0333681	.2309090	-.042496	-.014137	11.11895	.0893738
Stddev	.0035862	.0023589	.0049900	.006559	.001999	.03889	.0003353
%RSD	21.73099	7.069411	2.161030	15.43317	14.13817	.3497765	.3751553
#1	.0136503	.0359628	.2261630	-.049934	-.013055	11.09938	.0897337
#2	.0153290	.0313531	.2304523	-.040012	-.012912	11.16374	.0893175
#3	.0205286	.0327883	.2361116	-.037543	-.016444	11.09373	.0890702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015051	.0028063	694.7554	.0283370	.0592908	.0908601	46.27258
Stddev	.0001127	.0000668	.4066	.0008484	.0004601	.0029617	.08479
%RSD	7.485698	2.382226	.0585297	2.993944	.7760570	3.259595	.1832407
#1	.0015400	.0027363	695.2161	.0292925	.0595260	.0885282	46.35912
#2	.0015961	.0028695	694.6038	.0280465	.0595857	.0898597	46.26896
#3	.0013790	.0028130	694.4464	.0276720	.0587606	.0941924	46.18966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.873302	373.2119	.0390425	-.001271	-.754711	.0274598	.5010485
Stddev	.003766	1.1853	.0004147	.000760	.297173	.0064908	.0110891
%RSD	.0972389	.3175883	1.062111	59.81583	39.37574	23.63759	2.213170
#1	3.870600	374.5312	.0391299	-.000395	-.452226	.0323438	.5124876
#2	3.877605	372.8679	.0394066	-.001764	-1.04627	.0299413	.5003116
#3	3.871703	372.2367	.0385911	-.001652	-.76564	.0200943	.4903462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.518657	1.176546	.0488135	-.000839	11.81432	5.825940	.0264219
Stddev	.132883	.003580	.0022135	.000139	.01496	.032458	.0003291
%RSD	2.038497	.3042402	4.534533	16.58093	.1266139	.5571313	1.245396
#1	6.671917	1.174091	.0512479	-.000739	11.82176	5.789646	.0260626
#2	6.448454	1.174894	.0469219	-.000781	11.82409	5.852185	.0267087
#3	6.435600	1.180653	.0482706	-.000998	11.79710	5.835989	.0264943

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-14DLX2 Acquired: 12/15/2024 21:09:21 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1460466	.2720034	.0775653
Stddev	.0058411	.0003850	.0102302
%RSD	3.999505	.1415574	13.18917
#1	.1470235	.2723893	.0657615
#2	.1513377	.2716193	.0838669
#3	.1397786	.2720015	.0830675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.902	26540.58	2559.420	1810.715	2631.371
Stddev	3.293	149.40	14.532	14.008	10.610
%RSD	.1511171	.5629179	.5677778	.7736287	.4032240
#1	2179.311	26403.77	2553.319	1801.306	2632.244
#2	2175.424	26517.97	2548.933	1804.024	2620.352
#3	2181.971	26700.00	2576.008	1826.814	2641.519

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-15DLX2 Acquired: 12/15/2024 21:13:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0226746**	**.0361656**	**.5159116**	**-.043440**	**-.004896**	**17.88414**	**.1480180**
Stddev	.0019572	.0036163	.0061610	.005713	.002309	.08654	.0008382
%RSD	8.631794	9.999346	1.194202	13.15077	47.16247	.4839055	.5662815
#1	.0246213	.0400869	.5124849	-.036879	-.002230	17.81624	.1471104
#2	.0207070	.0354481	.5122257	-.047307	-.006210	17.85458	.1481805
#3	.0226954	.0329618	.5230242	-.046135	-.006249	17.98158	.1487630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018702**	**.0056166**	**728.8890**	**.0406521**	**.0673359**	**.3606467**	**68.38745**
Stddev	.0000857	.0001142	1.7510	.0012641	.0009815	.0030899	.25683
%RSD	4.584842	2.032796	.2402342	3.109555	1.457621	.8567787	.3755537
#1	.0019104	.0055360	728.3715	.0418517	.0662232	.3640252	68.22683
#2	.0017718	.0057473	727.4550	.0407725	.0680787	.3599508	68.25185
#3	.0019285	.0055667	730.8404	.0393321	.0677059	.3579640	68.68366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.023015**	**388.5293**	**.0582751**	**-.003665**	**.1395211**	**.0353744**	**1.527219**
Stddev	.007480	1.5458	.0005704	.000106	.6837082	.0089708	.024102
%RSD	.1489202	.3978555	.9787405	2.900865	490.0393	25.35948	1.578161
#1	5.016122	386.8271	.0587093	-.003598	-.622375	.0279257	1.509213
#2	5.021955	388.9152	.0576291	-.003610	.699614	.0453327	1.517844
#3	5.030969	389.8456	.0584868	-.003788	.341324	.0328647	1.554600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.374364**	**1.841262**	**.0282792**	**-.000131**	**10.32301**	**5.847732**	**.0805251**
Stddev	.161509	.011880	.0015930	.000215	.02621	.031045	.0017921
%RSD	3.005172	.6452000	5.633244	163.1625	.2538845	.5308884	2.225554
#1	5.256367	1.827722	.0274017	-.000152	10.29661	5.863127	.0790512
#2	5.308293	1.849934	.0273178	-.000335	10.32340	5.868071	.0800040
#3	5.558433	1.846132	.0301180	.000093	10.34902	5.811998	.0825200

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-15DLX2 Acquired: 12/15/2024 21:13:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2223362	.2565955	.0923611
Stddev	.0033187	.0009869	.0068516
%RSD	1.492649	.3845962	7.418281
#1	.2223749	.2556481	.0945905
#2	.2189982	.2565209	.0978204
#3	.2256353	.2576176	.0846725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.415	27021.21	2611.432	1852.327	2631.550
Stddev	8.357	62.10	9.328	7.904	7.872
%RSD	.3784084	.2298041	.3571895	.4266829	.2991258
#1	2212.053	27071.75	2605.073	1856.377	2638.827
#2	2214.335	27039.99	2607.082	1857.385	2632.628
#3	2198.855	26951.89	2622.140	1843.220	2623.195

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-16DLX2 Acquired: 12/15/2024 21:17:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297595	.0299896	.3410176	-.034228	-.001403	30.50275	.2301552
Stddev	.0022363	.0030669	.0033694	.003678	.001488	.06576	.0009762
%RSD	7.514601	10.22656	.9880301	10.74451	106.0593	.2155843	.4241438
#1	.0313337	.0318019	.3405754	-.030173	.000134	30.43418	.2298200
#2	.0271997	.0317182	.3445862	-.035163	-.002836	30.56528	.2312548
#3	.0307452	.0264485	.3378912	-.037348	-.001506	30.50879	.2293908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026587	.0035780	473.5181	.0485182	.0765003	.2127033	80.64724
Stddev	.0000358	.0001513	.9873	.0011876	.0009623	.0036917	.41510
%RSD	1.346236	4.227336	.2085097	2.447639	1.257892	1.735620	.5147147
#1	.0026195	.0037233	472.6556	.0498350	.0769571	.2124473	80.41165
#2	.0026897	.0035894	474.5950	.0481909	.0771491	.2091462	81.12654
#3	.0026670	.0034214	473.3036	.0475286	.0753947	.2165163	80.40353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.224005	240.2004	.0843688	-.005399	.2172202	.0687989	1.000923
Stddev	.017958	.6305	.0010232	.001379	.3567049	.0105293	.021065
%RSD	.3437567	.2624706	1.212773	25.54262	164.2135	15.30451	2.104529
#1	5.219440	239.9528	.0848258	-.005721	.6289788	.0594091	.981008
#2	5.243805	240.9170	.0850839	-.003887	.0024233	.0801826	1.022975
#3	5.208771	239.7313	.0831967	-.006588	.0202585	.0668051	.998786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.305317	3.666599	.0034735	.0003910	5.896945	5.268965	.0510579
Stddev	.127112	.025357	.0026349	.0011128	.027572	.018794	.0004731
%RSD	2.952433	.6915737	75.85559	284.6291	.4675622	.3566964	.9265461
#1	4.259339	3.664378	.0054530	.0006807	5.893401	5.290308	.0513559
#2	4.207592	3.692994	.0004828	.0013303	5.926118	5.254890	.0505124
#3	4.449020	3.642425	.0044848	-.000838	5.871316	5.261698	.0513054

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-16DLX2 Acquired: 12/15/2024 21:17:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4652477	.1834826	.0950161
Stddev	.0048937	.0007236	.0095458
%RSD	1.051860	.3943467	10.04656
#1	.4611585	.1826530	.0840077
#2	.4639148	.1839830	.1000355
#3	.4706698	.1838118	.1010050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.925	28372.99	2722.490	1960.053	2740.746
Stddev	18.738	101.76	14.993	5.298	25.985
%RSD	.8025132	.3586340	.5507060	.2702760	.9481089
#1	2323.388	28285.54	2706.679	1956.485	2727.008
#2	2324.841	28348.76	2724.289	1957.535	2724.514
#3	2356.545	28484.68	2736.503	1966.140	2770.717

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-17DLX2 Acquired: 12/15/2024 21:20:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0338592**	**.0371370**	**.3492438**	**-.038439**	**-.006058**	**24.48916**	**.2879846**
Stddev	.0030114	.0027544	.0026113	.005115	.000202	.01877	.0007941
%RSD	8.893833	7.416992	.7477025	13.30620	3.331419	.0766394	.2757560
#1	.0318033	.0342256	.3521772	-.032865	-.006236	24.50826	.2871448
#2	.0324585	.0397017	.3471725	-.039535	-.006099	24.47074	.2887233
#3	.0373158	.0374836	.3483818	-.042917	-.005838	24.48847	.2880857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023460**	**.0039042**	**519.9678**	**.0397905**	**.0714086**	**.2077445**	**73.20489**
Stddev	.0000969	.0000914	1.0433	.0002351	.0010668	.0076286	.12310
%RSD	4.131271	2.341834	.2006406	.5908094	1.493980	3.672119	.1681630
#1	.0024099	.0038546	520.9416	.0397373	.0720668	.2043992	73.14882
#2	.0022345	.0040097	520.0952	.0395866	.0701777	.2164742	73.11980
#3	.0023935	.0038484	518.8667	.0400477	.0719812	.2023600	73.34605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.347053**	**212.2195**	**.0681719**	**-.003727**	**.3066823**	**.0445897**	**.8020178**
Stddev	.005065	.5509	.0016942	.000275	.2672321	.0102943	.0098196
%RSD	.0689324	.2595919	2.485148	7.369601	87.13647	23.08662	1.224361
#1	7.348670	211.8243	.0689245	-.004028	.5625018	.0483424	.7906968
#2	7.341377	212.8488	.0662318	-.003489	.3282057	.0524812	.8082266
#3	7.351111	211.9853	.0693593	-.003666	.0293393	.0329456	.8071299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.727034**	**3.018301**	**.0057559**	**.0027620**	**5.155362**	**5.571264**	**.0361370**
Stddev	.051348	.010304	.0011436	.0009676	.030186	.022151	.0013443
%RSD	1.377728	.3413905	19.86826	35.03331	.5855189	.3975961	3.719925
#1	3.759551	3.025494	.0045111	.0038213	5.184649	5.596680	.0372389
#2	3.753714	3.006496	.0059966	.0025400	5.124351	5.561040	.0346392
#3	3.667838	3.022913	.0067600	.0019247	5.157087	5.556070	.0365328

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-17DLX2 Acquired: 12/15/2024 21:20:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3891914	.2417569	.0764354
Stddev	.0021508	.0001200	.0039493
%RSD	.5526236	.0496537	5.166793
#1	.3870069	.2417101	.0788622
#2	.3913068	.2416674	.0785655
#3	.3892606	.2418934	.0718784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.488	28414.94	2730.469	1963.656	2725.288
Stddev	11.087	117.97	1.826	7.358	13.398
%RSD	.4777846	.4151703	.0668924	.3746944	.4916332
#1	2307.763	28539.52	2732.563	1970.074	2710.006
#2	2328.067	28304.93	2729.637	1965.268	2735.017
#3	2325.633	28400.35	2729.206	1955.626	2730.841

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-18DLX2 Acquired: 12/15/2024 21:24:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221393	.0355520	.2640538	-.038056	-.010303	19.76469	.2110878
Stddev	.0014978	.0039507	.0023342	.001422	.003217	.48789	.0059419
%RSD	6.765478	11.11234	.8839674	3.737607	31.22950	2.468501	2.814900
#1	.0227865	.0382471	.2667324	-.036652	-.006588	19.51074	.2091576
#2	.0232047	.0373920	.2624552	-.038020	-.012110	19.45615	.2063510
#3	.0204267	.0310170	.2629740	-.039496	-.012211	20.32717	.2177549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018489	.0035555	696.3931	.0322994	.0725705	.1611303	61.01246
Stddev	.0001645	.0001335	16.8312	.0013351	.0005839	.0040626	1.59301
%RSD	8.898665	3.754933	2.416912	4.133603	.8046361	2.521294	2.610952
#1	.0020284	.0036938	688.5748	.0307578	.0719396	.1577783	60.42308
#2	.0017052	.0035454	684.8929	.0330688	.0726801	.1599643	59.79814
#3	.0018132	.0034274	715.7115	.0330717	.0730919	.1656484	62.81617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.581515	195.5201	.0557085	-.002541	.6159183	.0469973	.6411588
Stddev	.174674	5.2661	.0009089	.001462	.3715561	.0040896	.0101656
%RSD	2.654013	2.693356	1.631526	57.54089	60.32556	8.701835	1.585511
#1	6.498242	193.1771	.0555709	-.002476	.7513809	.0434829	.6521187
#2	6.464060	191.8322	.0566783	-.004036	.1956372	.0514861	.6393189
#3	6.782244	201.5510	.0548762	-.001113	.9007368	.0460228	.6320387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.270705	2.673599	.0080858	.0000275	4.562983	5.596705	.0302364
Stddev	.304582	.015881	.0007859	.0001204	.036732	.072352	.0007329
%RSD	9.312415	.5939924	9.719390	437.4912	.8050050	1.292768	2.423943
#1	3.441659	2.662564	.0072599	-.000085	4.545689	5.563691	.0301892
#2	2.919050	2.666431	.0088243	.000014	4.538090	5.546748	.0295282
#3	3.451408	2.691800	.0081732	.000154	4.605170	5.679676	.0309918

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-18DLX2 Acquired: 12/15/2024 21:24:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2984526	.4113893	.0776642
Stddev	.0076124	.0108994	.0071954
%RSD	2.550626	2.649410	9.264768
#1	.2937722	.4066872	.0834452
#2	.2943492	.4036303	.0696056
#3	.3072363	.4238505	.0799418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.853	27802.41	2671.994	1919.379	2701.220
Stddev	1.922	44.77	30.709	5.669	5.098
%RSD	.0841394	.1610388	1.149279	.2953804	.1887191
#1	2282.900	27852.61	2691.098	1915.443	2703.369
#2	2286.064	27766.61	2688.313	1916.817	2704.890
#3	2282.593	27788.01	2636.571	1925.877	2695.399

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-19DLX2 Acquired: 12/15/2024 21:28:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0132869**	**.0398955**	**.1774766**	**-.052877**	**-.014917**	**11.78889**
Stddev	.0016784	.0030488	.0004674	.003383	.001735	.03511
%RSD	12.63201	7.641948	.2633791	6.398086	11.62893	.2978648
#1	.0147311	.0417535	.1771118	-.048971	-.016870	11.75039
#2	.0136839	.0363769	.1780035	-.054850	-.013554	11.81915
#3	.0114456	.0415562	.1773145	-.054812	-.014329	11.79712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1583060**	**.0012353**	**.0024406**	F **1096.355**	**.0238330**	**.0652124**
Stddev	.0005766	.0000328	.0001752	.947	.0013873	.0010976
%RSD	.3642155	2.654045	7.178315	.0863701	5.820992	1.683043
#1	.1587233	.0012251	.0026422	1095.284	.0222321	.0661547
#2	.1585465	.0012720	.0023250	1096.702	.0245831	.0640073
#3	.1576481	.0012089	.0023547	1097.081	.0246838	.0654752

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0923648**	**46.00250**	**6.191442**	**162.9406**	**.0415248**	**-.002130**
Stddev	.0148282	.09155	.005512	.2523	.0013925	.000719
%RSD	16.05399	.1990208	.0890332	.1548415	3.353365	33.74527
#1	.1060739	46.09368	6.192153	162.6890	.0430729	-.002864
#2	.0766264	45.91057	6.185609	163.1936	.0411270	-.001427
#3	.0943939	46.00326	6.196565	162.9391	.0403746	-.002099

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.503262**	**.0305215**	**.3508125**	**2.686316**	**1.692524**	**.0149101**
Stddev	.462104	.0195509	.0115603	.052689	.005529	.0020584
%RSD	91.82190	64.05609	3.295287	1.961380	.3266596	13.80559
#1	-.134421	.0385233	.3636490	2.627161	1.691274	.0165460
#2	-1.02161	.0082390	.3475659	2.703580	1.687726	.0155854
#3	-.35375	.0448021	.3412226	2.728207	1.698570	.0125988

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-19DLX2 Acquired: 12/15/2024 21:28:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001239	4.082717	5.039142	.0172779	.1599805	.7181503
Stddev	.000772	.006332	.033197	.0021034	.0029047	.0014786
%RSD	62.35951	.1551001	.6587928	12.17383	1.815668	.2058942
#1	-.001934	4.083232	5.001908	.0195123	.1578539	.7174789
#2	-.000407	4.088776	5.049866	.0153362	.1632901	.7198455
#3	-.001375	4.076143	5.065652	.0169851	.1587976	.7171265

Elem	Li6707
Units	ppm
Avg	.0970685
Stddev	.0032188
%RSD	3.316029
#1	.0982917
#2	.0934174
#3	.0994964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.590	26955.50	2643.375	1863.496	2634.603
Stddev	10.549	141.73	24.502	5.706	7.434
%RSD	.4763429	.5257951	.9269102	.3061820	.2821727
#1	2206.386	26832.87	2661.980	1857.039	2631.103
#2	2226.489	26922.96	2652.532	1865.588	2643.141
#3	2210.894	27110.67	2615.614	1867.860	2629.564

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-20DLX2 Acquired: 12/15/2024 21:32:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086523	.0465344	.0882974	-.059966	-.017646	9.909132
Stddev	.0041593	.0036020	.0025939	.004825	.000921	.294606
%RSD	48.07139	7.740506	2.937686	8.046025	5.218727	2.973077
#1	.0044235	.0460611	.0912143	-.064537	-.017282	9.624748
#2	.0087950	.0431924	.0874280	-.054922	-.018693	9.889654
#3	.0127383	.0503496	.0862499	-.060440	-.016962	10.21299

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1308099	.0009467	.0015616	F 1576.695	.0184884	.0661676
Stddev	.0036686	.0000921	.0001988	35.801	.0010733	.0015613
%RSD	2.804560	9.732117	12.72842	2.270643	5.805211	2.359564
#1	.1286145	.0008664	.0016973	1538.246	.0197276	.0655828
#2	.1287701	.0009264	.0013334	1582.767	.0178787	.0649832
#3	.1350451	.0010473	.0016540	1609.072	.0178587	.0679368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663198	36.91381	7.016790	100.9165	.0334158	-.001396
Stddev	.0031045	1.01282	.185671	2.3469	.0006762	.000778
%RSD	4.681051	2.743753	2.646100	2.325570	2.023658	55.70023
#1	.0683908	36.04839	6.854538	98.8430	.0341758	-.000681
#2	.0627503	36.66527	6.976552	100.4423	.0331910	-.002224
#3	.0678182	38.02777	7.219282	103.4643	.0328807	-.001283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054643	.0246809	.2001928	2.395266	1.668662	.0168628
Stddev	.810493	.0061438	.0147733	.221870	.029789	.0011355
%RSD	1483.260	24.89306	7.379561	9.262841	1.785186	6.733757
#1	-.059404	.0213105	.2087750	2.139524	1.702800	.0156146
#2	.758220	.0317723	.2086694	2.536307	1.647946	.0178346
#3	-.862744	.0209600	.1831341	2.509966	1.655238	.0171392

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-20DLX2 Acquired: 12/15/2024 21:32:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001872**	**1.935950**	**5.178247**	**.0124666**	**.1339045**	**1.186172**
Stddev	.000542	.017197	.088565	.0009585	.0151016	.030897
%RSD	28.96738	.8882748	1.710335	7.688160	11.27790	2.604750
#1	-.001641	1.955171	5.101646	.0130235	.1284204	1.159664
#2	-.002491	1.922023	5.157871	.0113598	.1223113	1.178747
#3	-.001483	1.930657	5.275225	.0130164	.1509819	1.220105

Elem	Li6707
Units	ppm
Avg	**.1257734**
Stddev	.0041287
%RSD	3.282618
#1	.1288580
#2	.1210831
#3	.1273792

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2186.134**	**26727.40**	**2590.140**	**1845.541**	**2587.228**
Stddev	23.247	612.40	71.599	40.100	29.351
%RSD	1.063381	2.291292	2.764291	2.172819	1.134468
#1	2161.016	26471.75	2662.926	1830.824	2556.116
#2	2206.892	26284.23	2587.703	1814.879	2614.426
#3	2190.494	27426.20	2519.790	1890.921	2591.143

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-01DL2X4 Acquired: 12/15/2024 21:36:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154637	.0615803	.1113626	.0230829	.0832724	36.16352
Stddev	.0051109	.0026832	.0007777	.0038487	.0016805	.01870
%RSD	33.05112	4.357151	.6983804	16.67356	2.018054	.0516985
#1	.0197933	.0590150	.1107708	.0232286	.0843778	36.14266
#2	.0098258	.0643675	.1122435	.0191633	.0813386	36.16912
#3	.0167720	.0613585	.1110735	.0268567	.0841010	36.17877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2435292	.0027320	.0032455	574.3059	3.030765	.0591463
Stddev	.0001489	.0001547	.0001743	.9559	.007558	.0001444
%RSD	.0611633	5.664362	5.371881	.1664447	.2493814	.2440636
#1	.2436150	.0029070	.0031289	575.2287	3.038366	.0592589
#2	.2433572	.0026131	.0031616	574.3691	3.030678	.0589835
#3	.2436154	.0026760	.0034459	573.3200	3.023250	.0591964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023514	384.2489	F 62.47123	101.5394	.1013039	-.019371
Stddev	.007166	.3197	.08954	.1588	.0012171	.002145
%RSD	30.47442	.0831960	.1433269	.1564054	1.201458	11.07346
#1	-.031789	384.5495	62.54733	101.4806	.1025954	-.018080
#2	-.019401	384.2842	62.49380	101.7192	.1001781	-.018185
#3	-.019353	383.9131	62.37257	101.4183	.1011381	-.021847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.975697	1.257742	.1105162	1.024465	6.762169	.0536745
Stddev	.653590	.003314	.0109481	.163306	.017250	.0023769
%RSD	66.98702	.2634705	9.906287	15.94062	.2550994	4.428434
#1	-.529261	1.255175	.1118061	1.197432	6.767156	.0525358
#2	-1.72589	1.256567	.1207621	1.003024	6.742975	.0564066
#3	-.67194	1.261483	.0989803	.872938	6.776377	.0520812

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-01DL2X4 Acquired: 12/15/2024 21:36:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076049	13.99688	3.008135	.0473794	5.705299	.2562710
Stddev	.0003178	.04680	.016364	.0020530	.006725	.0002742
%RSD	4.178371	.3343706	.5440050	4.333165	.1178665	.1069821
#1	.0073087	14.00955	3.026059	.0496757	5.709207	.2561159
#2	.0079405	13.94505	3.004351	.0467414	5.697534	.2561095
#3	.0075656	14.03604	2.993993	.0457211	5.709156	.2565875

Elem	Li6707
Units	ppm
Avg	.0751895
Stddev	.0064230
%RSD	8.542454
#1	.0810795
#2	.0683411
#3	.0761478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.866	27019.22	2576.090	1854.170	2801.730
Stddev	7.322	81.81	5.773	9.029	10.644
%RSD	.3360559	.3028001	.2241154	.4869777	.3799077
#1	2172.405	27113.57	2571.772	1863.084	2791.985
#2	2177.373	26967.89	2573.850	1854.396	2800.117
#3	2186.819	26976.20	2582.648	1845.030	2813.088

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-02DL2X4 Acquired: 12/15/2024 21:40:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0202559**	**.0557880**	**.1546441**	**.0101401**	**.0888910**	**37.33077**
Stddev	.0038665	.0024804	.0025922	.0030418	.0021744	.12339
%RSD	19.08799	4.446041	1.676254	29.99788	2.446168	.3305381
#1	.0247171	.0574790	.1574040	.0135848	.0905304	37.26883
#2	.0181760	.0569443	.1522607	.0078234	.0897181	37.25061
#3	.0178747	.0529406	.1542677	.0090121	.0864243	37.47286

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3590520**	**.0056093**	**.0037887**	**537.5501**	**3.239288**	**.0607322**
Stddev	.0007514	.0001631	.0001532	.5640	.010398	.0005409
%RSD	.2092754	2.906865	4.044784	.1049139	.3209994	.8906946
#1	.3590380	.0056936	.0037832	537.9071	3.248688	.0602098
#2	.3583076	.0057131	.0036383	536.8999	3.228119	.0606969
#3	.3598103	.0054214	.0039446	537.8433	3.241056	.0612900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0090197**	**388.9201**	F **48.78513**	**98.31202**	**.2806338**	**-.022904**
Stddev	.0032126	1.0989	.17394	.49826	.0014618	.000350
%RSD	35.61779	.2825534	.3565387	.5068109	.5209012	1.528837
#1	.0118412	389.3506	48.78618	98.57321	.2799975	-.023174
#2	.0096946	387.6711	48.61068	97.73748	.2795979	-.022508
#3	.0055232	389.7386	48.95855	98.62538	.2823060	-.023030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007103**	**.4947566**	**.0996678**	**1.835308**	**4.178123**	**.1997921**
Stddev	.380298	.0042649	.0074285	.223301	.013808	.0061263
%RSD	5354.338	.8620233	7.453293	12.16695	.3304943	3.066335
#1	.431842	.4978335	.0942295	1.587657	4.182870	.2037227
#2	-.215521	.4898881	.0966423	1.896963	4.162567	.1927332
#3	-.237629	.4965481	.1081317	2.021303	4.188932	.2029203

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5067-02DL2X4 Acquired: 12/15/2024 21:40:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157869	20.86824	2.706659	.0442999	4.013454	.0192318
Stddev	.0002031	.08395	.014892	.0002086	.016724	.0009086
%RSD	1.286519	.4022856	.5502157	.4707901	.4166915	4.724545
#1	.0158773	20.80839	2.721680	.0440705	4.000838	.0182368
#2	.0159291	20.83211	2.706399	.0444780	4.007102	.0194411
#3	.0155543	20.96420	2.691899	.0443514	4.032423	.0200175

Elem	Li6707
Units	ppm
Avg	.0752911
Stddev	.0045787
%RSD	6.081361
#1	.0799196
#2	.0751898
#3	.0707638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.532	27320.44	2600.842	1868.103	2810.075
Stddev	7.532	151.99	12.792	14.542	6.701
%RSD	.3414896	.5563380	.4918599	.7784410	.2384716
#1	2213.206	27379.72	2587.479	1873.826	2817.803
#2	2198.151	27433.87	2612.976	1878.913	2805.865
#3	2205.240	27147.74	2602.070	1851.570	2806.558

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-01 Acquired: 12/15/2024 21:43:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1190927**	**.0243508**	**1.843823**	**-.007526**	**.0212991**	**59.13876**	**1.377927**
Stddev	.0007915	.0016289	.001243	.001079	.0044523	.01890	.001421
%RSD	.6645960	6.689491	.0674278	14.33722	20.90353	.0319661	.1031500
#1	.1181822	.0225329	1.844021	-.008290	.0210178	59.13109	1.376552
#2	.1194795	.0256780	1.844956	-.006292	.0169942	59.16029	1.377838
#3	.1196165	.0248414	1.842493	-.007997	.0258854	59.12489	1.379391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0058331**	**.0075601**	**118.5651**	**.0975929**	**.1077438**	**.4462729**	**152.9786**
Stddev	.0000747	.0000613	.3452	.0008042	.0000531	.0080399	.0560
%RSD	1.281105	.8107310	.2911119	.8240027	.0492598	1.801563	.0365924
#1	.0057610	.0076227	118.1788	.0967323	.1078014	.4413009	152.9427
#2	.0059102	.0075576	118.6733	.0977212	.1077331	.4555486	153.0431
#3	.0058282	.0075002	118.8432	.0983252	.1076968	.4419693	152.9500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.75614**	**30.00425**	**.1487411**	**-.006836**	**-.432051**	**.1348857**	**1.343453**
Stddev	.01812	.04839	.0011642	.000152	.301326	.0072658	.015867
%RSD	.1541210	.1612780	.7827025	2.225803	69.74317	5.386664	1.181051
#1	11.73534	30.04139	.1492995	-.007002	-.710398	.1431981	1.361649
#2	11.76847	29.94953	.1474029	-.006704	-.473681	.1317141	1.332499
#3	11.76461	30.02184	.1495209	-.006800	-.112075	.1297447	1.336212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.966787**	**6.715980**	**-.011438**	**.0064469**	**1.992732**	**9.199033**	**.0954404**
Stddev	.105556	.003634	.001005	.0005346	.008990	.044892	.0010254
%RSD	1.515136	.0541165	8.782856	8.292005	.4511257	.4880064	1.074434
#1	7.041149	6.716557	-.011664	.0069599	1.992471	9.147803	.0943602
#2	7.013240	6.712091	-.012311	.0058931	2.001849	9.217800	.0955607
#3	6.845970	6.719291	-.010340	.0064877	1.983875	9.231496	.0964005

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-01 Acquired: 12/15/2024 21:43:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7027585	.8730734	.0927989
Stddev	.0048485	.0013027	.0104031
%RSD	.6899254	.1492084	11.21041
#1	.7076966	.8716670	.0834282
#2	.6980049	.8742386	.1039933
#3	.7025741	.8733146	.0909752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.597	32023.61	2994.793	2224.559	3083.150
Stddev	10.010	72.54	4.229	11.143	12.355
%RSD	.3785000	.2265186	.1412223	.5009137	.4007191
#1	2649.708	31941.43	2993.926	2212.153	3089.612
#2	2651.020	32078.75	2991.065	2233.717	3090.935
#3	2633.064	32050.63	2999.389	2227.808	3068.905

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-02 Acquired: 12/15/2024 21:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1170612**	**.0261529**	**1.766841**	**-.005412**	**.0203541**	**56.25931**	**1.310562**
Stddev	.0041464	.0019868	.004810	.001539	.0016525	1.73157	.036801
%RSD	3.542061	7.596883	.2722534	28.44439	8.118906	3.077841	2.807997
#1	.1205719	.0249295	1.766471	-.006996	.0187596	56.77822	1.323661
#2	.1124865	.0284453	1.762226	-.003922	.0202437	54.32761	1.269004
#3	.1181253	.0250839	1.771825	-.005316	.0220591	57.67209	1.339020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057635**	**.0072474**	**113.2954**	**.0941150**	**.1040463**	**.4195882**	**145.1803**
Stddev	.0002147	.0000765	3.5562	.0007679	.0001142	.0048560	4.3604
%RSD	3.724213	1.055234	3.138858	.8158854	.1097309	1.157335	3.003457
#1	.0059833	.0072253	114.6192	.0949597	.1040817	.4202353	146.4006
#2	.0055544	.0073325	109.2672	.0934592	.1041386	.4144411	140.3397
#3	.0057528	.0071844	115.9999	.0939261	.1039186	.4240883	148.8006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.17268**	**28.50734**	**.1417408**	**-.006551**	**-.149045**	**.1360629**	**1.258138**
Stddev	.33675	.90763	.0007876	.001529	.584036	.0063897	.005541
%RSD	3.014013	3.183838	.5556657	23.33204	391.8522	4.696157	.4404357
#1	11.29806	28.86779	.1426455	-.005500	.017388	.1415462	1.253706
#2	10.79123	27.47485	.1412083	-.008305	-.798233	.1290459	1.264350
#3	11.42874	29.17937	.1413685	-.005849	.333710	.1375966	1.256356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.157401**	**6.431316**	**-.014115**	**.0063646**	**1.911635**	**8.850413**	**.0898628**
Stddev	.311583	.010884	.001039	.0004559	.011056	.217372	.0011642
%RSD	5.060301	.1692404	7.361869	7.163183	.5783746	2.456063	1.295536
#1	6.204814	6.435062	-.013084	.0058437	1.908410	8.859573	.0895583
#2	5.824829	6.419053	-.015162	.0065593	1.902550	8.628607	.0888812
#3	6.442560	6.439833	-.014099	.0066908	1.923946	9.063060	.0911490

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-02 Acquired: 12/15/2024 21:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6648185	.8276850	.0830485
Stddev	.0155251	.0236325	.0047897
%RSD	2.335236	2.855253	5.767343
#1	.6671408	.8344633	.0825860
#2	.6482632	.8014041	.0785069
#3	.6790517	.8471877	.0880527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.491	33415.77	3144.182	2320.029	3210.643
Stddev	6.867	114.34	80.627	7.861	5.095
%RSD	.2508410	.3421638	2.564332	.3388187	.1587013
#1	2738.186	33547.68	3147.564	2326.518	3209.052
#2	2743.984	33344.96	3223.064	2322.282	3216.344
#3	2730.303	33354.68	3061.916	2311.288	3206.533

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-01LX5 Acquired: 12/15/2024 21:51:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252251	.0077220	.3644057	-.008765	.0005787	12.81544	.3016891
Stddev	.0020791	.0026137	.0017880	.004438	.0018799	.08969	.0023782
%RSD	8.242345	33.84693	.4906478	50.63054	324.8845	.6998549	.7882980
#1	.0247177	.0051950	.3632602	-.012092	-.001183	12.73330	.2992952
#2	.0234467	.0075566	.3634908	-.010477	.002558	12.91114	.3040513
#3	.0275111	.0104145	.3664659	-.003726	.000361	12.80187	.3017209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013905	.0014716	26.23298	.0214592	.0286443	.1071812	33.51475
Stddev	.0001141	.0000942	.23516	.0005368	.0002036	.0039869	.25375
%RSD	8.207136	6.403738	.8964358	2.501701	.7107220	3.719740	.7571246
#1	.0012599	.0015174	26.09986	.0210030	.0286700	.1105597	33.23917
#2	.0014713	.0013632	26.50451	.0213239	.0284291	.1027837	33.73874
#3	.0014402	.0015342	26.09458	.0220508	.0288338	.1082001	33.56633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.586531	6.636249	.0275573	-.001805	-.587829	.0212835	.2742892
Stddev	.020727	.031234	.0011280	.000978	.875204	.0106302	.0091336
%RSD	.8013424	.4706559	4.093202	54.19241	148.8876	49.94557	3.329914
#1	2.568250	6.672222	.0285834	-.000822	.277790	.0334181	.2676917
#2	2.609049	6.620504	.0263495	-.001814	-.568963	.0136145	.2704622
#3	2.582295	6.616022	.0277391	-.002778	-1.47231	.0168181	.2847138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.610747	1.300994	-.007179	.0008699	.3874219	2.069234	.0169380
Stddev	.040501	.003159	.001646	.0002412	.0064726	.030895	.0011497
%RSD	2.514406	.2428368	22.93193	27.72448	1.670675	1.493077	6.787494
#1	1.575342	1.297346	-.007974	.0006911	.3802726	2.078307	.0165063
#2	1.601987	1.302812	-.005286	.0007745	.3928834	2.094577	.0160667
#3	1.654910	1.302823	-.008278	.0011442	.3891095	2.034818	.0182410

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-01LX5 Acquired: 12/15/2024 21:51:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1535234	.1907241	.0203277
Stddev	.0040388	.0016721	.0026262
%RSD	2.630738	.8766925	12.91944
#1	.1553340	.1895418	.0190363
#2	.1563401	.1926372	.0233495
#3	.1488961	.1899935	.0185971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.095	30002.79	2762.203	2086.497	3288.981
Stddev	8.278	126.82	31.859	2.687	4.696
%RSD	.3354012	.4226986	1.153408	.1287958	.1427867
#1	2460.129	29925.01	2752.063	2086.006	3283.795
#2	2476.653	30149.14	2736.648	2089.396	3292.948
#3	2467.501	29934.23	2797.898	2084.089	3290.199

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-03 Acquired: 12/15/2024 21:55:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2056720	.1178382	1.854045	.1448745	.1678452	61.21074	4.893396
Stddev	.0042102	.0024949	.001641	.0052575	.0033333	.04955	.010023
%RSD	2.047062	2.117262	.0885067	3.628985	1.985952	.0809518	.2048191
#1	.2052639	.1206992	1.852293	.1418348	.1668929	61.15573	4.885932
#2	.2100714	.1161144	1.855546	.1418434	.1650917	61.25187	4.904788
#3	.2016807	.1167012	1.854296	.1509453	.1715511	61.22462	4.889470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904704	.1001890	117.3798	.4571447	1.034341	.8632369	151.8746
Stddev	.0004803	.0004441	.1611	.0028842	.004296	.0090093	.3701
%RSD	.5309504	.4432190	.1372145	.6309131	.4153099	1.043668	.2436711
#1	.0907251	.1000968	117.4109	.4587260	1.033355	.8640513	151.4593
#2	.0907698	.0997982	117.5231	.4588923	1.030624	.8538480	152.1694
#3	.0899163	.1006719	117.2055	.4538157	1.039044	.8718113	151.9950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.44834	29.37209	1.102597	.0623695	-.071919	1.035644	2.051518
Stddev	.01630	.12111	.003344	.0002777	.568302	.002699	.024412
%RSD	.1309485	.4123192	.3033092	.4452256	790.1966	.2606324	1.189933
#1	12.43565	29.25234	1.100172	.0625922	.551621	1.032527	2.028245
#2	12.46673	29.36941	1.101208	.0624579	-.560792	1.037236	2.049381
#3	12.44265	29.49451	1.106412	.0620584	-.206585	1.037168	2.076928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.624484	6.633920	-.020206	.0066167	1.968578	9.050151	.0944339
Stddev	.073084	.013029	.003510	.0002764	.002969	.054864	.0006583
%RSD	1.103241	.1964072	17.37167	4.177622	.1508067	.6062165	.6971364
#1	6.629600	6.621852	-.023004	.0069356	1.968559	9.088931	.0942154
#2	6.694876	6.632172	-.016267	.0064460	1.965619	9.074144	.0951737
#3	6.548977	6.647735	-.021346	.0064684	1.971556	8.987378	.0939126

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5042-03 Acquired: 12/15/2024 21:55:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6842702	.8557732	.0891883
Stddev	.0033917	.0003316	.0044358
%RSD	.4956733	.0387472	4.973553
#1	.6808529	.8559551	.0846572
#2	.6876358	.8559740	.0935223
#3	.6843218	.8553905	.0893855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.856	32514.58	3053.283	2262.346	3131.125
Stddev	20.672	6.06	11.632	5.931	22.546
%RSD	.7739794	.0186224	.3809618	.2621432	.7200631
#1	2659.756	32511.59	3046.068	2269.164	3118.953
#2	2694.706	32510.61	3047.080	2259.498	3157.141
#3	2658.104	32521.55	3066.702	2258.376	3117.280

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-04DL2X4 Acquired: 12/15/2024 21:59:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036892**	**.0304847**	**.2623331**	**-.042016**	**-.011792**	**6.605498**	**.1090108**
Stddev	.0073958	.0032670	.0004848	.001956	.001942	.056683	.0010811
%RSD	200.4727	10.71691	.1848041	4.656556	16.47269	.8581189	.9917519
#1	.0110070	.0341935	.2623729	-.043310	-.009695	6.670944	.1100315
#2	.0038429	.0292279	.2618296	-.039765	-.012152	6.571984	.1078780
#3	-.003782	.0280327	.2627967	-.042971	-.013529	6.573568	.1091229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007772**	**.0024354**	**403.6153**	**.0212796**	**.0446603**	**.0609452**	**29.50341**
Stddev	.0000592	.0000389	1.0157	.0003378	.0005316	.0114708	.22971
%RSD	7.611741	1.598498	.2516538	1.587511	1.190242	18.82144	.7785778
#1	.0008148	.0024249	404.6066	.0216440	.0450653	.0650746	29.71941
#2	.0008079	.0024785	402.5768	.0212180	.0440584	.0479815	29.52872
#3	.0007090	.0024028	403.6626	.0209768	.0448573	.0697796	29.26209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.766158**	**205.8166**	**.0321236**	**-.000739**	**-.655124**	**.0224055**	**.4639165**
Stddev	.011090	.4472	.0005034	.000876	.120777	.0034044	.0047010
%RSD	.4009307	.2172995	1.567039	118.5164	18.43579	15.19459	1.013330
#1	2.774036	206.2692	.0326142	-.000719	-.787967	.0185363	.4620937
#2	2.770963	205.8059	.0316084	-.001625	-.625470	.0249419	.4603999
#3	2.753475	205.3749	.0321483	.000127	-.551936	.0237383	.4692560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.895340**	**1.224160**	**.0169330**	**.0005770**	**3.892602**	**2.530785**	**.0150466**
Stddev	.095294	.003571	.0007162	.0004915	.023039	.028025	.0010530
%RSD	5.027825	.2917461	4.229496	85.18982	.5918628	1.107357	6.998161
#1	1.959021	1.225346	.0169086	.0000545	3.917312	2.536697	.0139909
#2	1.785785	1.220146	.0176611	.0010302	3.871711	2.555382	.0160968
#3	1.941215	1.226987	.0162294	.0006462	3.888785	2.500276	.0150519

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-04DL2X4 Acquired: 12/15/2024 21:59:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1285524	.1360887	.0478818
Stddev	.0032542	.0004214	.0076228
%RSD	2.531391	.3096198	15.92013
#1	.1318074	.1363983	.0566683
#2	.1285508	.1362590	.0439433
#3	.1252991	.1356089	.0430340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.411	27099.37	2594.748	1868.526	2793.441
Stddev	2.876	18.56	22.166	6.734	2.093
%RSD	.1298903	.0685070	.8542812	.3603696	.0749087
#1	2211.101	27083.06	2591.484	1871.677	2792.095
#2	2215.828	27119.58	2574.394	1873.107	2792.378
#3	2216.304	27095.49	2618.365	1860.795	2795.852

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-06DL2X4 Acquired: 12/15/2024 22:03:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103291	.0339233	.1756052	-.050252	-.015650	4.464836	.0555242
Stddev	.0033107	.0032182	.0012095	.009174	.001351	.015176	.0013516
%RSD	32.05203	9.486617	.6887466	18.25645	8.630364	.3398979	2.434257
#1	.0124283	.0333783	.1758187	-.060834	-.017202	4.458723	.0542155
#2	.0065126	.0373791	.1743032	-.045386	-.014744	4.482115	.0569149
#3	.0120464	.0310124	.1766937	-.044536	-.015003	4.453671	.0554424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007106	.0016899	557.0103	.0152043	.0475314	.0170951	29.34283
Stddev	.0000733	.0000562	2.4023	.0006430	.0011785	.0088171	.05319
%RSD	10.31323	3.325493	.4312909	4.228857	2.479321	51.57673	.1812811
#1	.0006261	.0017534	555.6857	.0158346	.0467764	.0120020	29.31694
#2	.0007497	.0016697	559.7833	.0152289	.0469285	.0120072	29.40402
#3	.0007561	.0016466	555.5618	.0145494	.0488893	.0272762	29.30754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.101299	300.3382	.0225673	-.000029	.1282846	.0121290	.2774852
Stddev	.003999	.5096	.0001517	.000964	.8967710	.0070624	.0104222
%RSD	.1289456	.1696670	.6721603	3277.456	699.0480	58.22763	3.755951
#1	3.102542	300.5135	.0226653	.000434	-.807998	.0118975	.2669746
#2	3.096826	300.7369	.0223925	-.001138	.979479	.0193043	.2776645
#3	3.104529	299.7641	.0226440	.000616	.213373	.0051851	.2878167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.445564	.5125791	.0194069	-.000553	6.820787	2.314011	.0076313
Stddev	.116468	.0019369	.0008499	.000827	.018994	.018983	.0011336
%RSD	4.762427	.3778771	4.379509	149.5687	.2784655	.8203319	14.85393
#1	2.566093	.5103544	.0192733	-.000529	6.834887	2.334994	.0076403
#2	2.333634	.5134923	.0186317	.000262	6.799189	2.309010	.0064932
#3	2.436965	.5138906	.0203157	-.001391	6.828285	2.298031	.0087603

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4964-06DL2X4 Acquired: 12/15/2024 22:03:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0380161	.1684602	.0537177
Stddev	.0057698	.0005071	.0048637
%RSD	15.17718	.3010419	9.054195
#1	.0322803	.1682364	.0482017
#2	.0379488	.1690407	.0573902
#3	.0438192	.1681034	.0555611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.426	26495.13	2557.395	1819.291	2706.871
Stddev	13.204	46.35	17.714	7.306	17.780
%RSD	.6091871	.1749440	.6926647	.4016098	.6568491
#1	2182.659	26517.76	2539.901	1810.855	2727.387
#2	2159.267	26441.81	2556.962	1823.547	2697.299
#3	2160.352	26525.81	2575.321	1823.472	2695.928

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-04DL2X4 Acquired: 12/15/2024 22:07:08 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0142108**	**.0326972**	**.0966299**	**-.041797**	**-.008824**	**8.859753**	**.1712202**
Stddev	.0066903	.0034915	.0014367	.003568	.001427	.323856	.0057294
%RSD	47.07911	10.67816	1.486762	8.537646	16.16718	3.655356	3.346235
#1	.0211493	.0346271	.0980890	-.045301	-.008015	9.088104	.1758468
#2	.0077998	.0347975	.0952168	-.038168	-.007985	9.002044	.1730023
#3	.0136834	.0286668	.0965838	-.041921	-.010471	8.489113	.1648115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008659**	**.0012240**	**421.3304**	**.0140206**	**.0493386**	**.0701326**	**39.45851**
Stddev	.0001337	.0001431	14.2856	.0006271	.0006457	.0008415	1.34135
%RSD	15.43764	11.68702	3.390583	4.472570	1.308713	1.199885	3.399400
#1	.0009502	.0011525	430.9347	.0139287	.0491223	.0710891	40.31898
#2	.0009357	.0011309	428.1427	.0134445	.0500646	.0698023	40.14358
#3	.0007118	.0013888	404.9138	.0146886	.0488287	.0695063	37.91296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.808581**	**33.96884**	**.0251976**	**-.002451**	**-.252042**	**.0247528**	**.1001813**
Stddev	.187802	1.02970	.0001968	.000668	.371420	.0034059	.0074206
%RSD	3.233175	3.031317	.7810682	27.24906	147.3642	13.75960	7.407183
#1	5.944499	34.67085	.0249767	-.002372	-.312195	.0271297	.1009723
#2	5.886959	34.44890	.0253542	-.001826	.145782	.0208509	.1071747
#3	5.594287	32.78677	.0252618	-.003155	-.589714	.0262777	.0923969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.465778**	**1.692490**	**-.006005**	**.0027088**	**.7646665**	**3.337122**	**.0055483**
Stddev	.361547	.014742	.003954	.0002093	.0092146	.111784	.0016410
%RSD	24.66587	.8710073	65.83757	7.727712	1.205052	3.349706	29.57555
#1	1.602860	1.678959	-.003471	.0028519	.7540274	3.387396	.0073717
#2	1.738737	1.690312	-.003984	.0028059	.7698563	3.414942	.0041903
#3	1.055736	1.708200	-.010561	.0024685	.7701157	3.209029	.0050830

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-04DL2X4 Acquired: 12/15/2024 22:07:08 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1425168	.1892470	.0486504
Stddev	.0040716	.0058490	.0042095
%RSD	2.856906	3.090692	8.652487
#1	.1455219	.1932997	.0534450
#2	.1441455	.1918996	.0455615
#3	.1378830	.1825417	.0469448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.386	28307.70	2688.499	1956.662	2887.909
Stddev	3.900	313.19	60.616	17.665	11.924
%RSD	.1692242	1.106374	2.254644	.9028154	.4128897
#1	2307.027	28569.66	2652.536	1962.830	2901.452
#2	2299.907	28392.64	2654.477	1970.416	2878.985
#3	2306.223	27960.80	2758.483	1936.740	2883.291

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV032 Acquired: 12/15/2024 22:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.859728**	**4.835540**	**24.12334**	**4.643017**	**4.721023**	**391.1107**	**10.04865**
Stddev	.006927	.019977	.05305	.007537	.006780	1.0250	.03000
%RSD	.1425375	.4131345	.2199217	.1623356	.1436110	.2620640	.2985840
#1	4.851748	4.813225	24.07330	4.634349	4.720055	391.4140	10.06254
#2	4.863247	4.841634	24.11776	4.646673	4.714779	391.9498	10.06919
#3	4.864189	4.851761	24.17896	4.648029	4.728235	389.9683	10.01422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4940678**	**2.416207**	**398.5378**	**14.86869**	**2.417241**	**15.08145**	**398.0003**
Stddev	.0037655	.004942	.6586	.03424	.004296	.04100	.8782
%RSD	.7621468	.2045206	.1652532	.2302665	.1777316	.2718867	.2206572
#1	.4900922	2.412247	399.0481	14.88259	2.412813	15.12525	398.7649
#2	.4945308	2.414628	398.7709	14.89380	2.417517	15.07513	398.1948
#3	.4975804	2.421745	397.7943	14.82969	2.421393	15.04397	397.0411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.70444**	**392.6225**	**2.431142**	**1.214462**	**399.0182**	**2.442887**	**14.10824**
Stddev	.01079	.5671	.001716	.004696	1.9829	.023021	.14058
%RSD	.0733466	.1444517	.0705686	.3867042	.4969555	.9423651	.9964487
#1	14.70857	392.8426	2.430837	1.216379	400.5734	2.469107	14.21087
#2	14.71256	393.0465	2.429600	1.217896	399.6960	2.433561	14.16585
#3	14.69220	391.9782	2.432990	1.209110	396.7852	2.425992	13.94801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**150.3527**	**4.858354**	**4.831083**	**4.667589**	**4.871206**	**4.980456**	**4.898621**
Stddev	.2369	.005562	.043206	.005410	.019097	.037044	.012509
%RSD	.1575892	.1144878	.8943362	.1159018	.3920452	.7437818	.2553578
#1	150.0839	4.852125	4.788169	4.665236	4.855459	4.941680	4.892222
#2	150.5315	4.862823	4.830504	4.663753	4.865710	4.984205	4.890606
#3	150.4425	4.860114	4.874575	4.673776	4.892448	5.015482	4.913035

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV032 Acquired: 12/15/2024 22:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**4.969873**	**4.729002**	**5.246234**
Stddev	.010363	.010620	.010242
%RSD	.2085070	.2245660	.1952211
#1	4.975121	4.734173	5.258046
#2	4.976562	4.736046	5.240820
#3	4.957936	4.716787	5.239835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1938.555**	**25370.05**	**2470.207**	**1675.234**	**2551.686**
Stddev	2.682	83.20	14.096	8.465	5.553
%RSD	.1383630	.3279648	.5706228	.5052982	.2176019
#1	1940.452	25291.41	2485.277	1672.948	2557.098
#2	1939.727	25361.56	2467.997	1668.146	2551.959
#3	1935.486	25457.17	2457.347	1684.607	2546.003

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB032 Acquired: 12/15/2024 22:14:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002283**	**.0001138**	**.0011940**	**.0002812**	**-.005179**	**.0126625**	**.0015013**
Stddev	.002830	.0023041	.0017032	.0056327	.001510	.0120336	.0002556
%RSD	123.9896	2025.290	142.6512	2002.975	29.14631	95.03349	17.02140
#1	-.004938	-.002518	.0004298	.0052798	-.003491	-.001165	.0014359
#2	.000695	.001766	.0000066	.0013859	-.005646	.020764	.0012849
#3	-.002604	.001093	.0031454	-.005822	-.006400	.018388	.0017832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000040**	**.0000900**	**-.023215**	**.0005625**	**-.000296**	**-.006296**	**-.006146**
Stddev	.000089	.0001053	.038705	.0003593	.000327	.006965	.016727
%RSD	222.5679	117.0442	166.7222	63.87556	110.2953	110.6313	272.1820
#1	-.000109	.0001383	-.053002	.0009084	.000017	-.011406	-.025406
#2	-.000073	-.000031	-.037178	.0001911	-.000635	.001638	.002231
#3	.000061	.000162	.020534	.0005881	-.000270	-.009119	.004738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001545**	**.0640417**	**.0006286**	**.0000221**	**-.638631**	**-.012951**	**-.012492**
Stddev	.000709	.1032432	.0002159	.0004114	.200974	.003791	.005279
%RSD	45.88215	161.2125	34.34541	1863.436	31.46942	29.26919	42.25737
#1	-.001252	.1692524	.0008773	.0003572	-.560886	-.008851	-.006415
#2	-.002353	.0599871	.0004888	-.000437	-.488144	-.013672	-.015117
#3	-.001030	-.037115	.0005198	.000146	-.866863	-.016329	-.015943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6721944**	**-.001119**	**.0062677**	**-.000081**	**-.006061**	**.0028624**	**-.000911**
Stddev	.1340443	.000730	.0020932	.000133	.000387	.0006764	.000615
%RSD	19.94130	65.22444	33.39603	164.6200	6.389481	23.63195	67.45438
#1	.5573372	-.000656	.0086270	-.000191	-.006502	.0020950	-.001572
#2	.6397691	-.001961	.0046333	-.000118	-.005776	.0033722	-.000357
#3	.8194770	-.000741	.0055429	.000067	-.005905	.0031201	-.000803

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB032 Acquired: 12/15/2024 22:14:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0016239	.0003430	.0148301
Stddev	.0036334	.0001465	.0033283
%RSD	223.7434	42.69267	22.44285
#1	.0057438	.0004545	.0163595
#2	.0002507	.0003975	.0110120
#3	-.001123	.0001772	.0171187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.721	28521.07	2588.760	1974.885	3253.631
Stddev	4.510	91.64	15.708	11.087	4.961
%RSD	.1924338	.3212933	.6067755	.5613911	.1524716
#1	2340.668	28625.70	2572.337	1986.144	3251.409
#2	2341.594	28482.41	2590.306	1974.530	3250.170
#3	2348.902	28455.09	2603.638	1963.979	3259.315

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-19DL2X4 Acquired: 12/15/2024 22:18:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071979	.0353834	.0947996	-.043661	-.014245	6.063247	.0808417
Stddev	.0042337	.0019408	.0005253	.002457	.002380	.070553	.0008063
%RSD	58.81842	5.485017	.5541209	5.627329	16.71103	1.163610	.9973737
#1	.0103180	.0337125	.0941931	-.043166	-.016553	6.071693	.0800895
#2	.0023786	.0375122	.0951067	-.041489	-.014382	5.988852	.0816929
#3	.0088970	.0349254	.0950991	-.046328	-.011798	6.129196	.0807425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006601	.0012662	568.8111	.0124785	.0486143	.0390448	23.73509
Stddev	.0001429	.0000794	1.8847	.0007197	.0009511	.0110100	.07903
%RSD	21.65204	6.273822	.3313405	5.767561	1.956511	28.19846	.3329507
#1	.0005455	.0012970	568.4096	.0117009	.0497125	.0362955	23.70410
#2	.0006147	.0013256	567.1595	.0126136	.0480753	.0511690	23.67626
#3	.0008203	.0011760	570.8642	.0131211	.0480550	.0296700	23.82492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.188933	84.84648	.0204921	-.001849	-.758455	.0042717	.1684576
Stddev	.009254	.47329	.0006880	.001645	.640553	.0058895	.0054926
%RSD	.2902029	.5578183	3.357238	88.99750	84.45508	137.8710	3.260525
#1	3.194404	84.79082	.0197523	-.000460	-1.47979	.0015967	.1736105
#2	3.178248	84.40348	.0211126	-.003666	-.25613	.0001946	.1690836
#3	3.194148	85.34514	.0206115	-.001421	-.53944	.0110239	.1626789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492802	.8201866	.0128324	-.000080	1.988787	2.582627	.0098444
Stddev	.064962	.0072444	.0031887	.000362	.012895	.035019	.0013477
%RSD	4.351692	.8832671	24.84876	454.6440	.6483947	1.355941	13.69042
#1	1.496005	.8184069	.0160699	.000230	1.977169	2.611275	.0083232
#2	1.556104	.8139978	.0096948	.000008	1.986532	2.543589	.0108893
#3	1.426298	.8281550	.0127325	-.000477	2.002662	2.593016	.0103208

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-19DL2X4 Acquired: 12/15/2024 22:18:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0803896	.3674522	.0561294
Stddev	.0035464	.0015551	.0027969
%RSD	4.411511	.4232000	4.982921
#1	.0818482	.3675165	.0544641
#2	.0829742	.3658660	.0545657
#3	.0763465	.3689741	.0593584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.676	27416.17	2635.897	1892.246	2814.767
Stddev	3.422	161.82	18.484	16.443	3.267
%RSD	.1517268	.5902279	.7012360	.8689766	.1160773
#1	2256.731	27523.38	2618.060	1903.321	2813.710
#2	2258.448	27230.03	2654.966	1873.352	2818.432
#3	2251.851	27495.10	2634.667	1900.065	2812.160

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-20DL2X4 Acquired: 12/15/2024 22:22:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002380**	**.0334739**	**.0524696**	**-.046407**	**-.018417**	**4.925661**
Stddev	.002198	.0017775	.0025644	.003369	.000698	.034804
%RSD	92.33433	5.310096	4.887372	7.259797	3.790007	.7065798
#1	-.004884	.0316302	.0495121	-.045356	-.018692	4.942828
#2	-.000769	.0336147	.0540737	-.043689	-.017623	4.885609
#3	-.001488	.0351768	.0538231	-.050176	-.018936	4.948546

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0656048**	**.0004211**	**.0007835**	F **801.7278**	**.0095732**	**.0499595**
Stddev	.0005652	.0001530	.0000805	2.7127	.0008569	.0006963
%RSD	.8614718	36.33739	10.27940	.3383563	8.951124	1.393692
#1	.0655587	.0005399	.0007505	798.5983	.0105623	.0501643
#2	.0661916	.0002484	.0007248	803.4094	.0090524	.0505304
#3	.0650641	.0004749	.0008753	803.1756	.0091051	.0491837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0298099**	**18.38535**	**3.510624**	**51.17913**	**.0162394**	**-.000215**
Stddev	.0098049	.03146	.018533	.07737	.0003684	.000293
%RSD	32.89152	.1710879	.5279207	.1511772	2.268800	136.0260
#1	.0203002	18.35988	3.493034	51.09406	.0165835	-.000433
#2	.0398855	18.42051	3.529975	51.19803	.0162842	-.000330
#3	.0292439	18.37566	3.508863	51.24530	.0158507	.000118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.467538**	**.0047276**	**.1018537**	**1.254738**	**.8147637**	**.0126813**
Stddev	.946202	.0094583	.0022335	.072453	.0069600	.0018320
%RSD	202.3798	200.0656	2.192871	5.774352	.8542400	14.44676
#1	.451349	.0112870	.1006788	1.281207	.8112289	.0110003
#2	-1.43887	-.006115	.1044294	1.310235	.8102805	.0146340
#3	-.41509	.009010	.1004529	1.172772	.8227818	.0124095

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P4983-20DL2X4 Acquired: 12/15/2024 22:22:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000749	.9384875	2.599193	.0059824	.0648727	.5905101
Stddev	.000315	.0101376	.032754	.0015814	.0037344	.0034345
%RSD	42.04294	1.080205	1.260165	26.43427	5.756434	.5816111
#1	-.000688	.9420155	2.572516	.0076450	.0675406	.5877987
#2	-.000469	.9270572	2.635750	.0058050	.0664725	.5943722
#3	-.001089	.9463896	2.589315	.0044972	.0606050	.5893594

Elem	Li6707
Units	ppm
Avg	.0704452
Stddev	.0088410
%RSD	12.55014
#1	.0791209
#2	.0614478
#3	.0707669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.924	27726.76	2684.798	1916.888	2829.761
Stddev	11.941	159.73	7.023	10.248	14.228
%RSD	.5244228	.5760955	.2615683	.5346110	.5027978
#1	2288.051	27584.36	2683.148	1909.672	2838.901
#2	2278.412	27696.44	2678.747	1912.373	2837.014
#3	2264.309	27899.48	2692.499	1928.618	2813.368

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-01 Acquired: 12/15/2024 22:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944679	.0108384	1.060964	.0045145	.0266958	64.50862
Stddev	.0009836	.0031606	.002904	.0038654	.0029686	.07059
%RSD	1.041224	29.16099	.2737032	85.62220	11.11998	.1094234
#1	.0933775	.0130489	1.062821	.0064326	.0292114	64.56161
#2	.0952884	.0072183	1.057618	.0070458	.0274546	64.53575
#3	.0947379	.0122479	1.062453	.0000652	.0234215	64.42849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.312243	.0064473	.0068407	55.98495	.1189129	.0905961
Stddev	.003190	.0001647	.0000588	.08339	.0004768	.0006922
%RSD	.2430688	2.554232	.8591668	.1489460	.4009276	.7640415
#1	1.313566	.0064890	.0069083	55.95623	.1193419	.0903921
#2	1.314559	.0065871	.0068020	56.07890	.1183996	.0900288
#3	1.308605	.0062657	.0068117	55.91971	.1189970	.0913674

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3336049	151.0867	6.768650	19.46657	.1649439	-.008165
Stddev	.0057798	.0509	.007726	.04100	.0000422	.000245
%RSD	1.732534	.0336724	.1141477	.2106304	.0255643	3.003251
#1	.3303649	151.0730	6.759981	19.51367	.1649360	-.008337
#2	.3402779	151.1430	6.774810	19.44722	.1649895	-.008274
#3	.3301718	151.0441	6.771160	19.43882	.1649063	-.007884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.403050	.1627979	1.278187	8.570754	F 12.24235	-.017178
Stddev	.161115	.0040067	.012111	.107361	.04070	.004006
%RSD	39.97386	2.461158	.9474864	1.252646	.3324762	23.32304
#1	-.522353	.1673837	1.287691	8.451401	12.26486	-.017702
#2	-.219774	.1599741	1.264551	8.659456	12.19537	-.020897
#3	-.467025	.1610361	1.282320	8.601407	12.26683	-.012936

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-01 Acquired: 12/15/2024 22:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053169	4.275331	8.900402	.0810935	.7194359	.0150356
Stddev	.0003256	.017576	.073029	.0032462	.0053459	.0004397
%RSD	6.124037	.4110909	.8205182	4.002973	.7430737	2.924309
#1	.0050265	4.293720	8.855213	.0832728	.7148650	.0152271
#2	.0052553	4.258701	8.984655	.0826449	.7253143	.0153470
#3	.0056689	4.273572	8.861339	.0773627	.7181284	.0145326

Elem	Li6707
Units	ppm
Avg	.1011694
Stddev	.0062702
%RSD	6.197718
#1	.0939295
#2	.1047393
#3	.1048396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.644	33348.75	3088.377	2317.810	3199.357
Stddev	11.472	132.63	9.941	7.074	9.996
%RSD	.4169183	.3977174	.3219000	.3052137	.3124296
#1	2760.899	33204.54	3094.255	2311.689	3202.318
#2	2755.224	33465.51	3076.899	2325.555	3207.538
#3	2738.808	33376.20	3093.977	2316.185	3188.216

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-02 Acquired: 12/15/2024 22:31:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972839	.0088882	1.611177	.0015772	.0257436	68.68270
Stddev	.0058046	.0025140	.006649	.0099800	.0018381	.35898
%RSD	5.966673	28.28482	.4126956	632.7825	7.139872	.5226696
#1	.0942127	.0065731	1.617213	-.007546	.0273541	68.29549
#2	.0936602	.0115625	1.604050	.012236	.0261355	68.74813
#3	.1039790	.0085290	1.612268	.000041	.0237412	69.00446

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.310251	.0066777	.0071832	61.74207	.1293831	.0903990
Stddev	.007222	.0000837	.0001196	.39195	.0002792	.0004090
%RSD	.5511805	1.252841	1.664451	.6348217	.2157875	.4524551
#1	1.302304	.0065978	.0071697	61.32847	.1290962	.0904514
#2	1.312035	.0066705	.0073089	61.78973	.1296539	.0907793
#3	1.316414	.0067647	.0070709	62.10801	.1293992	.0899663

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4332231	148.1359	6.177343	20.26017	.1780154	-.007036
Stddev	.0061003	.9945	.033307	.10759	.0011799	.000773
%RSD	1.408112	.6713524	.5391772	.5310312	.6628253	10.98480
#1	.4351603	147.0036	6.139322	20.20774	.1791314	-.006147
#2	.4381196	148.5360	6.191343	20.18884	.1781342	-.007545
#3	.4263895	148.8680	6.201366	20.38392	.1767805	-.007417

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.229991	.1762563	1.610312	8.561665	F 13.72492	-.013204
Stddev	.395847	.0052479	.009169	.222949	.03891	.003094
%RSD	172.1145	2.977419	.5693832	2.604038	.2834954	23.43365
#1	-.333121	.1818808	1.620831	8.786809	13.75995	-.016064
#2	.207215	.1714911	1.606095	8.340978	13.68304	-.009920
#3	-.564066	.1753970	1.604010	8.557208	13.73178	-.013627

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-02 Acquired: 12/15/2024 22:31:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047272	4.056691	7.497628	.1569703	.6980624	.0457350
Stddev	.0003269	.018761	.034194	.0007606	.0055268	.0003615
%RSD	6.915871	.4624744	.4560641	.4845751	.7917270	.7903626
#1	.0050680	4.057543	7.459193	.1561458	.6917002	.0460292
#2	.0046976	4.037519	7.509014	.1576446	.7008116	.0458444
#3	.0044161	4.075012	7.524675	.1571206	.7016754	.0453315

Elem	Li6707
Units	ppm
Avg	.1052990
Stddev	.0029338
%RSD	2.786198
#1	.1019155
#2	.1068458
#3	.1071358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.604	33623.26	3101.276	2333.064	3168.938
Stddev	2.668	209.81	13.295	9.019	4.119
%RSD	.0971324	.6239902	.4286910	.3865563	.1299783
#1	2743.603	33859.32	3116.133	2343.419	3164.367
#2	2748.708	33458.04	3090.500	2328.845	3172.363
#3	2747.500	33552.42	3097.197	2326.929	3170.085

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-03 Acquired: 12/15/2024 22:35:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0984190**	**.0099199**	**.9453780**	**.0020789**	**.0253098**	**65.87389**
Stddev	.0019631	.0009406	.0045913	.0039422	.0026433	.09264
%RSD	1.994650	9.481572	.4856624	189.6340	10.44357	.1406280
#1	.0983916	.0092142	.9460898	.0044703	.0223522	65.76788
#2	.0964697	.0095579	.9404723	.0042375	.0261357	65.91453
#3	.1003957	.0109877	.9495718	-.002471	.0274415	65.93926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.249449**	**.0062872**	**.0065116**	**63.85632**	**.1180690**	**.0889114**
Stddev	.003963	.0000355	.0001084	.13225	.0007922	.0007259
%RSD	.3171657	.5641676	1.665321	.2070978	.6709958	.8164823
#1	1.245037	.0062978	.0065990	63.86739	.1186738	.0893638
#2	1.250604	.0063162	.0065455	63.71889	.1183610	.0880741
#3	1.252706	.0062477	.0063902	63.98268	.1171722	.0892964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3225095**	**146.8604**	**6.470020**	**22.06159**	**.1521890**	**-.008775**
Stddev	.0068220	.3140	.023592	.15113	.0011425	.001172
%RSD	2.115289	.2138198	.3646349	.6850344	.7506964	13.35845
#1	.3234697	146.5694	6.443209	21.91153	.1517573	-.008208
#2	.3152583	147.1933	6.487604	22.05948	.1513252	-.007994
#3	.3288006	146.8184	6.479247	22.21376	.1534844	-.010123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074124**	**.1740976**	**1.067275**	**7.148692**	F **11.85630**	**-.013211**
Stddev	.4373024	.0051111	.015100	.121093	.03508	.001683
%RSD	5899.576	2.935790	1.414818	1.693922	.2959073	12.74135
#1	.0579311	.1763906	1.054850	7.008871	11.85430	-.013921
#2	.4172615	.1682415	1.062893	7.217521	11.82226	-.014424
#3	-.452955	.1776607	1.084081	7.219684	11.89234	-.011289

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-03 Acquired: 12/15/2024 22:35:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039270	3.212864	8.224322	.0704238	.6477648	.0467659
Stddev	.0002715	.017458	.019312	.0014013	.0041183	.0003239
%RSD	6.913271	.5433754	.2348136	1.989766	.6357723	.6926491
#1	.0039039	3.215629	8.225137	.0705458	.6466984	.0466098
#2	.0042092	3.194188	8.243213	.0689656	.6442846	.0465496
#3	.0036678	3.228773	8.204616	.0717602	.6523114	.0471383

Elem	Li6707
Units	ppm
Avg	.1077015
Stddev	.0027158
%RSD	2.521573
#1	.1102940
#2	.1048773
#3	.1079332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.739	33585.07	3106.720	2340.074	3232.704
Stddev	10.698	88.95	3.889	11.705	8.937
%RSD	.3861167	.2648365	.1251836	.5001940	.2764564
#1	2758.477	33613.98	3108.216	2343.283	3222.856
#2	2778.164	33655.96	3102.305	2349.840	3240.299
#3	2775.576	33485.26	3109.639	2327.099	3234.957

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-04 Acquired: 12/15/2024 22:39:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1171705**	**.0171033**	**.6323914**	**.0036379**	**.0265440**	**70.84916**
Stddev	.0040234	.0034487	.0005722	.0052214	.0015711	.08763
%RSD	3.433832	20.16392	.0904829	143.5301	5.918788	.1236820
#1	.1206787	.0140100	.6329471	.0093957	.0282946	70.93178
#2	.1127787	.0208219	.6318040	.0023076	.0260807	70.85844
#3	.1180543	.0164781	.6324230	-.000790	.0252567	70.75726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.551076**	**.0063387**	**.0064160**	**64.35486**	**.1047523**	**.1125873**
Stddev	.002785	.0001918	.0000803	.07225	.0041616	.0008753
%RSD	.1795564	3.025438	1.250916	.1122647	3.972750	.7774342
#1	1.552978	.0063922	.0065001	64.28223	.0999622	.1115942
#2	1.552371	.0064981	.0063403	64.42672	.1074779	.1129214
#3	1.547880	.0061259	.0064076	64.35562	.1068169	.1132464

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2640845**	**165.1108**	**9.886914**	**22.80903**	**.1420345**	**-.010747**
Stddev	.0054744	.2895	.031335	.10191	.0007186	.001646
%RSD	2.072984	.1753415	.3169343	.4468083	.5059092	15.31737
#1	.2612590	165.3297	9.894823	22.71162	.1428089	-.009106
#2	.2606003	165.2201	9.913536	22.80055	.1413894	-.012398
#3	.2703944	164.7825	9.852382	22.91492	.1419052	-.010738

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.048821**	**.1725976**	**.8551815**	**6.593720**	F **15.03828**	**-.013581**
Stddev	.218088	.0105882	.0143912	.094794	.04790	.003820
%RSD	446.7088	6.134633	1.682828	1.437637	.3185016	28.12785
#1	-.231369	.1839021	.8386183	6.504388	15.00563	-.009921
#2	-.107780	.1709784	.8622994	6.693164	15.01595	-.017543
#3	.192685	.1629122	.8646267	6.583608	15.09327	-.013277

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-04 Acquired: 12/15/2024 22:39:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043819	2.924561	7.296006	.0500188	.5436697	.0257341
Stddev	.0008352	.020744	.072590	.0014505	.0041955	.0002473
%RSD	19.05944	.7093043	.9949329	2.899839	.7716995	.9610581
#1	.0044466	2.902557	7.243719	.0497434	.5410729	.0257051
#2	.0035163	2.927365	7.378885	.0515873	.5485100	.0259947
#3	.0051829	2.943760	7.265415	.0487258	.5414263	.0255026

Elem	Li6707
Units	ppm
Avg	.1134071
Stddev	.0026401
%RSD	2.327994
#1	.1132688
#2	.1108388
#3	.1161136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.376	34883.69	3229.558	2428.615	3196.591
Stddev	8.031	610.39	8.047	39.893	6.718
%RSD	.2807657	1.749788	.2491761	1.642627	.2101621
#1	2852.028	35550.07	3225.047	2472.220	3192.435
#2	2868.048	34351.68	3224.777	2393.951	3204.341
#3	2861.051	34749.33	3238.849	2419.673	3192.996

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-05 Acquired: 12/15/2024 22:42:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787260	.0090848	.3248573	-.001853	.0267069	65.74693	1.016142
Stddev	.0056273	.0041178	.0026180	.007555	.0034225	.31350	.006177
%RSD	7.148004	45.32648	.8058762	407.6807	12.81514	.4768329	.6078948
#1	.0775181	.0137422	.3218751	-.006865	.0296145	65.38495	1.009017
#2	.0848592	.0075856	.3267768	.006837	.0229351	65.93173	1.019994
#3	.0738007	.0059266	.3259200	-.005532	.0275712	65.92410	1.019414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061168	.0046020	60.68805	.0994321	.0884853	.2350336	157.6049
Stddev	.0001804	.0000513	.15635	.0007383	.0005508	.0038081	.8179
%RSD	2.948754	1.115422	.2576286	.7425070	.6225373	1.620227	.5189420
#1	.0059195	.0046200	60.51253	.1002561	.0881639	.2375981	156.6605
#2	.0061577	.0046419	60.73917	.0992093	.0881707	.2368448	158.0729
#3	.0062732	.0045441	60.81243	.0988308	.0891214	.2306580	158.0812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.587190	26.78369	.1303060	-.010589	.5378745	.1498696	.6848977
Stddev	.043101	.20329	.0011230	.000081	.4525847	.0029588	.0060961
%RSD	.7714228	.7589936	.8618321	.7636829	84.14318	1.974238	.8900780
#1	5.537830	26.57081	.1298810	-.010657	.9256554	.1481341	.6822074
#2	5.606362	26.97578	.1315795	-.010611	.0405827	.1481886	.6918762
#3	5.617379	26.80449	.1294575	-.010499	.6473854	.1532859	.6806096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.852697	8.781109	-.016153	.0031535	1.914645	9.302591	.0274731
Stddev	.217938	.031425	.001793	.0001891	.010121	.057730	.0017833
%RSD	3.723722	.3578756	11.09745	5.998272	.5285954	.6205756	6.490943
#1	5.602806	8.746825	-.018163	.0031147	1.909906	9.237756	.0266751
#2	6.003389	8.787953	-.015577	.0029867	1.907764	9.348426	.0295161
#3	5.951896	8.808547	-.014720	.0033590	1.926266	9.321590	.0262283

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-05 Acquired: 12/15/2024 22:42:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7096703	-.021182	.1041977
Stddev	.0046807	.000317	.0042971
%RSD	.6595593	1.498025	4.124035
#1	.7106800	-.021003	.1083021
#2	.7045672	-.020995	.1045601
#3	.7137638	-.021549	.0997308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.510	34057.45	3169.390	2365.235	3145.274
Stddev	10.990	200.19	14.530	12.881	14.983
%RSD	.3928524	.5877964	.4584596	.5446168	.4763636
#1	2807.110	33890.53	3185.729	2360.071	3160.868
#2	2799.899	34002.43	3164.526	2355.737	3143.969
#3	2785.522	34279.40	3157.916	2379.897	3130.987

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-06 Acquired: 12/15/2024 22:46:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623205	.0255702	1.474217	-.021986	.0161549	63.52170	.9430249
Stddev	.0045620	.0019118	.005883	.005960	.0010289	.23045	.0063173
%RSD	7.320258	7.476692	.3990386	27.11062	6.368672	.3627901	.6698934
#1	.0575172	.0239122	1.476358	-.016196	.0168459	63.37944	.9396695
#2	.0628491	.0276614	1.467564	-.028104	.0149725	63.78758	.9503118
#3	.0665952	.0251370	1.478729	-.021657	.0166464	63.39807	.9390933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056546	.0047549	258.2369	.0988016	.1028052	1.214537	163.4468
Stddev	.0001287	.0000533	.9955	.0005914	.0004239	.014558	.7544
%RSD	2.275212	1.121194	.3855129	.5986227	.4123073	1.198627	.4615657
#1	.0055270	.0048151	257.3557	.0994842	.1027592	1.205119	162.8401
#2	.0057843	.0047361	259.3168	.0984799	.1032502	1.231304	164.2915
#3	.0056524	.0047136	258.0382	.0984408	.1024062	1.207187	163.2087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.113944	52.29120	.1556807	-.012482	.4495048	.1263685	6.906478
Stddev	.049021	.18705	.0004066	.000393	.0945682	.0106166	.064379
%RSD	.6041632	.3577119	.2611761	3.147434	21.03830	8.401279	.9321510
#1	8.109037	52.32537	.1552625	-.012688	.3571319	.1325048	6.838768
#2	8.165235	52.45882	.1560746	-.012728	.5461251	.1141095	6.966906
#3	8.067561	52.08942	.1557051	-.012029	.4452574	.1324912	6.913761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994783	8.083288	-.012528	.0020800	1.467217	7.943111	.5932700
Stddev	.084308	.017945	.002289	.0002519	.004886	.042105	.0017430
%RSD	1.687920	.2219962	18.26908	12.11133	.3329774	.5300813	.2937872
#1	4.951063	8.075969	-.011207	.0022758	1.463121	7.958936	.5912606
#2	5.091971	8.070159	-.015171	.0021684	1.465906	7.975010	.5941762
#3	4.941317	8.103735	-.011207	.0017958	1.472625	7.895386	.5943732

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-06 Acquired: 12/15/2024 22:46:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6712576	.1377961	.1250262
Stddev	.0043299	.0013221	.0007488
%RSD	.6450476	.9594513	.5988941
#1	.6718365	.1383083	.1258887
#2	.6752689	.1387854	.1246475
#3	.6666673	.1362945	.1245424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.775	33610.74	3197.659	2331.702	3029.773
Stddev	6.525	107.06	13.744	9.088	4.020
%RSD	.2354266	.3185229	.4298227	.3897425	.1326730
#1	2778.257	33734.35	3188.518	2340.623	3033.405
#2	2771.861	33548.07	3190.994	2322.456	3030.460
#3	2765.207	33549.78	3213.465	2332.026	3025.455

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-07 Acquired: 12/15/2024 22:50:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0598717**	**.0336566**	**.1800379**	**-.036621**	**.0068665**	**39.88854**
Stddev	.0053408	.0026025	.0012400	.001926	.0027411	.14588
%RSD	8.920449	7.732422	.6887145	5.258888	39.91956	.3657308
#1	.0590137	.0309162	.1806052	-.037572	.0077634	40.05630
#2	.0550119	.0360948	.1808927	-.034405	.0037894	39.81795
#3	.0655896	.0339586	.1786158	-.037887	.0090469	39.79138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6397719**	**.0038439**	**.0037349**	F **942.4037**	**.0650822**	**.1105351**
Stddev	.0023697	.0002076	.0000544	2.8130	.0004078	.0005916
%RSD	.3703939	5.399971	1.456264	.2984911	.6265952	.5351911
#1	.6418538	.0038675	.0036904	945.6478	.0648188	.1108249
#2	.6371932	.0040387	.0037187	940.9222	.0655519	.1109260
#3	.6402686	.0036255	.0037955	940.6412	.0648758	.1098546

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2674654**	**133.7155**	**7.790749**	**188.3496**	**.1216448**	**-.010979**
Stddev	.0040720	.4582	.029984	.7848	.0010786	.001457
%RSD	1.522434	.3426473	.3848603	.4166842	.8866694	13.26954
#1	.2631107	134.0231	7.825371	189.2549	.1225848	-.009298
#2	.2681071	133.9346	7.773451	187.9341	.1204672	-.011751
#3	.2711785	133.1890	7.773425	187.8600	.1218823	-.011886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3780458**	**.1069299**	**.3686580**	**5.010631**	**7.934814**	**.0018785**
Stddev	.1479254	.0171404	.0022215	.041599	.020142	.0023978
%RSD	39.12896	16.02961	.6025960	.8302115	.2538441	127.6460
#1	.2094729	.0925940	.3660936	5.009113	7.938548	.0003083
#2	.4384722	.1022803	.3698847	4.969812	7.913067	.0046386
#3	.4861924	.1259155	.3699957	5.052968	7.952829	.0006886

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-07 Acquired: 12/15/2024 22:50:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012472	2.026320	6.301993	.0238925	1.171323	.7805190
Stddev	.0002919	.002510	.037369	.0022901	.004324	.0025782
%RSD	23.40658	.1238476	.5929760	9.585208	.3691480	.3303215
#1	.0011827	2.025765	6.338801	.0223385	1.176248	.7834823
#2	.0015659	2.024134	6.303092	.0265225	1.169571	.7787899
#3	.0009928	2.029060	6.264087	.0228165	1.168150	.7792847

Elem	Li6707
Units	ppm
Avg	.1455761
Stddev	.0034602
%RSD	2.376933
#1	.1478247
#2	.1473120
#3	.1415915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.604	30359.49	2981.008	2102.927	2703.189
Stddev	7.378	87.91	23.738	4.365	3.682
%RSD	.2946796	.2895543	.7963050	.2075538	.1362198
#1	2512.072	30381.00	2957.561	2104.042	2707.040
#2	2500.180	30262.82	2980.435	2098.113	2702.822
#3	2498.561	30434.64	3005.027	2106.626	2699.704

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-08 Acquired: 12/15/2024 22:54:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0621507**	**.0346016**	**.1778323**	**-.034400**	**.0088739**	**39.84837**
Stddev	.0040906	.0020627	.0010383	.003143	.0026878	.14730
%RSD	6.581739	5.961318	.5838456	9.137805	30.28883	.3696570
#1	.0609064	.0337711	.1767091	-.036387	.0117890	39.90536
#2	.0588267	.0369501	.1787569	-.030776	.0064939	39.68109
#3	.0667190	.0330836	.1780309	-.036037	.0083389	39.95866

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6356219**	**.0039790**	**.0035182**	F **939.0403**	**.0640637**	**.1086138**
Stddev	.0018149	.0001313	.0000510	2.7697	.0005871	.0008062
%RSD	.2855361	3.298918	1.449364	.2949550	.9163629	.7422804
#1	.6361365	.0041161	.0034664	941.1117	.0640110	.1076933
#2	.6336052	.0038545	.0035683	935.8943	.0635047	.1089539
#3	.6371239	.0039663	.0035199	940.1149	.0646753	.1091943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2718812**	**133.7299**	**7.803371**	**187.3770**	**.1195737**	**-.009844**
Stddev	.0100338	.5809	.021996	.9924	.0003935	.000631
%RSD	3.690514	.4343581	.2818814	.5296523	.3290571	6.409424
#1	.2771591	133.3778	7.785578	186.7592	.1191267	-.010188
#2	.2781744	133.4117	7.796571	186.8501	.1198677	-.010229
#3	.2603100	134.4004	7.827964	188.5218	.1197267	-.009116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1879463**	**.1068214**	**.3559728**	**5.118860**	**7.876117**	**.0022329**
Stddev	.3547482	.0104452	.0073911	.121720	.066051	.0025620
%RSD	188.7498	9.778143	2.076302	2.377882	.8386303	114.7414
#1	.3173114	.1104278	.3640327	5.145713	7.803153	.0004709
#2	-.213329	.0950510	.3543730	4.985955	7.893362	.0051719
#3	.459857	.1149855	.3495125	5.224911	7.931835	.0010558

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-08 Acquired: 12/15/2024 22:54:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005765	2.005522	6.478513	.0223572	1.177383	.7788116
Stddev	.0006605	.012584	.037619	.0002922	.007399	.0038758
%RSD	114.5735	.6274811	.5806806	1.306728	.6284662	.4976581
#1	.0007627	1.991629	6.443033	.0221769	1.171878	.7773418
#2	-.000157	2.008780	6.517958	.0226942	1.174476	.7758857
#3	.001124	2.016157	6.474549	.0222004	1.185794	.7832073

Elem	Li6707
Units	ppm
Avg	.1513254
Stddev	.0003402
%RSD	.2247995
#1	.1511967
#2	.1517111
#3	.1510683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.140	30639.92	3004.333	2128.531	2742.329
Stddev	16.323	142.53	13.262	12.635	23.004
%RSD	.6441151	.4651878	.4414137	.5935838	.8388325
#1	2552.119	30634.57	3017.049	2134.517	2765.251
#2	2530.051	30785.05	3005.364	2137.059	2742.492
#3	2520.250	30500.13	2990.586	2114.015	2719.244

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-07LX5 Acquired: 12/15/2024 22:58:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091444	.0211622	.0440733	-.033279	-.013562	8.606025	.1398553
Stddev	.0064423	.0038230	.0009297	.003363	.003351	.021736	.0009907
%RSD	70.45090	18.06523	2.109524	10.10415	24.70694	.2525619	.7083458
#1	.0158771	.0181273	.0436793	-.033693	-.009881	8.583059	.1393416
#2	.0030383	.0199034	.0434054	-.036416	-.016434	8.608740	.1392270
#3	.0085178	.0254559	.0451351	-.029729	-.014370	8.626275	.1409973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008747	.0006208	208.5372	.0152166	.0428580	.0606966	30.36925
Stddev	.0001325	.0001623	.1394	.0016036	.0003935	.0036984	.15799
%RSD	15.15100	26.14343	.0668301	10.53874	.9181175	6.093217	.5202349
#1	.0007537	.0006154	208.3855	.0136811	.0430688	.0572475	30.35738
#2	.0010164	.0007857	208.5666	.0168806	.0431011	.0646019	30.53284
#3	.0008542	.0004612	208.6595	.0150881	.0424040	.0602403	30.21752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.770247	42.37365	.0209592	-.001611	-.777145	.0119455	.0704927
Stddev	.005507	.08759	.0005057	.000546	.464411	.0060924	.0059180
%RSD	.3111044	.2067085	2.412742	33.89758	59.75868	51.00172	8.395159
#1	1.764562	42.32695	.0205696	-.001045	-1.08903	.0063664	.0772853
#2	1.775557	42.47469	.0215307	-.001653	-.24341	.0110238	.0677427
#3	1.770623	42.31930	.0207774	-.002134	-.99899	.0184462	.0664501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.410732	1.435190	-.003791	.0004970	.3743197	1.440313	.0030962
Stddev	.112132	.003302	.000308	.0002498	.0073921	.019747	.0008274
%RSD	7.948478	.2300486	8.124824	50.25194	1.974812	1.371044	26.72204
#1	1.440067	1.437752	-.003533	.0006988	.3825549	1.436994	.0039760
#2	1.505279	1.431464	-.004132	.0002177	.3721463	1.461510	.0023339
#3	1.286848	1.436353	-.003708	.0005746	.3682579	1.422436	.0029785

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-07LX5 Acquired: 12/15/2024 22:58:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2579063	.1714134	.0382031
Stddev	.0007458	.0001082	.0026507
%RSD	.2891640	.0631071	6.938368
#1	.2571482	.1712899	.0351460
#2	.2579315	.1714586	.0396033
#3	.2586391	.1714916	.0398601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.599	28642.00	2756.294	1989.468	3144.267
Stddev	4.987	1349.87	17.201	92.157	6.133
%RSD	.2040705	4.712899	.6240639	4.632243	.1950429
#1	2443.041	29388.31	2772.973	2041.218	3143.853
#2	2438.915	27083.77	2738.615	1883.067	3138.351
#3	2448.842	29453.93	2757.295	2044.118	3150.596

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-09 Acquired: 12/15/2024 23:02:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1410570**	**.1279503**	**.2145914**	**.1236868**	**.1629339**	**42.75259**
Stddev	.0064024	.0045129	.0041858	.0027428	.0039344	.06335
%RSD	4.538881	3.527038	1.950586	2.217495	2.414752	.1481849
#1	.1341328	.1228770	.2194147	.1268515	.1592865	42.69211
#2	.1422758	.1315175	.2119106	.1222098	.1671033	42.81847
#3	.1467624	.1294564	.2124488	.1219990	.1624120	42.74720

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.258617**	**.0927160**	**.1014725**	F **925.4248**	**.4295652**	**1.084316**
Stddev	.011428	.0006994	.0002661	1.1658	.0029071	.003151
%RSD	.2683505	.7543699	.2622911	.1259747	.6767543	.2905925
#1	4.258685	.0934058	.1017786	925.8971	.4329125	1.084009
#2	4.270011	.0927349	.1012958	926.2804	.4276731	1.081329
#3	4.247155	.0920074	.1013430	924.0970	.4281099	1.087609

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6802632**	**133.5361**	**8.548265**	**184.6690**	**1.111094**	**.0624179**
Stddev	.0016573	.2294	.012062	.5240	.001543	.0007750
%RSD	.2436294	.1718262	.1411093	.2837597	.1388743	1.241638
#1	.6790937	133.5808	8.551473	184.3571	1.111340	.0617689
#2	.6795360	133.7399	8.558398	185.2740	1.109442	.0632760
#3	.6821597	133.2876	8.534922	184.3760	1.112499	.0622088

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3674921**	**1.027838**	**1.148047**	**5.161910**	**7.655586**	**-.000146**
Stddev	.0993249	.008218	.018776	.174136	.019658	.001202
%RSD	27.02776	.7995222	1.635437	3.373483	.2567845	824.4479
#1	.4818353	1.018508	1.155919	5.353859	7.667384	.001116
#2	.3180435	1.034000	1.161605	5.117801	7.632892	-.000276
#3	.3025973	1.031007	1.126616	5.014069	7.666481	-.001278

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-09 Acquired: 12/15/2024 23:02:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008010	1.949472	6.331632	.0231915	1.154256	.7624730
Stddev	.0003442	.004870	.027144	.0008797	.008846	.0024190
%RSD	42.97448	.2498233	.4286999	3.793231	.7663393	.3172610
#1	.0004313	1.949140	6.360143	.0241958	1.157481	.7609999
#2	.0011123	1.944775	6.328652	.0228213	1.161037	.7652648
#3	.0008593	1.954499	6.306102	.0225573	1.144251	.7611542

Elem	Li6707
Units	ppm
Avg	.1518758
Stddev	.0036860
%RSD	2.426998
#1	.1504660
#2	.1560587
#3	.1491028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.873	30409.68	2966.351	2103.244	2714.455
Stddev	3.681	153.71	12.439	13.727	4.224
%RSD	.1477777	.5054616	.4193288	.6526776	.1556039
#1	2493.207	30422.55	2959.394	2102.630	2717.659
#2	2492.782	30556.54	2980.712	2117.269	2716.038
#3	2486.629	30249.94	2958.948	2089.834	2709.668

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-10 Acquired: 12/15/2024 23:05:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0893559**	**.0118093**	**1.025060**	**.0066807**	**.0280389**	**71.24245**
Stddev	.0040268	.0024841	.005448	.0063460	.0020452	.29531
%RSD	4.506457	21.03515	.5315221	94.99031	7.294026	.4145144
#1	.0893722	.0098045	1.020042	.0113516	.0297903	71.29219
#2	.0853210	.0110350	1.024284	.0092350	.0285352	70.92543
#3	.0933745	.0145883	1.030856	-.000544	.0257913	71.50973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.177271**	**.0062808**	**.0071143**	**52.67680**	**.1173414**	**.0893827**
Stddev	.003590	.0001495	.0001395	.32032	.0004002	.0003488
%RSD	.3049751	2.379668	1.960690	.6080900	.3410339	.3902491
#1	1.177723	.0061245	.0069592	52.68143	.1175432	.0892447
#2	1.173476	.0062954	.0072295	52.35419	.1168805	.0891241
#3	1.180614	.0064224	.0071541	52.99478	.1176005	.0897795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2703118**	**153.9175**	**8.175360**	**24.20593**	**.1834157**	**-.009344**
Stddev	.0025016	.4710	.037456	.12491	.0010801	.000363
%RSD	.9254530	.3060340	.4581576	.5160488	.5888844	3.884550
#1	.2729949	153.8390	8.170180	24.15148	.1821890	-.009715
#2	.2698970	153.4906	8.140763	24.11747	.1838337	-.009326
#3	.2680436	154.4229	8.215136	24.34882	.1842242	-.008990

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.366210**	**.1500673**	**1.369490**	**5.709960**	F **11.83483**	**-.015970**
Stddev	.450677	.0102617	.012800	.036072	.04296	.002172
%RSD	123.0652	6.838049	.9346357	.6317371	.3629680	13.60067
#1	.153831	.1516462	1.383516	5.701509	11.80276	-.016577
#2	-.609566	.1391077	1.366513	5.678864	11.81810	-.013559
#3	-.642896	.1594480	1.358442	5.749508	11.88364	-.017774

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-10 Acquired: 12/15/2024 23:05:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037016	4.383452	7.001212	.0557464	.6962654	-.012952
Stddev	.0002869	.025052	.089155	.0010060	.0058919	.000027
%RSD	7.749549	.5715193	1.273419	1.804664	.8462107	.2051418
#1	.0040223	4.360445	6.984470	.0568886	.6959971	-.012953
#2	.0034694	4.379770	6.921615	.0549921	.6905122	-.012925
#3	.0036130	4.410142	7.097551	.0553583	.7022868	-.012978

Elem	Li6707
Units	ppm
Avg	.1202130
Stddev	.0046971
%RSD	3.907315
#1	.1255404
#2	.1184309
#3	.1166678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.926	33352.06	3061.762	2311.061	3176.746
Stddev	7.490	164.43	32.064	7.586	9.785
%RSD	.2735563	.4930066	1.047249	.3282468	.3080042
#1	2731.116	33163.25	3058.104	2302.945	3177.951
#2	2745.948	33429.19	3095.498	2312.263	3185.872
#3	2736.714	33463.74	3031.683	2317.973	3166.415

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-11 Acquired: 12/15/2024 23:09:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886739	.0148989	.9365775	.0078473	.0230633	68.87640
Stddev	.0013367	.0026470	.0024759	.0016206	.0029347	.13753
%RSD	1.507388	17.76628	.2643587	20.65194	12.72459	.1996760
#1	.0901708	.0172512	.9339586	.0095263	.0201581	69.03481
#2	.0882510	.0120326	.9388800	.0062922	.0260266	68.80693
#3	.0875997	.0154128	.9368938	.0077234	.0230050	68.78747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.212728	.0060453	.0062198	54.38606	.1062872	.0853696
Stddev	.004314	.0000992	.0000760	.25692	.0008306	.0011066
%RSD	.3556936	1.641190	1.222173	.4724026	.7814689	1.296262
#1	1.217610	.0060380	.0062960	54.49900	.1054176	.0860686
#2	1.211144	.0061480	.0061440	54.56716	.1070724	.0840937
#3	1.209431	.0059500	.0062194	54.09201	.1063717	.0859465

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2809748	148.4135	7.895692	22.96624	.1636372	-.009441
Stddev	.0162026	.7809	.031331	.12227	.0004772	.000322
%RSD	5.766567	.5261612	.3968130	.5323711	.2915958	3.407551
#1	.2789806	149.2807	7.930067	23.10353	.1638211	-.009189
#2	.2980821	148.1940	7.888271	22.92612	.1630955	-.009329
#3	.2658615	147.7659	7.868737	22.86908	.1639951	-.009803

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753124	.1374317	1.323702	3.222189	F 12.60006	-.018582
Stddev	.4916955	.0079573	.011897	.157434	.02793	.001969
%RSD	103.4468	5.789974	.8987312	4.885938	.2216725	10.59701
#1	1.022195	.1465659	1.318983	3.111840	12.56898	-.017728
#2	.333987	.1320027	1.337234	3.402475	12.60815	-.017183
#3	.069756	.1337265	1.314889	3.152253	12.62305	-.020833

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-11 Acquired: 12/15/2024 23:09:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040888	3.947272	6.349739	.0865761	.5858764	.0095877
Stddev	.0002545	.010274	.057466	.0013210	.0079039	.0001252
%RSD	6.224564	.2602873	.9050103	1.525776	1.349073	1.305918
#1	.0038145	3.938839	6.414861	.0854026	.5948936	.0096458
#2	.0041348	3.944262	6.306148	.0880067	.5825877	.0094440
#3	.0043172	3.958715	6.328208	.0863190	.5801477	.0096733

Elem	Li6707
Units	ppm
Avg	.1145985
Stddev	.0031304
%RSD	2.731589
#1	.1157203
#2	.1110618
#3	.1170133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.934	33595.88	3101.532	2325.043	3219.015
Stddev	8.274	169.69	23.849	11.603	5.950
%RSD	.2994493	.5050973	.7689400	.4990658	.1848305
#1	2754.305	33754.01	3077.969	2329.289	3212.642
#2	2770.800	33416.61	3100.970	2311.914	3219.979
#3	2763.698	33617.02	3125.656	2333.925	3224.424

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-12 Acquired: 12/15/2024 23:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0672659**	**.0131676**	**.5131765**	**.0044306**	**.0229696**	**67.02803**
Stddev	.0039235	.0021509	.0010334	.0055082	.0010590	.12463
%RSD	5.832781	16.33446	.2013722	124.3220	4.610402	.1859307
#1	.0689585	.0123071	.5140272	.0088970	.0240304	67.10158
#2	.0627802	.0115802	.5120265	-.001724	.0219125	67.09838
#3	.0700589	.0156154	.5134759	.006119	.0229658	66.88414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.160746**	**.0057752**	**.0050472**	**55.94896**	**.0998708**	**.0887586**
Stddev	.001076	.0001628	.0001261	.17185	.0004875	.0003687
%RSD	.0927074	2.818088	2.497404	.3071560	.4881314	.4154286
#1	1.161835	.0058766	.0050050	56.01252	.1000997	.0884342
#2	1.160721	.0055875	.0049476	56.07997	.1002017	.0891596
#3	1.159683	.0058615	.0051889	55.75438	.0993110	.0886820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1916384**	**154.0903**	**8.183429**	**25.21533**	**.1457203**	**-.010709**
Stddev	.0006597	.2533	.001647	.08407	.0007620	.000780
%RSD	.3442230	.1643577	.0201311	.3334203	.5229027	7.286311
#1	.1919362	154.2658	8.185316	25.26682	.1462307	-.009838
#2	.1920967	154.2051	8.182689	25.11831	.1448444	-.011345
#3	.1908824	153.8000	8.182281	25.26086	.1460857	-.010944

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.110943**	**.1409300**	**1.006488**	**2.953465**	F **11.62711**	**-.022565**
Stddev	.620037	.0029269	.002983	.204958	.02377	.002126
%RSD	558.8782	2.076833	.2963983	6.939588	.2044024	9.419846
#1	-.629506	.1381981	1.003350	3.046915	11.60621	-.020378
#2	-.279172	.1405729	1.006828	2.718436	11.62216	-.022694
#3	.575848	.1440191	1.009287	3.095043	11.65296	-.024623

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-12 Acquired: 12/15/2024 23:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026966	2.472481	7.111776	.0296784	.6581910	-.017676
Stddev	.0000654	.013068	.028727	.0016644	.0019721	.000083
%RSD	2.423744	.5285183	.4039359	5.608060	.2996237	.4722049
#1	.0026223	2.462317	7.081910	.0282550	.6565894	-.017687
#2	.0027222	2.467904	7.114208	.0315084	.6603937	-.017753
#3	.0027453	2.487221	7.139210	.0292718	.6575899	-.017587

Elem	Li6707
Units	ppm
Avg	.1138752
Stddev	.0038269
%RSD	3.360613
#1	.1140904
#2	.1099452
#3	.1175900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.762	34818.34	3236.256	2424.480	3297.363
Stddev	8.845	70.03	6.111	6.412	7.452
%RSD	.3083294	.2011233	.1888368	.2644884	.2259881
#1	2861.431	34844.71	3236.957	2431.121	3290.891
#2	2878.586	34738.96	3241.986	2418.324	3305.510
#3	2866.268	34871.36	3229.824	2423.996	3295.689

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-13 Acquired: 12/15/2024 23:17:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929610	.0212932	.9341226	-.002554	.0253922	78.55219
Stddev	.0038152	.0015075	.0048540	.001516	.0022824	.07755
%RSD	4.104098	7.079871	.5196267	59.34890	8.988489	.0987192
#1	.0964964	.0229541	.9331563	-.001616	.0241362	78.51731
#2	.0934695	.0209141	.9298244	-.001743	.0280267	78.64105
#3	.0889170	.0200114	.9393870	-.004303	.0240137	78.49820

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.667132	.0068529	.0067423	109.6062	.1131038	.1085420
Stddev	.003739	.0000904	.0000399	.0319	.0004253	.0007325
%RSD	.2242884	1.318718	.5911365	.0290676	.3760473	.6748911
#1	1.663573	.0068380	.0067370	109.6376	.1126600	.1086035
#2	1.671028	.0069497	.0067054	109.6071	.1135079	.1077807
#3	1.666795	.0067708	.0067846	109.5739	.1131436	.1092419

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3391131	168.6951	8.690927	33.70013	.1658527	-.009635
Stddev	.0048472	.1380	.014611	.08347	.0001376	.001388
%RSD	1.429365	.0817838	.1681154	.2476948	.0829626	14.40426
#1	.3388372	168.6297	8.677288	33.62774	.1658321	-.009768
#2	.3440922	168.8536	8.706346	33.79144	.1657266	-.010952
#3	.3344097	168.6020	8.689148	33.68121	.1659994	-.008186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3667574	.1621428	1.097809	6.840046	F 16.31428	.0090992
Stddev	.1701627	.0122140	.010850	.112664	.04245	.0011566
%RSD	46.39652	7.532846	.9883515	1.647123	.2601871	12.71081
#1	.5254237	.1487846	1.109621	6.950721	16.31728	.0094488
#2	.1870546	.1649039	1.095521	6.843926	16.27042	.0078081
#3	.3877939	.1727399	1.088285	6.725493	16.35515	.0100406

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-13 Acquired: 12/15/2024 23:17:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049446	4.585259	9.823009	.1225640	.6798491	.0730641
Stddev	.0003170	.021438	.073360	.0030811	.0036610	.0004924
%RSD	6.411319	.4675449	.7468205	2.513842	.5385039	.6739695
#1	.0052999	4.574084	9.772416	.1202135	.6763263	.0724959
#2	.0046905	4.571716	9.907144	.1214264	.6795868	.0733299
#3	.0048435	4.609975	9.789466	.1260522	.6836342	.0733664

Elem	Li6707
Units	ppm
Avg	.1351780
Stddev	.0061493
%RSD	4.549065
#1	.1301699
#2	.1420414
#3	.1333228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.611	33589.15	3148.638	2345.442	3126.042
Stddev	3.559	268.73	20.672	23.847	4.629
%RSD	.1287668	.8000389	.6565510	1.016747	.1480797
#1	2764.322	33484.72	3168.155	2334.257	3126.313
#2	2766.761	33388.31	3126.977	2329.244	3130.529
#3	2759.751	33894.41	3150.783	2372.826	3121.283

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-14 Acquired: 12/15/2024 23:21:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0436625**	**.0251278**	**.2755023**	**-.015784**	**.0163941**	**70.44852**
Stddev	.0062771	.0007070	.0027687	.006876	.0014631	.68678
%RSD	14.37629	2.813746	1.004951	43.55979	8.924388	.9748723
#1	.0497113	.0253350	.2768632	-.008597	.0147444	70.65460
#2	.0371797	.0257080	.2723166	-.022299	.0169037	71.00867
#3	.0440964	.0243403	.2773271	-.016456	.0175342	69.68230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.424159**	**.0053015**	**.0049996**	**161.2495**	**.0987105**	**.0979011**
Stddev	.015808	.0001781	.0000628	1.3896	.0002679	.0000535
%RSD	1.109975	3.359821	1.256447	.8617514	.2714216	.0546823
#1	1.428447	.0053549	.0049971	161.7276	.0990155	.0979209
#2	1.437380	.0054468	.0049381	162.3368	.0985131	.0978405
#3	1.406649	.0051028	.0050636	159.6840	.0986028	.0979419

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2005830**	**143.7385**	**7.481866**	**38.94837**	**.1302555**	**-.008923**
Stddev	.0021434	1.3647	.077924	.33195	.0001275	.000655
%RSD	1.068563	.9494293	1.041499	.8522712	.0979030	7.343099
#1	.2012705	144.2852	7.512560	39.08487	.1303217	-.009609
#2	.2022982	144.7450	7.539769	39.19030	.1301084	-.008304
#3	.1981802	142.1852	7.393270	38.56994	.1303362	-.008855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.123286**	**.1218907**	**.7633730**	**4.790571**	F **13.90354**	**.0030546**
Stddev	.635360	.0128945	.0054170	.074753	.07405	.0007401
%RSD	515.3564	10.57874	.7096206	1.560422	.5325777	24.22900
#1	-.852837	.1297372	.7571199	4.801987	13.85732	.0035352
#2	.308562	.1289262	.7666363	4.858960	13.86435	.0034263
#3	.174418	.1070088	.7663628	4.710767	13.98894	.0022023

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-14 Acquired: 12/15/2024 23:21:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036390	3.515626	9.502164	.0314586	.5926381	.1008210
Stddev	.0000723	.014057	.092801	.0002876	.0074433	.0010565
%RSD	1.986458	.3998395	.9766354	.9141008	1.255967	1.047893
#1	.0035633	3.509215	9.566738	.0315280	.5905860	.1013397
#2	.0036465	3.505918	9.543937	.0317052	.6008922	.1015179
#3	.0037073	3.531746	9.395818	.0311427	.5864361	.0996054

Elem	Li6707
Units	ppm
Avg	.1162827
Stddev	.0066060
%RSD	5.680967
#1	.1161027
#2	.1097685
#3	.1229768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.437	32884.48	3148.097	2297.621	3106.442
Stddev	7.205	111.70	18.645	17.916	5.764
%RSD	.2643684	.3396888	.5922563	.7797703	.1855453
#1	2717.413	32984.47	3137.064	2311.441	3102.215
#2	2731.355	32905.06	3137.603	2304.043	3113.008
#3	2727.542	32763.92	3169.624	2277.379	3104.105

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-15 Acquired: 12/15/2024 23:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0425865**	**.0210263**	**.2556516**	**-.013018**	**.0160599**	**59.07041**
Stddev	.0055674	.0022245	.0051052	.001086	.0009125	.18405
%RSD	13.07320	10.57976	1.996944	8.345444	5.681744	.3115692
#1	.0403522	.0216649	.2536978	-.014086	.0158208	59.27135
#2	.0489240	.0185523	.2518118	-.011914	.0170681	58.91002
#3	.0384833	.0228617	.2614452	-.013054	.0152908	59.02985

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.117857**	**.0050762**	**.0040396**	**196.9052**	**.0847932**	**.0935446**
Stddev	.006062	.0001098	.0001166	.4635	.0006726	.0003120
%RSD	.5422711	2.163013	2.885642	.2353938	.7932628	.3335521
#1	1.124768	.0049640	.0039558	197.3316	.0846190	.0937078
#2	1.113440	.0050812	.0039903	196.9719	.0855358	.0931848
#3	1.115363	.0051835	.0041727	196.4119	.0842248	.0937411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1935461**	**134.6247**	**6.263512**	**50.09168**	**.1220534**	**-.007708**
Stddev	.0015411	.6450	.029847	.23815	.0006797	.000115
%RSD	.7962444	.4791225	.4765143	.4754315	.5568842	1.492664
#1	.1938805	135.3585	6.294931	50.22048	.1224603	-.007743
#2	.1948925	134.1471	6.235537	49.81686	.1212688	-.007802
#3	.1918652	134.3685	6.260068	50.23769	.1224313	-.007580

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2004460**	**.1233606**	**.6056533**	**4.845474**	F **10.56719**	**.0002274**
Stddev	.6202896	.0060831	.0087500	.139059	.02572	.0028987
%RSD	309.4547	4.931171	1.444715	2.869866	.2434216	1274.507
#1	.5029605	.1167031	.6062644	4.753808	10.58517	.0035687
#2	-.513059	.1286291	.6140816	5.005479	10.53772	-.001272
#3	.611437	.1247495	.5966137	4.777135	10.57868	-.001614

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-15 Acquired: 12/15/2024 23:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026415	2.917220	8.625371	.0432079	.7296582	.1128160
Stddev	.0001099	.009525	.059511	.0005364	.0066802	.0005160
%RSD	4.158780	.3265036	.6899542	1.241492	.9155262	.4573885
#1	.0027681	2.923401	8.569707	.0436103	.7373540	.1130257
#2	.0025705	2.906251	8.688099	.0425989	.7253560	.1122282
#3	.0025860	2.922007	8.618307	.0434145	.7262646	.1131942

Elem	Li6707
Units	ppm
Avg	.1179067
Stddev	.0021536
%RSD	1.826499
#1	.1154203
#2	.1191846
#3	.1191152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.080	32287.36	3084.657	2255.273	3096.076
Stddev	11.644	395.72	27.097	27.762	12.614
%RSD	.4351073	1.225631	.8784559	1.230961	.4074220
#1	2687.194	32700.56	3113.011	2283.088	3107.465
#2	2677.076	31911.81	3081.940	2227.565	3098.244
#3	2663.970	32249.70	3059.021	2255.166	3082.518

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-16 Acquired: 12/15/2024 23:28:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0574276**	**.0335891**	**.2099754**	**-.034616**	**.0132170**	**42.79134**
Stddev	.0001526	.0020177	.0033128	.007036	.0034620	.32263
%RSD	.2657648	6.006859	1.577707	20.32661	26.19369	.7539613
#1	.0574901	.0312906	.2071580	-.036908	.0152200	42.43257
#2	.0575391	.0344090	.2091433	-.040220	.0092194	42.88378
#3	.0572537	.0350679	.2136249	-.026719	.0152117	43.05765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5794273**	**.0048687**	**.0035569**	F **1026.897**	**.0732005**	**.1104176**
Stddev	.0022763	.0001441	.0001080	5.185	.0011786	.0008668
%RSD	.3928537	2.959708	3.036289	.5048921	1.610142	.7849840
#1	.5781572	.0048448	.0036751	1021.588	.0744448	.1094350
#2	.5780695	.0047381	.0034634	1027.156	.0721009	.1110739
#3	.5820553	.0050233	.0035323	1031.948	.0730558	.1107438

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1735601**	**165.4932**	**6.976703**	**445.6537**	**.1226169**	**-.012286**
Stddev	.0005579	.9859	.037332	2.0831	.0005792	.000252
%RSD	.3214285	.5957467	.5350927	.4674230	.4723568	2.051399
#1	.1741581	164.3552	6.937039	443.3752	.1220952	-.012265
#2	.1730537	166.0354	6.981914	446.1253	.1225153	-.012045
#3	.1734686	166.0890	7.011156	447.4605	.1232402	-.012548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6601744**	**.1366278**	**.5240473**	**4.234251**	**7.457110**	**-.003221**
Stddev	.5173464	.0108362	.0086165	.057036	.006261	.002919
%RSD	78.36511	7.931185	1.644230	1.347006	.0839663	90.62289
#1	.9426236	.1466268	.5339341	4.213646	7.463648	-.003975
#2	.0630834	.1381428	.5200698	4.298726	7.456514	.000001
#3	.9748162	.1251138	.5181379	4.190382	7.451167	-.005689

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-16 Acquired: 12/15/2024 23:28:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011061	1.840381	6.877056	.0222666	.5162835	.3646661
Stddev	.0003558	.007658	.051342	.0021593	.0017725	.0014579
%RSD	32.16656	.4161363	.7465660	9.697228	.3433186	.3997936
#1	.0007795	1.848825	6.833154	.0238539	.5160444	.3630901
#2	.0010535	1.838436	6.864505	.0231382	.5181634	.3659667
#3	.0014852	1.833883	6.933510	.0198078	.5146427	.3649414

Elem	Li6707
Units	ppm
Avg	.1616770
Stddev	.0026553
%RSD	1.642376
#1	.1621837
#2	.1640425
#3	.1588048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.831	29984.53	2990.819	2066.197	2638.641
Stddev	10.386	352.15	22.889	19.380	12.176
%RSD	.4267320	1.174430	.7653086	.9379652	.4614567
#1	2444.736	29889.50	3014.095	2064.185	2652.182
#2	2432.702	29689.65	2990.024	2047.901	2635.147
#3	2424.057	30374.44	2968.337	2086.504	2628.594

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-17 Acquired: 12/15/2024 23:32:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0937953**	**.0122472**	**1.465380**	**.0042605**	**.0214147**	**57.35888**
Stddev	.0064335	.0017439	.005329	.0010367	.0008006	.20232
%RSD	6.859049	14.23929	.3636671	24.33372	3.738406	.3527218
#1	.0982959	.0123090	1.462974	.0047826	.0220526	57.49418
#2	.0864266	.0139594	1.461678	.0049324	.0205163	57.12630
#3	.0966635	.0104732	1.471488	.0030665	.0216752	57.45616

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9792372**	**.0053038**	**.0052769**	**51.26878**	**.0959158**	**.0781282**
Stddev	.0050655	.0000459	.0001421	.15963	.0008327	.0010710
%RSD	.5172871	.8653253	2.692281	.3113599	.8681996	1.370792
#1	.9830718	.0052664	.0053472	51.33856	.0961779	.0772845
#2	.9734949	.0053550	.0053702	51.08614	.0965860	.0777671
#3	.9811448	.0052901	.0051134	51.38164	.0949835	.0793331

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2275978**	**134.2321**	**5.661597**	**16.70151**	**.1462149**	**-.009261**
Stddev	.0039071	.8408	.033425	.16449	.0007446	.000304
%RSD	1.716682	.6263899	.5903744	.9848572	.5092437	3.285657
#1	.2312480	134.8758	5.682354	16.85157	.1454994	-.008941
#2	.2234764	133.2808	5.623040	16.52565	.1469855	-.009293
#3	.2280690	134.5397	5.679399	16.72731	.1461599	-.009547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.162977**	**.1404292**	**1.009520**	**2.551563**	F **14.02052**	**-.018696**
Stddev	.359465	.0048916	.006781	.128536	.05066	.004456
%RSD	220.5622	3.483345	.6717084	5.037553	.3613080	23.83431
#1	.193356	.1362352	1.006500	2.697488	13.98159	-.014012
#2	-.525493	.1392495	1.004774	2.455126	14.00216	-.022882
#3	-.156793	.1458027	1.017287	2.502076	14.07779	-.019194

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-17 Acquired: 12/15/2024 23:32:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053847	2.978482	7.823830	.0560393	.7316263	.0143144
Stddev	.0001124	.010202	.017637	.0016687	.0031035	.0000402
%RSD	2.088031	.3425392	.2254211	2.977645	.4241896	.2807496
#1	.0054838	2.976668	7.816536	.0566627	.7350080	.0143175
#2	.0052625	2.969308	7.811011	.0573065	.7309624	.0143530
#3	.0054078	2.989470	7.843944	.0541487	.7289084	.0142728

Elem	Li6707
Units	ppm
Avg	.1083668
Stddev	.0030236
%RSD	2.790182
#1	.1050541
#2	.1109782
#3	.1090680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.480	33565.42	3129.517	2327.628	3201.217
Stddev	6.272	166.26	13.719	15.422	11.871
%RSD	.2278563	.4953402	.4383701	.6625537	.3708193
#1	2758.556	33728.98	3145.357	2344.593	3212.537
#2	2752.854	33396.58	3121.434	2314.457	3202.253
#3	2746.029	33570.70	3121.760	2323.833	3188.863

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV033 Acquired: 12/15/2024 23:36:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.897363**	**4.847410**	**24.28753**	**4.679079**	**4.798218**	**384.6534**	**10.07650**
Stddev	.007444	.010541	.03351	.024980	.003119	1.2571	.03002
%RSD	.1520066	.2174645	.1379867	.5338636	.0649980	.3268073	.2979380
#1	4.902110	4.858650	24.31670	4.704672	4.800005	384.5884	10.06989
#2	4.901195	4.845835	24.25092	4.677804	4.794617	385.9417	10.10927
#3	4.888783	4.837745	24.29496	4.654761	4.800032	383.4301	10.05033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4954488**	**2.432232**	**395.6178**	**14.93170**	**2.445840**	**15.12667**	**390.6694**
Stddev	.0031916	.003190	1.4578	.10872	.003434	.07783	1.9920
%RSD	.6441765	.1311572	.3684816	.7281352	.1404095	.5145426	.5098850
#1	.4962138	2.435878	395.0575	15.01306	2.449578	15.12084	389.9611
#2	.4981884	2.429955	397.2727	14.97383	2.442824	15.20725	392.9187
#3	.4919443	2.430864	394.5234	14.80822	2.445117	15.05191	389.1284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.75774**	**389.3723**	**2.455686**	**1.223452**	**391.2151**	**2.464551**	**13.68428**
Stddev	.09334	1.5337	.004648	.008782	1.0226	.015497	.08971
%RSD	.6324668	.3938897	.1892706	.7178153	.2613792	.6288152	.6555831
#1	14.72527	388.6375	2.460811	1.230981	391.8318	2.449120	13.67507
#2	14.86297	391.1352	2.451744	1.225570	391.7787	2.464418	13.77825
#3	14.68497	388.3443	2.454503	1.213805	390.0347	2.480114	13.59953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**150.9163**	**4.900638**	**4.857105**	**4.734705**	**4.916885**	**4.991906**	**4.932097**
Stddev	.1119	.012070	.022839	.010431	.003522	.037078	.011435
%RSD	.0741688	.2462901	.4702159	.2203150	.0716308	.7427576	.2318388
#1	150.9148	4.909368	4.862912	4.746023	4.914760	4.989881	4.941687
#2	151.0289	4.886864	4.876481	4.725477	4.914944	5.029955	4.919442
#3	150.8050	4.905681	4.831924	4.732616	4.920950	4.955882	4.935161

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV033 Acquired: 12/15/2024 23:36:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**4.976101**	**4.752450**	**5.267520**
Stddev	.020984	.020087	.044643
%RSD	.4217013	.4226575	.8475081
#1	4.969184	4.743035	5.243462
#2	4.999670	4.775515	5.319031
#3	4.959448	4.738800	5.240066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1932.472**	**25500.79**	**2501.906**	**1677.727**	**2553.549**
Stddev	6.615	215.45	19.845	17.224	6.494
%RSD	.3422897	.8448890	.7932133	1.026613	.2543219
#1	1925.485	25385.75	2502.064	1675.390	2546.872
#2	1938.638	25367.26	2481.982	1661.791	2559.843
#3	1933.292	25749.34	2521.672	1696.000	2553.931

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB033 Acquired: 12/15/2024 23:40:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002590**	**.0020203**	**.0002030**	**.0002320**	**-.000027**	**-.012978**
Stddev	.005044	.0008797	.0006604	.0052863	.001457	.027986
%RSD	194.7663	43.54296	325.3658	2278.462	5339.763	215.6418
#1	-.001373	.0028274	.0003631	.0055693	-.001096	-.020894
#2	.001734	.0010826	-.000523	.0001285	-.000618	.018113
#3	-.008130	.0021508	.000769	-.005002	.001632	-.036154

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016868**	**-.000032**	**.0000642**	**-.060042**	**-.000583**	**.0000360**
Stddev	.0008243	.000083	.0000478	.022378	.000664	.0005095
%RSD	48.87108	255.6725	74.36920	37.26966	113.9101	1416.385
#1	.0025032	.000027	.0001114	-.054945	-.000155	.0005775
#2	.0017024	.000003	.0000158	-.084529	-.001347	-.000036
#3	.0008547	-.000127	.0000655	-.040653	-.000246	-.000434

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004822**	**-.013858**	**.0008328**	**.0381419**	**.0003579**	**-.000253**
Stddev	.0034456	.042804	.0002898	.0145348	.0000780	.000358
%RSD	714.6059	308.8766	34.79970	38.10726	21.79226	141.3085
#1	.0044535	-.061135	.0011658	.0455911	.0004399	-.000119
#2	-.001713	.022262	.0006381	.0213926	.0002847	.000018
#3	-.001294	-.002700	.0006943	.0474419	.0003492	-.000659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.836525**	**-.013057**	**-.017217**	**.8255356**	**.0008956**	**.0096406**
Stddev	.151144	.004335	.004283	.1522722	.0020696	.0009385
%RSD	18.06806	33.19786	24.87401	18.44526	231.0890	9.735174
#1	-.792880	-.015177	-.018251	.6593859	-.001164	.0089277
#2	-.712006	-.008070	-.020888	.8587856	.002975	.0092901
#3	-1.00469	-.015923	-.012512	.9584354	.000875	.0107039

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB033 Acquired: 12/15/2024 23:40:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000811	-.005642	.0010783	-.000646	.0024332	.0002821
Stddev	.0001046	.001467	.0005026	.000665	.0042079	.0002385
%RSD	128.9051	25.99898	46.61317	102.9272	172.9401	84.54184
#1	.0001971	-.006383	.0016578	-.000404	.0057594	.0004367
#2	-.000006	-.006590	.0008166	-.000136	-.002297	.0000074
#3	.000052	-.003952	.0007606	-.001397	.003837	.0004022

Elem	Li6707
Units	ppm
Avg	F .0155746
Stddev	.0068930
%RSD	44.25795
#1	.0216300
#2	.0170203
#3	.0080734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.182	28473.86	2607.522	1969.238	3261.300
Stddev	9.719	65.39	2.558	4.777	7.103
%RSD	.4139107	.2296648	.0980885	.2425566	.2178055
#1	2343.008	28549.35	2606.905	1974.635	3255.296
#2	2359.394	28434.30	2605.329	1967.521	3269.142
#3	2342.143	28437.95	2610.332	1965.557	3259.463

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-18 Acquired: 12/15/2024 23:44:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007970	.0086632	1.438009	.0046396	.0245647	60.85424	1.003159
Stddev	.0014721	.0030568	.006240	.0032796	.0010825	.14722	.002656
%RSD	1.460453	35.28524	.4339181	70.68777	4.406611	.2419247	.2647842
#1	.1015879	.0101795	1.435152	.0017515	.0234788	60.99764	1.005790
#2	.0990985	.0106655	1.433709	.0082050	.0245714	60.86159	1.003209
#3	.1017046	.0051447	1.445166	.0039622	.0256437	60.70348	1.000478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056405	.0049887	40.47417	.0919895	.0756792	.2562555	144.8678
Stddev	.0001917	.0001523	.14093	.0014568	.0009496	.0046364	.6783
%RSD	3.397782	3.052182	.3482030	1.583690	1.254753	1.809301	.4682515
#1	.0058615	.0051262	40.63536	.0927451	.0755442	.2558956	145.6377
#2	.0055199	.0048251	40.37419	.0903101	.0748043	.2610614	144.6074
#3	.0055400	.0050148	40.41298	.0929132	.0766890	.2518096	144.3582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.050457	18.79396	.1344662	-.010045	-.354308	.1496460	.9174877
Stddev	.028617	.11806	.0001406	.000558	.903847	.0129177	.0202999
%RSD	.4729769	.6281989	.1045555	5.558570	255.1024	8.632188	2.212549
#1	6.083488	18.90416	.1343073	-.010687	.017900	.1446811	.9150801
#2	6.033123	18.80836	.1345746	-.009769	-1.38483	.1643096	.8984990
#3	6.034760	18.66936	.1345167	-.009678	.30400	.1399473	.9388840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.622884	7.141282	-.012223	.0036857	2.073512	7.768535	.0625694
Stddev	.081526	.016439	.001817	.0001487	.002413	.050511	.0008351
%RSD	3.108267	.2301966	14.86679	4.035581	.1163743	.6502039	1.334613
#1	2.530806	7.130488	-.014135	.0038567	2.071270	7.826857	.0635010
#2	2.651960	7.133156	-.010518	.0035858	2.073200	7.738847	.0623191
#3	2.685886	7.160201	-.012016	.0036148	2.076065	7.739901	.0618882

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-18 Acquired: 12/15/2024 23:44:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6937562	-.037024	.1070783
Stddev	.0050421	.000219	.0015417
%RSD	.7267792	.5906687	1.439791
#1	.6977401	-.037263	.1068711
#2	.6880874	-.036834	.1087131
#3	.6954411	-.036975	.1056506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.631	32644.47	3018.620	2271.022	3237.721
Stddev	6.107	340.14	15.864	30.613	6.276
%RSD	.2279758	1.041962	.5255233	1.347964	.1938517
#1	2683.514	32540.68	3003.705	2262.882	3244.111
#2	2680.594	33024.42	3016.870	2304.882	3237.487
#3	2671.784	32368.31	3035.286	2245.303	3231.565

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-19 Acquired: 12/15/2024 23:48:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748053	.0078947	.7876163	.0001085	.0227998	62.34995	.8716726
Stddev	.0011969	.0013655	.0075541	.0020884	.0010726	.04932	.0015956
%RSD	1.599947	17.29619	.9591140	1925.095	4.704281	.0791052	.1830518
#1	.0757809	.0080530	.7845320	-.002008	.0229114	62.31798	.8717001
#2	.0734698	.0064570	.7820922	.002168	.0216758	62.40675	.8732543
#3	.0751652	.0091741	.7962245	.000166	.0238122	62.32511	.8700634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053731	.0037658	55.10500	.0823153	.0755440	.1878937	144.2875
Stddev	.0000163	.0001220	.20364	.0009896	.0001589	.0051948	.2606
%RSD	.3041375	3.239399	.3695431	1.202145	.2103475	2.764775	.1806214
#1	.0053590	.0036268	55.01578	.0815533	.0755437	.1854879	144.2457
#2	.0053694	.0038154	55.33802	.0819588	.0753852	.1938554	144.5664
#3	.0053910	.0038551	54.96121	.0834337	.0757030	.1843380	144.0502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.585227	22.42640	.1059142	-.010089	-.230305	.1382741	.5538112
Stddev	.006693	.05286	.0007906	.000563	.636887	.0130916	.0055573
%RSD	.1198394	.2356878	.7464345	5.579917	276.5401	9.467863	1.003469
#1	5.592735	22.37309	.1050164	-.010384	.409961	.1474122	.5581447
#2	5.579886	22.42731	.1062195	-.009440	-.237120	.1441338	.5475458
#3	5.583059	22.47879	.1065065	-.010444	-.863758	.1232761	.5557432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.658994	6.184895	-.021157	.0030478	1.451721	7.362189	.0540904
Stddev	.063146	.062718	.001670	.0003448	.011433	.055857	.0009690
%RSD	3.806305	1.014052	7.891625	11.31117	.7875270	.7587026	1.791447
#1	1.674271	6.134436	-.022487	.0027295	1.440934	7.328728	.0532313
#2	1.713099	6.165136	-.019284	.0030001	1.450523	7.331168	.0551408
#3	1.589610	6.255113	-.021702	.0034140	1.463705	7.426672	.0538990

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-19 Acquired: 12/15/2024 23:48:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6711656	-.027228	.1022917
Stddev	.0056101	.000187	.0031027
%RSD	.8358756	.6851278	3.033139
#1	.6706475	-.027436	.0987176
#2	.6770168	-.027174	.1038651
#3	.6658325	-.027075	.1042924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.981	31876.68	2982.631	2224.125	3219.282
Stddev	8.125	194.21	20.510	6.967	13.253
%RSD	.3091739	.6092397	.6876637	.3132256	.4116819
#1	2629.482	31653.89	2979.243	2217.386	3224.877
#2	2635.251	32010.19	3004.624	2231.299	3228.821
#3	2619.210	31965.96	2964.025	2223.691	3204.149

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-20 Acquired: 12/15/2024 23:51:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1406541**	**.0222313**	**.2431763**	**.0012893**	**.0335590**	**62.19006**
Stddev	.0028981	.0026534	.0016560	.0011225	.0016743	.15396
%RSD	2.060407	11.93522	.6809664	87.06413	4.989006	.2475574
#1	.1418534	.0200096	.2434588	.0019893	.0318198	62.16442
#2	.1427601	.0251692	.2413973	-.000005	.0351597	62.35523
#3	.1373490	.0215150	.2446728	.001884	.0336973	62.05054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8572186**	**.0062692**	**.0053952**	**68.68969**	**.1000087**	**.1094665**
Stddev	.0006879	.0000996	.0001876	.19253	.0005397	.0009424
%RSD	.0802474	1.588775	3.477821	.2802864	.5396785	.8609493
#1	.8572004	.0061957	.0054853	68.80109	.0993911	.1098574
#2	.8565400	.0063826	.0051795	68.80060	.1003901	.1083915
#3	.8579155	.0062294	.0055208	68.46738	.1002448	.1101506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2463360**	**214.4611**	**14.40055**	**32.53853**	**.2096614**	**-.015611**
Stddev	.0016041	.4160	.02322	.12882	.0007607	.000439
%RSD	.6511899	.1939857	.1612254	.3959030	.3628352	2.812962
#1	.2445277	214.3972	14.41311	32.47583	.2089168	-.015572
#2	.2468926	214.9054	14.41478	32.68670	.2096300	-.016068
#3	.2475876	214.0807	14.37376	32.45306	.2104373	-.015193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2221453**	**.2039864**	**.4649738**	**3.586735**	F **11.65785**	**-.040358**
Stddev	.2679773	.0068047	.0094764	.067175	.01176	.001325
%RSD	120.6315	3.335861	2.038041	1.872872	.1009167	3.282992
#1	.0990628	.2059693	.4575527	3.605721	11.65645	-.041814
#2	.5295521	.1964105	.4756483	3.512110	11.64685	-.039224
#3	.0378211	.2095795	.4617204	3.642373	11.67025	-.040035

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-20 Acquired: 12/15/2024 23:51:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029410	.8663334	8.246889	.0213998	.7159543	-.063289
Stddev	.0002217	.0045330	.052112	.0007703	.0052716	.000306
%RSD	7.537161	.5232343	.6319010	3.599738	.7363009	.4835122
#1	.0030570	.8650445	8.248396	.0208410	.7169560	-.063291
#2	.0026854	.8713712	8.298232	.0210799	.7206532	-.063594
#3	.0030806	.8625844	8.194040	.0222786	.7102538	-.062982

Elem	Li6707
Units	ppm
Avg	.1265606
Stddev	.0034472
%RSD	2.723768
#1	.1227501
#2	.1274693
#3	.1294625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.277	36128.10	3421.932	2514.703	3155.011
Stddev	3.838	114.87	30.529	7.291	4.589
%RSD	.1290530	.3179629	.8921547	.2899386	.1454666
#1	2970.918	36167.45	3428.094	2518.936	3151.702
#2	2978.461	35998.72	3388.792	2506.284	3160.251
#3	2973.452	36218.12	3448.910	2518.889	3153.082

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-21 Acquired: 12/15/2024 23:55:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088633	.0078955	.2501499	.0121315	.0353586	73.81577	.8810170
Stddev	.0031809	.0029329	.0040144	.0044016	.0029719	1.39968	.0174567
%RSD	2.921881	37.14635	1.604782	36.28251	8.405021	1.896181	1.981425
#1	.1065081	.0056837	.2467409	.0070772	.0338377	72.22801	.8611281
#2	.1124818	.0067804	.2491343	.0151219	.0387832	74.87112	.8938005
#3	.1076001	.0112224	.2545746	.0141954	.0334551	74.34820	.8881223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071539	.0051316	30.35915	.1063373	.0983336	.2091470	204.6741
Stddev	.0001820	.0001540	.68828	.0004639	.0004322	.0086016	3.9114
%RSD	2.544259	3.001840	2.267114	.4363003	.4395577	4.112724	1.911054
#1	.0071065	.0052933	29.58809	.1059981	.0986257	.2037960	200.2435
#2	.0073549	.0049866	30.91147	.1061478	.0978371	.2190691	207.6487
#3	.0070003	.0051147	30.57790	.1068660	.0985380	.2045759	206.1302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78605	21.43316	.1982722	-.014459	.2169258	.1864809	.3951865
Stddev	.19726	.40405	.0019225	.000452	.3540671	.0008351	.0076495
%RSD	1.828849	1.885155	.9696095	3.126515	163.2204	.4478221	1.935664
#1	10.56089	20.97286	.1965670	-.014963	.5659073	.1872330	.3892841
#2	10.92846	21.72925	.1978940	-.014089	.2268867	.1866273	.3924470
#3	10.86880	21.59738	.2003557	-.014325	-.142017	.1855822	.4038286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.553380	4.140293	-.048894	.0050226	.5778609	8.606340	.0233035
Stddev	.151716	.024575	.002809	.0005251	.0020866	.016885	.0015213
%RSD	4.269614	.5935659	5.746048	10.45385	.3610965	.1961930	6.528119
#1	3.382124	4.115273	-.052069	.0055371	.5761122	8.590864	.0227323
#2	3.670966	4.141209	-.047885	.0050431	.5772998	8.624348	.0221506
#3	3.607050	4.164398	-.046729	.0044876	.5801707	8.603808	.0250277

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5039-21 Acquired: 12/15/2024 23:55:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9720330	-.121350	.1389831
Stddev	.0233959	.002553	.0044667
%RSD	2.406907	2.103946	3.213811
#1	.9465113	-.118444	.1353948
#2	.9924654	-.123232	.1439857
#3	.9771222	-.122373	.1375688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.028	35746.99	3387.526	2490.809	3184.155
Stddev	13.114	26.20	14.222	1.634	16.097
%RSD	.4436373	.0733033	.4198207	.0656082	.5055492
#1	2969.031	35745.68	3402.954	2491.329	3199.824
#2	2956.245	35773.82	3374.940	2488.979	3184.982
#3	2942.806	35721.46	3384.684	2492.121	3167.660

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-01 Acquired: 12/15/2024 23:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1586510**	**.0236727**	**1.290022**	**.0016955**	**.0260722**	**73.06554**	**1.375854**
Stddev	.0050145	.0017823	.002697	.0053075	.0020535	.20637	.006462
%RSD	3.160693	7.529028	.2090963	313.0395	7.876330	.2824480	.4696365
#1	.1605190	.0224007	1.291244	.0077146	.0275316	73.22359	1.377420
#2	.1624633	.0229076	1.286930	-.002312	.0269610	72.83206	1.368753
#3	.1529706	.0257098	1.291892	-.000316	.0237240	73.14096	1.381389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072253**	**.0093444**	**83.14545**	**.1133599**	**.1197780**	**.3023067**	**179.7720**
Stddev	.0001876	.0000398	.28882	.0003310	.0005094	.0020711	.8774
%RSD	2.596739	.4263702	.3473730	.2919763	.4252568	.6850950	.4880852
#1	.0074414	.0093439	83.33647	.1136127	.1196595	.3042341	180.1470
#2	.0071042	.0093049	82.81318	.1129853	.1193383	.3001170	178.7694
#3	.0071303	.0093845	83.28669	.1134816	.1203361	.3025691	180.3997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.77110**	**33.41522**	**.1909983**	**-.010120**	**-.285830**	**.1593477**	**.9300372**
Stddev	.06507	.14614	.0008824	.000877	.606918	.0031229	.0061626
%RSD	.4405546	.4373522	.4619876	8.661233	212.3355	1.959825	.6626145
#1	14.81174	33.56115	.1919520	-.010433	-.303248	.1609668	.9267703
#2	14.69604	33.26887	.1902109	-.010797	-.883852	.1557477	.9261959
#3	14.80551	33.41563	.1908321	-.009130	.329610	.1613287	.9371454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.637250**	**7.472421**	**-.019228**	**.0064461**	**2.768953**	**8.331872**	**.0996679**
Stddev	.249409	.016176	.000983	.0001142	.001462	.069705	.0015603
%RSD	3.757714	.2164756	5.110244	1.771342	.0528103	.8366096	1.565527
#1	6.409087	7.488710	-.018656	.0063429	2.768470	8.409972	.0994451
#2	6.599143	7.456360	-.020363	.0065688	2.767794	8.309677	.0982310
#3	6.903519	7.472192	-.018666	.0064267	2.770596	8.275967	.1013277

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-01 Acquired: 12/15/2024 23:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5074309	-.018037	.1202880
Stddev	.0081487	.000540	.0042925
%RSD	1.605870	2.991885	3.568545
#1	.5140578	-.018428	.1244361
#2	.4983326	-.017421	.1205635
#3	.5099024	-.018262	.1158643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.276	33866.07	3179.481	2370.398	3192.667
Stddev	6.609	179.45	17.094	12.588	8.835
%RSD	.2362678	.5298803	.5376391	.5310541	.2767215
#1	2797.287	33963.11	3160.462	2378.862	3188.807
#2	2803.880	33976.10	3193.563	2376.400	3202.775
#3	2790.662	33658.99	3184.418	2355.932	3186.419

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-02 Acquired: 12/16/2024 0:03:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1305265	.0294753	.7182744	.0051212	.0305052	74.30214	1.329653
Stddev	.0016836	.0005243	.0013182	.0035863	.0010308	.09731	.001676
%RSD	1.289822	1.778868	.1835242	70.02903	3.379194	.1309631	.1260428
#1	.1287238	.0300727	.7178510	.0069060	.0310076	74.37477	1.331571
#2	.1320581	.0290917	.7172199	.0009927	.0293195	74.19158	1.328472
#3	.1307976	.0292615	.7197523	.0074649	.0311885	74.34007	1.328915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070294	.0080353	100.9100	.1144042	.1274089	.2402889	196.9467
Stddev	.0000557	.0001614	.1878	.0005226	.0013069	.0024282	.6219
%RSD	.7918246	2.008272	.1860920	.4567795	1.025774	1.010539	.3157641
#1	.0070800	.0078974	100.7193	.1140854	.1259279	.2411840	197.6292
#2	.0069698	.0079956	100.9159	.1150073	.1284007	.2375402	196.7987
#3	.0070384	.0082127	101.0947	.1141200	.1278981	.2421425	196.4122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.30168	32.28291	.1776850	-.011388	.1746829	.1467753	.6375549
Stddev	.04967	.21928	.0002952	.000300	.6245196	.0102451	.0119494
%RSD	.3046991	.6792565	.1661166	2.634878	357.5161	6.980146	1.874252
#1	16.35561	32.47737	.1773672	-.011121	.7829549	.1353581	.6254756
#2	16.25780	32.04524	.1779505	-.011713	-.464906	.1498010	.6493699
#3	16.29164	32.32612	.1777374	-.011331	.206000	.1551669	.6378193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.875910	6.528455	-.024246	.0063146	2.249074	8.522788	.0862467
Stddev	.062984	.020488	.002350	.0003990	.010407	.084539	.0014888
%RSD	1.071903	.3138302	9.691110	6.318833	.4627055	.9919159	1.726187
#1	5.849838	6.526860	-.026659	.0059067	2.255259	8.599828	.0876844
#2	5.830149	6.508811	-.024116	.0063331	2.237059	8.536186	.0863441
#3	5.947744	6.549694	-.021965	.0067040	2.254904	8.432351	.0847116

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-02 Acquired: 12/16/2024 0:03:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4421759	-.037708	.1119815
Stddev	.0037139	.000736	.0050675
%RSD	.8399088	1.952953	4.525327
#1	.4430058	-.038228	.1062455
#2	.4381173	-.038030	.1138476
#3	.4454047	-.036865	.1158513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2800.434	33929.86	3182.157	2364.366	3162.439
Stddev	16.408	76.54	18.403	7.598	20.223
%RSD	.5858942	.2255712	.5783041	.3213436	.6394593
#1	2819.358	33985.64	3169.769	2371.113	3185.431
#2	2790.189	33842.60	3173.398	2356.136	3147.412
#3	2791.755	33961.34	3203.302	2365.849	3154.475

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-03 Acquired: 12/16/2024 0:07:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1685278**	**.0571950**	**.6032984**	**.0035944**	**.0296615**	**77.67177**
Stddev	.0063835	.0013683	.0015498	.0037770	.0031921	.09166
%RSD	3.787805	2.392409	.2568889	105.0789	10.76189	.1180089
#1	.1635632	.0578330	.6015712	.0049852	.0328864	77.67027
#2	.1662916	.0581278	.6045676	.0064789	.0265032	77.76417
#3	.1757285	.0556242	.6037564	-.000681	.0295948	77.58087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.868927**	**.0061332**	**.0113314**	**221.3194**	**.1165173**	**.1582751**
Stddev	.006241	.0000863	.0001238	.5088	.0004599	.0006838
%RSD	.3339611	1.406453	1.092806	.2299133	.3946759	.4320512
#1	1.873494	.0062197	.0112120	221.1182	.1161405	.1574875
#2	1.871472	.0060471	.0113230	221.8981	.1163816	.1586210
#3	1.861815	.0061330	.0114593	220.9419	.1170297	.1587169

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2664048**	**215.8942**	F **31.98679**	**83.52485**	**.2132559**	**-.009607**
Stddev	.0017552	.2703	.06666	.11886	.0009169	.000397
%RSD	.6588276	.1251830	.2084014	.1423084	.4299562	4.136999
#1	.2679596	216.1753	32.06209	83.44305	.2121971	-.010045
#2	.2645016	215.8709	31.96292	83.66120	.2137773	-.009507
#3	.2667533	215.6363	31.93534	83.47030	.2137931	-.009269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.439697**	**.1433634**	**.6466409**	**5.437951**	**6.560251**	**-.016224**
Stddev	.379613	.0133575	.0038375	.046742	.022698	.002816
%RSD	86.33510	9.317238	.5934565	.8595603	.3459855	17.35445
#1	-.137966	.1542157	.6494501	5.472445	6.543283	-.019101
#2	-.315200	.1284454	.6422685	5.456656	6.551437	-.016095
#3	-.865926	.1474290	.6482041	5.384753	6.586034	-.013475

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-03 Acquired: 12/16/2024 0:07:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055176	2.432877	8.559969	.0397551	.3929156	.0134207
Stddev	.0001781	.017962	.046111	.0005445	.0004320	.0004230
%RSD	3.227664	.7382887	.5386821	1.369736	.1099515	3.152112
#1	.0055924	2.414793	8.526151	.0394438	.3924868	.0138452
#2	.0056462	2.433123	8.612494	.0394376	.3933507	.0129991
#3	.0053144	2.450714	8.541263	.0403839	.3929093	.0134178

Elem	Li6707
Units	ppm
Avg	.1279585
Stddev	.0035913
%RSD	2.806594
#1	.1243089
#2	.1314885
#3	.1280782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.150	34976.27	3341.197	2432.573	3006.368
Stddev	12.027	56.41	9.928	11.047	15.841
%RSD	.4164224	.1612752	.2971348	.4541114	.5269039
#1	2901.930	34971.99	3349.903	2432.669	3024.514
#2	2879.767	35034.70	3330.385	2443.572	2995.302
#3	2882.752	34922.13	3343.303	2421.479	2999.288

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-04 Acquired: 12/16/2024 0:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1843063**	**.0630663**	**.6446426**	**.0067668**	**.0310119**	**83.81101**
Stddev	.0030641	.0028655	.0046539	.0042820	.0024913	.16198
%RSD	1.662492	4.543632	.7219344	63.27953	8.033325	.1932645
#1	.1875495	.0662752	.6401898	.0030446	.0338051	83.84996
#2	.1839094	.0621606	.6494744	.0114465	.0302110	83.94996
#3	.1814600	.0607631	.6442634	.0058094	.0290196	83.63311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.959632**	**.0067134**	**.0123468**	**210.1797**	**.1228825**	**.1693995**
Stddev	.005111	.0000606	.0002254	.3647	.0005372	.0010226
%RSD	.2608008	.9030369	1.825818	.1735174	.4371235	.6036450
#1	1.956190	.0067729	.0126027	210.5004	.1227461	.1682561
#2	1.965504	.0067156	.0122603	209.7830	.1224267	.1702264
#3	1.957201	.0066517	.0121774	210.2556	.1234747	.1697159

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2747811**	**228.5097**	F **33.42684**	**85.64134**	**.2334082**	**-.009904**
Stddev	.0077648	.1765	.05576	.23740	.0004638	.000215
%RSD	2.825820	.0772282	.1667973	.2772035	.1987170	2.174050
#1	.2792678	228.6698	33.36429	85.50009	.2337424	-.009705
#2	.2658150	228.5386	33.47131	85.91543	.2328787	-.009874
#3	.2792604	228.3205	33.44492	85.50851	.2336036	-.010132

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.282193**	**.1528662**	**.6828452**	**5.821663**	**7.039485**	**-.022159**
Stddev	.802086	.0053625	.0106477	.163956	.002721	.002619
%RSD	284.2328	3.508003	1.559307	2.816304	.0386530	11.82060
#1	-.077721	.1589231	.6711809	5.863213	7.036680	-.024431
#2	-1.16672	.1487229	.6920434	5.640930	7.042114	-.022751
#3	.39786	.1509527	.6853114	5.960847	7.039659	-.019294

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-04 Acquired: 12/16/2024 0:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060417	2.641408	8.806278	.0433689	.3755475	-.008521
Stddev	.0006318	.018355	.058900	.0015887	.0008446	.000396
%RSD	10.45776	.6949043	.6688445	3.663265	.2249031	4.650610
#1	.0066958	2.640207	8.873586	.0437596	.3764217	-.008550
#2	.0059945	2.660334	8.764170	.0447258	.3747360	-.008902
#3	.0054348	2.623683	8.781077	.0416213	.3754849	-.008111

Elem	Li6707
Units	ppm
Avg	.1274731
Stddev	.0089048
%RSD	6.985620
#1	.1262995
#2	.1369065
#3	.1192133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.958	35949.99	3418.391	2507.720	3023.639
Stddev	4.384	109.58	24.302	6.522	5.965
%RSD	.1480206	.3048080	.7109280	.2600754	.1972664
#1	2965.020	35905.31	3390.584	2505.506	3030.404
#2	2963.918	35869.80	3429.026	2502.593	3019.138
#3	2956.936	36074.85	3435.564	2515.061	3021.375

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-03LX5 Acquired: 12/16/2024 0:14:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305955	.0185474	.1283164	-.008312	.0011076	18.58643	.4537403
Stddev	.0022239	.0013391	.0006929	.001715	.0005179	.08027	.0013364
%RSD	7.268835	7.220113	.5399699	20.63025	46.76120	.4318998	.2945178
#1	.0283223	.0188865	.1277217	-.008172	.0012676	18.62603	.4546301
#2	.0306975	.0170713	.1281502	-.010092	.0015267	18.49405	.4522036
#3	.0327666	.0196843	.1290772	-.006671	.0005286	18.63922	.4543871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015193	.0021996	54.43442	.0284621	.0454959	.0610915	53.24533
Stddev	.0000965	.0000436	.23258	.0006889	.0002048	.0153466	.30433
%RSD	6.351523	1.983421	.4272722	2.420340	.4501217	25.12058	.5715659
#1	.0014990	.0022112	54.45570	.0292446	.0457128	.0777955	53.43938
#2	.0014345	.0021513	54.19193	.0281942	.0454691	.0578631	52.89458
#3	.0016243	.0022363	54.65564	.0279473	.0453058	.0476160	53.40203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.907565	20.37856	.0417712	-.001846	-1.23716	.0273317	.1487513
Stddev	.048397	.09523	.0006610	.000284	1.23580	.0039408	.0090377
%RSD	.6120371	.4673062	1.582475	15.39262	99.88956	14.41838	6.075731
#1	7.924094	20.31932	.0411042	-.001935	-2.66335	.0307680	.1392441
#2	7.853068	20.32794	.0424261	-.001528	-.56506	.0281969	.1497780
#3	7.945532	20.48841	.0417833	-.002076	-.48307	.0230302	.1572319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.685703	1.310113	-.008565	.0015078	.4873535	2.125098	.0079974
Stddev	.115769	.011218	.001297	.0004062	.0023637	.015479	.0011492
%RSD	6.867700	.8562559	15.14875	26.93877	.4850054	.7283781	14.36926
#1	1.795685	1.298008	-.008733	.0010419	.4856958	2.139036	.0093142
#2	1.564906	1.312172	-.007191	.0017875	.4863046	2.108439	.0074807
#3	1.696517	1.320159	-.009769	.0016940	.4900602	2.127819	.0071972

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-03LX5 Acquired: 12/16/2024 0:14:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0939500	.0022967	.0394081
Stddev	.0025929	.0001748	.0019231
%RSD	2.759912	7.611363	4.879984
#1	.0958252	.0024979	.0414221
#2	.0950339	.0022105	.0392110
#3	.0909910	.0021818	.0375911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.197	29794.80	2815.207	2073.777	3172.779
Stddev	14.319	54.80	13.137	6.595	24.079
%RSD	.5789731	.1839191	.4666381	.3180065	.7589388
#1	2489.697	29794.88	2801.645	2078.281	3200.583
#2	2465.867	29739.95	2827.873	2066.207	3158.947
#3	2464.026	29849.55	2816.104	2076.842	3158.806

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-05 Acquired: 12/16/2024 0:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2610883**	**.1573301**	**.6542685**	**.1465237**	**.1672599**	**80.80306**
Stddev	.0017595	.0024129	.0018265	.0006237	.0028023	.13718
%RSD	.6739083	1.533673	.2791638	.4256692	1.675386	.1697758
#1	.2611030	.1546613	.6562912	.1461836	.1671359	80.81867
#2	.2628404	.1593576	.6527400	.1461440	.1645217	80.65874
#3	.2593215	.1579715	.6537741	.1472436	.1701221	80.93178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.166264**	**.0857779**	**.1078235**	**220.6305**	**.4551258**	**1.118668**
Stddev	.014926	.0005928	.0005537	.7424	.0023682	.003237
%RSD	.2889156	.6911255	.5134781	.3365113	.5203446	.2894055
#1	5.174103	.0854308	.1075325	220.7215	.4555746	1.116199
#2	5.149051	.0864624	.1074761	219.8467	.4572375	1.117471
#3	5.175636	.0854405	.1084620	221.3232	.4525652	1.122333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6511261**	**218.6935**	F **32.83261**	**82.76304**	**1.194342**	**.0559779**
Stddev	.0041370	.4063	.05163	.03745	.004083	.0002743
%RSD	.6353623	.1857707	.1572500	.0452508	.3418588	.4899677
#1	.6518203	218.6385	32.82636	82.77838	1.191268	.0557763
#2	.6548721	218.3176	32.78439	82.72035	1.192783	.0558673
#3	.6466859	219.1245	32.88708	82.79038	1.198974	.0562903

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.627625**	**.9765623**	**1.327373**	**5.377289**	**6.671353**	**-.030810**
Stddev	.568746	.0083659	.021153	.058366	.026320	.002075
%RSD	90.61870	.8566660	1.593626	1.085416	.3945177	6.736495
#1	-.671844	.9827321	1.339813	5.312361	6.660277	-.028415
#2	-.038061	.9799147	1.302948	5.425402	6.652382	-.031916
#3	-1.17297	.9670402	1.339356	5.394104	6.701401	-.032098

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-05 Acquired: 12/16/2024 0:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054557	2.497367	8.572598	.0390076	.3879967	.0086673
Stddev	.0008936	.012312	.041614	.0013639	.0020331	.0001731
%RSD	16.37895	.4929966	.4854262	3.496409	.5240001	1.996549
#1	.0058439	2.485240	8.526306	.0378928	.3885541	.0088592
#2	.0060896	2.497004	8.584589	.0386017	.3896930	.0085233
#3	.0044337	2.509856	8.606900	.0405283	.3857431	.0086192

Elem	Li6707
Units	ppm
Avg	.1213704
Stddev	.0065933
%RSD	5.432406
#1	.1288296
#2	.1163209
#3	.1189607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.777	35273.33	3381.416	2464.884	3023.134
Stddev	2.710	45.62	14.341	3.876	2.321
%RSD	.0931454	.1293190	.4241079	.1572379	.0767749
#1	2912.251	35272.95	3394.290	2461.849	3023.855
#2	2906.880	35227.91	3365.959	2463.552	3025.008
#3	2910.199	35319.14	3383.999	2469.250	3020.538

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-06 Acquired: 12/16/2024 0:22:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1083383**	**.0405440**	**.4200829**	**-.018096**	**.0181978**	**72.68405**	**1.120881**
Stddev	.0006357	.0013076	.0035102	.002085	.0010137	.06884	.003588
%RSD	.5868045	3.225009	.8355878	11.52364	5.570475	.0947160	.3201003
#1	.1084770	.0420530	.4201084	-.020503	.0172105	72.76252	1.124343
#2	.1076446	.0398339	.4165601	-.016926	.0192360	72.65583	1.117179
#3	.1088931	.0397453	.4235803	-.016858	.0181468	72.63379	1.121120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063073**	**.0061714**	**436.8648**	**.1077782**	**.1282027**	**.2658177**	**177.1606**
Stddev	.0000521	.0001472	1.0282	.0002498	.0004649	.0051250	.3153
%RSD	.8255772	2.385564	.2353487	.2317654	.3626577	1.928016	.1779624
#1	.0062870	.0063210	438.0519	.1080234	.1286640	.2709993	177.1396
#2	.0062683	.0061665	436.2800	.1075241	.1277342	.2607512	176.8564
#3	.0063664	.0060267	436.2624	.1077871	.1282100	.2657027	177.4859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.87126**	**124.9266**	**.1912216**	**-.010492**	**.2152852**	**.1319023**	**.5985558**
Stddev	.02880	.3777	.0015616	.000661	.6891269	.0162018	.0065939
%RSD	.1814448	.3023076	.8166347	6.303208	320.0996	12.28317	1.101626
#1	15.88794	125.0414	.1922770	-.009733	.2115385	.1501424	.6035473
#2	15.83801	124.5049	.1894277	-.010946	-.471961	.1263835	.5910808
#3	15.88784	125.2336	.1919600	-.010797	.906278	.1191809	.6010392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.338264**	**6.152497**	**.0106097**	**.0014471**	**1.588713**	**7.921059**	**.0251654**
Stddev	.141585	.016807	.0034943	.0001103	.011634	.032349	.0008680
%RSD	1.698013	.2731762	32.93496	7.624441	.7322702	.4083885	3.449158
#1	8.501495	6.166569	.0080471	.0015732	1.590077	7.892409	.0249696
#2	8.264590	6.133887	.0091920	.0014001	1.576458	7.956140	.0244120
#3	8.248707	6.157035	.0145901	.0013681	1.599605	7.914627	.0261146

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-06 Acquired: 12/16/2024 0:22:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3161093	.2312478	.1693170
Stddev	.0011078	.0017517	.0077058
%RSD	.3504610	.7574864	4.551110
#1	.3158375	.2332396	.1781424
#2	.3151626	.2299472	.1639226
#3	.3173277	.2305565	.1658860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2733.381	32818.76	3187.506	2290.229	2976.388
Stddev	10.461	141.09	11.536	6.851	16.074
%RSD	.3827222	.4299088	.3619225	.2991255	.5400600
#1	2723.312	32655.86	3181.399	2282.813	2960.024
#2	2744.195	32902.29	3180.307	2291.550	2992.156
#3	2732.638	32898.13	3200.812	2296.322	2976.985

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-07 Acquired: 12/16/2024 0:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1251758**	**.0238130**	**1.877898**	**-.006416**	**.0283399**	**60.45023**
Stddev	.0005680	.0030737	.000746	.004422	.0031041	.22834
%RSD	.4537607	12.90780	.0397447	68.91353	10.95317	.3777326
#1	.1249342	.0214542	1.877882	-.001960	.0251427	60.52390
#2	.1247685	.0226957	1.877159	-.006486	.0285354	60.63265
#3	.1258246	.0272891	1.878652	-.010803	.0313416	60.19416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.348260**	**.0062683**	**.0071784**	**165.1980**	**.1182611**	**.1010063**
Stddev	.008695	.0000263	.0000553	.5992	.0016642	.0004128
%RSD	.6448978	.4195750	.7698952	.3627275	1.407190	.4086709
#1	1.351986	.0062976	.0072004	165.6632	.1195994	.1005319
#2	1.354471	.0062466	.0071155	165.4089	.1187861	.1012041
#3	1.338323	.0062609	.0072193	164.5218	.1163977	.1012830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4831035**	**177.6788**	**9.547421**	**55.37503**	**.2082913**	**-.011225**
Stddev	.0048077	1.2216	.056614	.21651	.0004854	.000155
%RSD	.9951587	.6875591	.5929813	.3909846	.2330504	1.378265
#1	.4872122	178.2256	9.558739	55.32800	.2083668	-.011089
#2	.4842823	178.5316	9.597521	55.61119	.2077726	-.011194
#3	.4778161	176.2793	9.486002	55.18591	.2087346	-.011394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0505314**	**.1716967**	**1.218795**	**7.219610**	F **14.17114**	**.0062588**
Stddev	.3667150	.0015151	.013876	.240896	.01503	.0012571
%RSD	725.7171	.8824458	1.138504	3.336689	.1060584	20.08536
#1	-.165309	.1727248	1.214088	7.164651	14.17197	.0052509
#2	-.157048	.1699567	1.234412	7.483236	14.15571	.0076675
#3	.473951	.1724087	1.207885	7.010942	14.18574	.0058582

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-07 Acquired: 12/16/2024 0:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062795	4.835586	7.307746	.1164983	.8936313	.1152481
Stddev	.0001401	.011814	.041649	.0003695	.0121326	.0010062
%RSD	2.230613	.2443101	.5699250	.3172022	1.357678	.8730787
#1	.0063990	4.838995	7.354833	.1163265	.8977881	.1149642
#2	.0063141	4.822443	7.292671	.1169225	.9031393	.1163657
#3	.0061254	4.845320	7.275734	.1162460	.8799667	.1144143

Elem	Li6707
Units	ppm
Avg	.1368138
Stddev	.0034199
%RSD	2.499704
#1	.1381971
#2	.1329190
#3	.1393255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2722.125	33069.47	3165.186	2312.326	3095.286
Stddev	7.350	110.05	5.988	10.122	7.779
%RSD	.2700194	.3327827	.1891727	.4377201	.2513082
#1	2728.092	33175.74	3163.555	2321.275	3100.363
#2	2724.369	33076.68	3171.819	2314.361	3099.164
#3	2713.915	32955.99	3160.182	2301.342	3086.331

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-08 Acquired: 12/16/2024 0:30:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1535249**	**.0230622**	**2.012743**	**-.005623**	**.0359271**	**63.62819**
Stddev	.0053447	.0019883	.006092	.004702	.0023174	.16623
%RSD	3.481309	8.621509	.3026848	83.61603	6.450185	.2612557
#1	.1499263	.0251144	2.019269	-.002763	.0340993	63.78541
#2	.1509823	.0229274	2.007204	-.003056	.0351485	63.45421
#3	.1596663	.0211447	2.011757	-.011050	.0385335	63.64496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.565902**	**.0070697**	**.0088110**	**176.6981**	**.1228244**	**.1097851**
Stddev	.002588	.0001454	.0001642	.2433	.0013803	.0004756
%RSD	.1652463	2.057182	1.864052	.1376681	1.123808	.4332356
#1	1.567641	.0072373	.0086722	176.7222	.1231573	.1101609
#2	1.562928	.0069776	.0087686	176.4437	.1213081	.1092504
#3	1.567135	.0069940	.0089923	176.9285	.1240078	.1099440

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6514823**	**197.1285**	**11.59911**	**60.43994**	**.2225061**	**-.012395**
Stddev	.0075102	.4470	.02957	.04338	.0005045	.000396
%RSD	1.152785	.2267568	.2549568	.0717660	.2267601	3.193143
#1	.6432015	197.6441	11.61610	60.47016	.2227353	-.012040
#2	.6578530	196.8898	11.56496	60.39024	.2219276	-.012323
#3	.6533923	196.8514	11.61627	60.45943	.2228553	-.012821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.476986**	**.1753082**	**1.297853**	**5.895127**	F **11.01158**	**-.004603**
Stddev	.086207	.0033636	.016298	.188443	.02225	.001311
%RSD	18.07318	1.918704	1.255729	3.196592	.2020865	28.48100
#1	-.396399	.1730403	1.279953	5.775814	11.03500	-.005981
#2	-.466675	.1791728	1.311834	5.797194	10.99072	-.003372
#3	-.567884	.1737115	1.301771	6.112372	11.00902	-.004456

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-08 Acquired: 12/16/2024 0:30:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053612	4.018445	6.944075	.1569092	.7761700	.0676864
Stddev	.0003985	.012991	.064340	.0018939	.0047624	.0005787
%RSD	7.432633	.3232808	.9265393	1.207003	.6135713	.8550381
#1	.0050662	4.019335	7.015255	.1572368	.7778614	.0680142
#2	.0052029	4.005031	6.890057	.1548728	.7798557	.0670182
#3	.0058145	4.030967	6.926911	.1586179	.7707928	.0680268

Elem	Li6707
Units	ppm
Avg	.1367606
Stddev	.0035672
%RSD	2.608351
#1	.1339413
#2	.1355695
#3	.1407710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.080	33738.75	3196.526	2355.205	3129.026
Stddev	11.350	134.86	23.258	5.183	12.533
%RSD	.4070908	.3997300	.7275931	.2200866	.4005439
#1	2776.289	33868.48	3173.568	2361.147	3116.698
#2	2798.931	33599.28	3220.072	2352.858	3141.754
#3	2789.022	33748.48	3195.939	2351.611	3128.625

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-09 Acquired: 12/16/2024 0:34:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1113440**	**.0338531**	**1.340524**	**-.006525**	**.0301187**	**68.61753**
Stddev	.0029887	.0005600	.009270	.006592	.0011686	2.73303
%RSD	2.684176	1.654144	.6915352	101.0296	3.879800	3.982990
#1	.1084569	.0344125	1.336806	-.008687	.0295752	70.82897
#2	.1144248	.0338543	1.333690	-.011765	.0314601	65.56204
#3	.1111502	.0332925	1.351076	.000877	.0293210	69.46159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.224763**	**.0062052**	**.0071074**	**210.6215**	**.1022788**	**.1185351**
Stddev	.087491	.0003075	.0000985	8.3574	.0018415	.0004104
%RSD	3.932609	4.955963	1.385281	3.967964	1.800434	.3462608
#1	2.296244	.0062737	.0070901	217.2290	.1003193	.1181988
#2	2.127196	.0058692	.0072133	201.2266	.1039735	.1189924
#3	2.250849	.0064727	.0070187	213.4088	.1025437	.1184140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4312816**	**190.9803**	**14.28774**	**47.82735**	**.1898780**	**-.012926**
Stddev	.0151684	7.4080	.58187	1.92002	.0016064	.000981
%RSD	3.517048	3.878913	4.072533	4.014472	.8459952	7.591134
#1	.4441199	197.0430	14.76775	49.39045	.1898260	-.011947
#2	.4145444	182.7230	13.64059	45.68419	.1882983	-.013909
#3	.4351805	193.1749	14.45489	48.40742	.1915097	-.012921

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3368749**	**.1585735**	**1.118350**	**5.278723**	F **16.75511**	**.0140648**
Stddev	.4762922	.0081712	.005354	.420757	.07580	.0030008
%RSD	141.3855	5.152956	.4787467	7.970816	.4524218	21.33590
#1	.0950850	.1679961	1.124520	5.589584	16.70468	.0133504
#2	.0299762	.1534389	1.114925	4.799933	16.71837	.0114856
#3	.8855636	.1542854	1.115604	5.446650	16.84229	.0173584

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-09 Acquired: 12/16/2024 0:34:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044910	3.228582	7.607615	.1177707	.6135980	.2172019
Stddev	.0003238	.018997	.295236	.0017616	.0231166	.0091730
%RSD	7.210211	.5883901	3.880796	1.495794	3.767387	4.223271
#1	.0044746	3.219663	7.834813	.1195668	.6326544	.2243022
#2	.0048226	3.215687	7.273902	.1160457	.5878828	.2068449
#3	.0041756	3.250397	7.714130	.1176996	.6202568	.2204588

Elem	Li6707
Units	ppm
Avg	.1435636
Stddev	.0058208
%RSD	4.054545
#1	.1495221
#2	.1378910
#3	.1432778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.668	34383.37	3221.725	2394.832	3073.052
Stddev	4.569	276.81	118.478	20.900	1.100
%RSD	.1619899	.8050756	3.677468	.8726970	.0357973
#1	2821.706	34701.19	3132.194	2416.957	3074.114
#2	2815.670	34253.95	3356.074	2392.115	3071.918
#3	2824.630	34194.98	3176.907	2375.424	3073.126

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-10 Acquired: 12/16/2024 0:37:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0801513	.0309292	.9442946	-.015094	.0167683	59.72762
Stddev	.0041923	.0033086	.0016140	.001887	.0023521	.07571
%RSD	5.230434	10.69736	.1709264	12.50173	14.02680	.1267567
#1	.0758322	.0326957	.9444388	-.016844	.0188345	59.64383
#2	.0842041	.0329797	.9426132	-.013095	.0142087	59.74793
#3	.0804175	.0271123	.9458317	-.015343	.0172618	59.79111

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966565	.0054684	.0061199	221.2584	.0876108	.1007529
Stddev	.003774	.0001818	.0000226	.4070	.0007814	.0007713
%RSD	.1919283	3.324666	.3690594	.1839535	.8919204	.7655420
#1	1.968909	.0055119	.0061177	221.4280	.0868660	.1001576
#2	1.962211	.0056245	.0060985	221.5533	.0884243	.1004769
#3	1.968575	.0052688	.0061435	220.7941	.0875422	.1016242

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3616661	148.9707	11.32753	33.85066	.1375478	-.010064
Stddev	.0094714	.2820	.01019	.07487	.0007386	.000544
%RSD	2.618835	.1892985	.0899404	.2211830	.5370143	5.404485
#1	.3513430	149.2643	11.33771	33.89326	.1371700	-.010084
#2	.3699555	148.7020	11.31733	33.89451	.1383990	-.009510
#3	.3636998	148.9458	11.32755	33.76421	.1370745	-.010597

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141845	.1384914	.8289762	4.609383	F 14.01272	.0286856
Stddev	.9154259	.0083608	.0075412	.039535	.03579	.0006421
%RSD	801.7076	6.037075	.9097000	.8577118	.2554049	2.238376
#1	-.185312	.1459323	.8366925	4.646604	14.01555	.0293538
#2	1.141846	.1294438	.8286128	4.567882	13.97560	.0280732
#3	-.613980	.1400981	.8216233	4.613664	14.04701	.0286298

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-10 Acquired: 12/16/2024 0:37:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025506	3.210644	7.292792	.1058750	.5926786	.3109702
Stddev	.0002151	.011608	.035378	.0021465	.0045161	.0001261
%RSD	8.432187	.3615469	.4851083	2.027422	.7619860	.0405434
#1	.0023775	3.216271	7.288618	.1082601	.5978858	.3108675
#2	.0027914	3.197295	7.330071	.1040984	.5898319	.3109323
#3	.0024830	3.218367	7.259686	.1052666	.5903182	.3111109

Elem	Li6707
Units	ppm
Avg	.1267797
Stddev	.0017125
%RSD	1.350734
#1	.1287530
#2	.1256839
#3	.1259020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.831	33657.56	3243.994	2351.238	3151.063
Stddev	9.991	211.10	13.804	7.646	9.324
%RSD	.3591651	.6271849	.4255341	.3251788	.2959122
#1	2787.287	33899.52	3249.400	2356.751	3155.794
#2	2787.907	33562.12	3228.305	2354.453	3157.074
#3	2770.300	33511.03	3254.278	2342.510	3140.322

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-11 Acquired: 12/16/2024 0:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066738	.0194518	.2897651	-.012913	.0183995	49.21295	.8712977
Stddev	.0022254	.0017293	.0035020	.004493	.0032640	.06187	.0019921
%RSD	2.086202	8.889906	1.208564	34.79440	17.73948	.1257209	.2286385
#1	.1042138	.0194399	.2917527	-.012883	.0211287	49.28414	.8719060
#2	.1072605	.0177285	.2857215	-.017421	.0192858	49.18252	.8729149
#3	.1085471	.0211869	.2918211	-.008435	.0147839	49.17218	.8690724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055213	.0047333	134.6868	.0744980	.0963219	.3080883	144.6435
Stddev	.0001046	.0001160	.3168	.0008301	.0008817	.0014656	.3388
%RSD	1.895154	2.451045	.2351873	1.114244	.9154042	.4756970	.2342303
#1	.0055473	.0047224	134.8008	.0736205	.0968964	.3082517	144.3617
#2	.0054061	.0046231	134.9308	.0752707	.0953067	.3094653	145.0194
#3	.0056105	.0048544	134.3288	.0746029	.0967627	.3065479	144.5492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.305188	33.96899	.1395470	-.009550	-.116040	.1344742	.4050713
Stddev	.025058	.03878	.0003750	.000565	.360167	.0032747	.0058871
%RSD	.3017122	.1141765	.2687443	5.919301	310.3806	2.435171	1.453348
#1	8.312916	33.95613	.1394431	-.010077	.255537	.1330333	.4094822
#2	8.325471	33.93827	.1399630	-.008953	-.140065	.1321671	.3983864
#3	8.277176	34.01257	.1392349	-.009621	-.463594	.1382222	.4073454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.243913	7.922219	-.009872	.0029593	2.083737	5.997782	.0246092
Stddev	.138978	.026420	.003065	.0001198	.013536	.020943	.0015530
%RSD	6.193578	.3334961	31.04996	4.047339	.6496180	.3491862	6.310604
#1	2.160718	7.912713	-.013223	.0030811	2.079817	6.021082	.0260561
#2	2.166666	7.901866	-.009181	.0029551	2.072594	5.991740	.0248031
#3	2.404355	7.952077	-.007211	.0028416	2.098801	5.980523	.0229683

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-11 Acquired: 12/16/2024 0:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4837551	.0444146	.0959206
Stddev	.0032107	.0002728	.0035115
%RSD	.6637110	.6143188	3.660803
#1	.4874345	.0447283	.0969183
#2	.4815209	.0442826	.0988252
#3	.4823100	.0442328	.0920182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.357	34539.19	3255.424	2410.456	3173.811
Stddev	6.517	26.73	16.072	8.048	10.568
%RSD	.2284764	.0773961	.4937000	.3338715	.3329760
#1	2851.338	34528.03	3238.367	2408.382	3174.054
#2	2859.324	34569.70	3257.622	2419.338	3184.256
#3	2846.410	34519.85	3270.284	2403.648	3163.124

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-12 Acquired: 12/16/2024 0:45:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703458	.0436325	.1949610	-.024727	.0117431	45.21833	.9866544
Stddev	.0028737	.0036916	.0001459	.002452	.0008678	.19675	.0060401
%RSD	4.085039	8.460544	.0748506	9.915454	7.389958	.4351215	.6121781
#1	.0699709	.0456828	.1949233	-.025601	.0110828	45.06690	.9827963
#2	.0733885	.0393709	.1951220	-.026622	.0114205	45.44072	.9936153
#3	.0676780	.0458439	.1948376	-.021958	.0127260	45.14736	.9835517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035741	.0043131	662.2054	.0839753	.1133802	.2292406	145.7301
Stddev	.0001712	.0001966	2.6414	.0003480	.0010285	.0058955	.9939
%RSD	4.789706	4.558468	.3988811	.4143950	.9070875	2.571743	.6820306
#1	.0035111	.0042628	660.7472	.0839876	.1127060	.2311410	144.7553
#2	.0037678	.0041465	665.2545	.0843170	.1128706	.2339515	146.7421
#3	.0034433	.0045300	660.6146	.0836214	.1145639	.2226293	145.6928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.27012	198.5156	.1558136	-.011125	.2670310	.1352270	.3125753
Stddev	.06504	.8101	.0007834	.000758	.3640472	.0055000	.0087864
%RSD	.4259343	.4080600	.5027914	6.809207	136.3314	4.067203	2.810984
#1	15.24845	198.0465	.1552522	-.010315	.3412745	.1288872	.3032299
#2	15.34323	199.4510	.1554798	-.011244	-.128415	.1387206	.3138274
#3	15.21869	198.0493	.1567086	-.011817	.588234	.1380731	.3206685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.104880	6.727713	.0081633	.0012956	1.123748	4.168924	.0199469
Stddev	.067397	.032734	.0009647	.0002574	.003568	.040967	.0005485
%RSD	1.320253	.4865556	11.81763	19.86707	.3175401	.9826835	2.749814
#1	5.115734	6.709759	.0085427	.0010037	1.120030	4.144284	.0193279
#2	5.166192	6.707885	.0070666	.0013930	1.127145	4.216215	.0201404
#3	5.032715	6.765495	.0088807	.0014900	1.124067	4.146273	.0203724

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-12 Acquired: 12/16/2024 0:45:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7960274	.3835076	.1374429
Stddev	.0101882	.0006853	.0020153
%RSD	1.279876	.1786994	1.466310
#1	.7868556	.3831545	.1397649
#2	.8069935	.3842974	.1364156
#3	.7942330	.3830708	.1361482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.501	31818.75	3159.870	2210.897	2906.864
Stddev	16.906	145.33	24.841	9.862	19.565
%RSD	.6429246	.4567390	.7861413	.4460792	.6730621
#1	2645.256	31651.29	3165.811	2200.164	2924.064
#2	2631.606	31911.81	3132.597	2212.967	2910.949
#3	2611.642	31893.15	3181.202	2219.561	2885.579

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-13 Acquired: 12/16/2024 0:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0456435**	**.0312457**	**.1356696**	**-.036753**	**.0126230**	**50.44821**
Stddev	.0084553	.0048787	.0006201	.006056	.0017268	.05356
%RSD	18.52459	15.61387	.4570395	16.47776	13.68012	.1061749
#1	.0466308	.0327760	.1349606	-.043745	.0124036	50.42298
#2	.0367380	.0351757	.1361105	-.033156	.0110163	50.50973
#3	.0535619	.0257853	.1359376	-.033357	.0144491	50.41192

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4030660**	**.0046427**	**.0036054**	F **910.4568**	**.0924632**	**.1011980**
Stddev	.0010745	.0000850	.0001347	2.5047	.0030428	.0011918
%RSD	.2665798	1.831090	3.736839	.2751033	3.290837	1.177745
#1	.4019361	.0047116	.0036526	910.3598	.0936549	.1004708
#2	.4040748	.0045477	.0034534	913.0086	.0890049	.1005497
#3	.4031872	.0046688	.0037102	908.0021	.0947298	.1025735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1656614**	**152.4531**	**7.478700**	**180.6592**	**.1421029**	**-.012585**
Stddev	.0013052	.3519	.023964	.3956	.0005595	.001242
%RSD	.7878513	.2307997	.3204259	.2189522	.3937257	9.870727
#1	.1644288	152.4719	7.464234	180.3773	.1421299	-.013545
#2	.1655268	152.7951	7.506361	181.1114	.1415304	-.011182
#3	.1670287	152.0921	7.465503	180.4890	.1426484	-.013029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3213621**	**.1383325**	**.2907649**	**6.666421**	**5.109589**	**.0124550**
Stddev	.4149577	.0097441	.0124212	.125624	.010768	.0023651
%RSD	129.1246	7.044001	4.271911	1.884434	.2107345	18.98958
#1	.7751715	.1327149	.2936330	6.522151	5.111428	.0108551
#2	-.038707	.1326986	.2771605	6.751638	5.098021	.0151718
#3	.227621	.1495841	.3015012	6.725473	5.119319	.0113382

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-13 Acquired: 12/16/2024 0:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000469	1.373112	5.594507	.0239916	1.217166	.6270802
Stddev	.0010214	.006082	.069008	.0028515	.004963	.0023330
%RSD	2177.094	.4429395	1.233503	11.88558	.4077358	.3720466
#1	-.000167	1.366521	5.672934	.0269656	1.212052	.6261138
#2	.001158	1.374308	5.567502	.0212808	1.221963	.6297412
#3	-.000851	1.378507	5.543085	.0237283	1.217482	.6253857

Elem	Li6707
Units	ppm
Avg	.1729720
Stddev	.0040397
%RSD	2.335460
#1	.1711176
#2	.1701925
#3	.1776060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.688	30741.56	3015.169	2139.358	2785.933
Stddev	12.416	600.63	14.788	39.279	10.060
%RSD	.4919743	1.953809	.4904431	1.836034	.3611146
#1	2532.090	30617.33	3001.468	2129.260	2792.871
#2	2529.548	31394.59	3013.194	2182.700	2790.533
#3	2509.427	30212.76	3030.845	2106.113	2774.395

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-14 Acquired: 12/16/2024 0:53:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1236799**	**.0157386**	**2.155044**	**.0007478**	**.0353439**	**95.27042**
Stddev	.0063238	.0015247	.005434	.0058548	.0008840	.26850
%RSD	5.113052	9.687862	.2521523	782.9452	2.501263	.2818269
#1	.1212644	.0140454	2.161299	.0057551	.0351676	95.30518
#2	.1308555	.0170029	2.152347	.0021778	.0363028	95.51984
#3	.1189199	.0161675	2.151486	-.005690	.0345613	94.98623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.050333**	**.0088491**	**.0102192**	**97.37961**	**.1968133**	**.1219998**
Stddev	.004726	.0001449	.0001004	.27249	.0001751	.0003685
%RSD	.2304818	1.637314	.9824540	.2798175	.0889891	.3020637
#1	2.052669	.0087192	.0102529	97.39773	.1966111	.1217076
#2	2.053437	.0088228	.0102983	97.64258	.1969116	.1218780
#3	2.044895	.0090053	.0101062	97.09852	.1969172	.1224138

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4707562**	**198.8299**	**9.053437**	**28.88747**	**.2720406**	**-.012094**
Stddev	.0048332	.2537	.029287	.09747	.0008690	.000753
%RSD	1.026696	.1275901	.3234912	.3374293	.3194259	6.227057
#1	.4747366	199.0023	9.038881	28.86487	.2730046	-.012962
#2	.4721538	198.9489	9.087150	28.99426	.2717999	-.011703
#3	.4653781	198.5386	9.034279	28.80329	.2713175	-.011616

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7013281**	**.2517980**	**2.031312**	**9.417056**	F **17.15773**	**-.004669**
Stddev	.6735076	.0106964	.015029	.114506	.04043	.005697
%RSD	96.03318	4.247993	.7398673	1.215946	.2356385	122.0210
#1	.1015706	.2625293	2.040132	9.295763	17.19682	.001533
#2	.5724519	.2517277	2.013958	9.432123	17.11608	-.005871
#3	1.429962	.2411369	2.039844	9.523284	17.16029	-.009669

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-14 Acquired: 12/16/2024 0:53:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108295	5.046890	9.465685	.1118580	1.176500	.2391621
Stddev	.0002755	.016954	.101449	.0009362	.000596	.0010925
%RSD	2.544198	.3359249	1.071758	.8369782	.0506269	.4567807
#1	.0105146	5.062498	9.363636	.1112293	1.176668	.2394384
#2	.0109481	5.049321	9.466895	.1129340	1.175839	.2400899
#3	.0110259	5.028853	9.566524	.1114108	1.176994	.2379581

Elem	Li6707
Units	ppm
Avg	.1957233
Stddev	.0053607
%RSD	2.738919
#1	.1925005
#2	.2019116
#3	.1927580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.440	33512.39	3203.984	2342.745	3148.430
Stddev	5.342	134.84	24.920	10.019	9.870
%RSD	.1944272	.4023496	.7777724	.4276751	.3134857
#1	2741.645	33423.54	3232.016	2334.908	3137.341
#2	2748.507	33446.09	3184.341	2339.293	3151.695
#3	2752.168	33667.54	3195.596	2354.034	3156.253

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-15 Acquired: 12/16/2024 0:57:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1075730**	**.0085899**	**1.784345**	**.0004591**	**.0265209**	**76.97264**
Stddev	.0027547	.0023970	.009456	.0050170	.0009036	.18859
%RSD	2.560813	27.90479	.5299638	1092.869	3.407131	.2450089
#1	.1102074	.0097528	1.788546	.0062520	.0256842	76.87337
#2	.1047120	.0101837	1.773516	-.002476	.0274791	76.85442
#3	.1077996	.0058333	1.790974	-.002399	.0263996	77.19013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.632952**	**.0074552**	**.0080758**	**68.84041**	**.1623417**	**.1016324**
Stddev	.006217	.0000883	.0000714	.14608	.0007895	.0004750
%RSD	.3807088	1.184475	.8837401	.2122042	.4863263	.4673628
#1	1.629437	.0075107	.0080018	68.94638	.1621275	.1021227
#2	1.629289	.0075015	.0081443	68.67377	.1632162	.1011744
#3	1.640130	.0073533	.0080812	68.90107	.1616814	.1016000

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4419063**	**160.5088**	**6.813291**	**23.88152**	**.2138562**	**-.009612**
Stddev	.0049252	.4391	.024497	.14119	.0014441	.000374
%RSD	1.114538	.2735751	.3595462	.5912222	.6752552	3.890488
#1	.4365811	160.0982	6.789629	23.88219	.2151091	-.010012
#2	.4462978	160.4566	6.811699	23.73999	.2122768	-.009554
#3	.4428399	160.9717	6.838545	24.02237	.2141825	-.009271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4277382**	**.2003362**	**1.837305**	**6.054032**	F **12.86000**	**-.004463**
Stddev	.2221973	.0021078	.003480	.099837	.05632	.002213
%RSD	51.94703	1.052116	.1894271	1.649094	.4379249	49.58429
#1	.2012403	.2006330	1.836527	6.168623	12.89022	-.006704
#2	.4366050	.1980957	1.841108	5.985833	12.79502	-.002279
#3	.6453694	.2022798	1.834279	6.007638	12.89476	-.004407

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-15 Acquired: 12/16/2024 0:57:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108784	3.580975	8.080595	.0920010	.8139628	.2100990
Stddev	.0000938	.019943	.025765	.0011469	.0041584	.0011442
%RSD	.8621551	.5569156	.3188483	1.246639	.5108864	.5445821
#1	.0108369	3.585867	8.058652	.0933069	.8108349	.2090612
#2	.0108126	3.559041	8.108965	.0911576	.8123716	.2099098
#3	.0109858	3.598017	8.074169	.0915384	.8186818	.2113259

Elem	Li6707
Units	ppm
Avg	.1671743
Stddev	.0068765
%RSD	4.113347
#1	.1595484
#2	.1690712
#3	.1729031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.365	32691.05	3119.759	2276.004	3221.683
Stddev	9.723	139.91	18.303	5.709	7.728
%RSD	.3599433	.4279754	.5866928	.2508436	.2398599
#1	2712.393	32704.61	3131.612	2272.376	3226.445
#2	2697.677	32823.68	3128.987	2282.585	3225.836
#3	2694.025	32544.85	3098.679	2273.051	3212.767

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV034 Acquired: 12/16/2024 1:10:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.877388**	**4.692970**	**23.68058**	**4.567165**	**4.655977**	**377.4860**	**9.684380**
Stddev	.004327	.011348	.06324	.024648	.013198	2.7813	.078811
%RSD	.0887169	.2418122	.2670654	.5396770	.2834653	.7367967	.8137946
#1	4.882379	4.700726	23.69547	4.542264	4.641898	374.5191	9.597460
#2	4.874681	4.679945	23.61123	4.567681	4.657962	377.9047	9.704500
#3	4.875106	4.698238	23.73505	4.591551	4.668069	380.0342	9.751181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4724303**	**2.381797**	**386.7878**	**14.63811**	**2.390258**	**14.35341**	**382.9220**
Stddev	.0015987	.005636	2.4696	.03533	.005517	.14870	2.7520
%RSD	.3383964	.2366167	.6384768	.2413327	.2308158	1.035962	.7186935
#1	.4728816	2.382872	384.1498	14.61950	2.391829	14.18649	379.8500
#2	.4706545	2.375701	387.1691	14.61599	2.384126	14.40205	383.7537
#3	.4737549	2.386817	389.0445	14.67886	2.394820	14.47170	385.1622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.03506**	**377.2298**	**2.393853**	**1.191130**	**380.3358**	**2.342397**	**14.73281**
Stddev	.11819	3.0746	.007460	.004473	3.4630	.007966	.13756
%RSD	.8421185	.8150585	.3116338	.3755182	.9105181	.3400923	.9336939
#1	13.90553	373.7221	2.395558	1.185973	376.3835	2.336040	14.58638
#2	14.06258	378.5088	2.385688	1.193960	381.7854	2.339818	14.85932
#3	14.13706	379.4585	2.400314	1.193456	382.8384	2.351333	14.75273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**144.7533**	**4.794614**	**4.614524**	**4.580286**	**4.850379**	**4.702266**	**4.801805**
Stddev	.9847	.011572	.007235	.009022	.022419	.012044	.016985
%RSD	.6802630	.2413556	.1567863	.1969664	.4622170	.2561297	.3537213
#1	143.6165	4.800282	4.608363	4.570959	4.840844	4.703684	4.799429
#2	145.3002	4.781300	4.612720	4.580931	4.834303	4.689575	4.786133
#3	145.3432	4.802259	4.622491	4.588968	4.875989	4.713538	4.819853

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV034 Acquired: 12/16/2024 1:10:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**4.754263**	**4.548710**	**4.958323**
Stddev	.041527	.042181	.056924
%RSD	.8734639	.9273178	1.148041
#1	4.707000	4.501204	4.893979
#2	4.770887	4.563156	4.978869
#3	4.784903	4.581770	5.002121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1985.500**	**25910.93**	**2618.098**	**1712.081**	**2605.536**
Stddev	2.401	63.70	13.527	2.589	7.896
%RSD	.1209072	.2458352	.5166880	.1512001	.3030517
#1	1986.884	25948.40	2621.303	1711.112	2600.953
#2	1986.889	25947.00	2629.735	1715.014	2614.654
#3	1982.728	25837.38	2603.256	1710.116	2601.002

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB034 Acquired: 12/16/2024 1:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003512**	**.0011630**	**.0010343**	**-.003453**	**-.003121**	**-.003373**
Stddev	.001152	.0009743	.0016755	.005615	.002218	.004732
%RSD	32.80294	83.77131	162.0018	162.6054	71.07202	140.2987
#1	-.004704	.0001669	.0019474	-.005007	-.004647	.000030
#2	-.003428	.0021140	.0020549	.002775	-.000577	-.001372
#3	-.002404	.0012082	-.000899	-.008128	-.004138	-.008777

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009457**	**.0000632**	**.0000197**	**-.007759**	**.0004376**	**-.000103**
Stddev	.0010385	.0001441	.0000486	.052513	.0001746	.000321
%RSD	109.8142	227.9948	247.3475	676.7813	39.89946	310.1712
#1	.0009754	-.000049	.0000672	.041565	.0005875	-.000343
#2	-.000107	.000013	.0000218	-.001878	.0004794	.000261
#3	.001969	.000226	-.000030	-.062965	.0002459	-.000228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003088**	**-.008792**	**.0009327**	**.0396013**	**.0004204**	**.0000972**
Stddev	.000288	.009677	.0016485	.0629004	.0009170	.0009862
%RSD	9.329751	110.0609	176.7491	158.8341	218.1229	1014.319
#1	-.002816	-.008162	.0026513	.0609510	-.000417	.0006982
#2	-.003057	.000554	-.000635	-.031195	.001400	-.001041
#3	-.003390	-.018769	.000782	.089048	.000278	.000634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.782416**	**-.015147**	**-.007498**	**.9564078**	**.0007505**	**.0105304**
Stddev	.220966	.004341	.004838	.2041207	.0025677	.0012539
%RSD	28.24148	28.66127	64.51526	21.34243	342.1320	11.90751
#1	-.980189	-.016279	-.010567	.9839242	-.001867	.0119188
#2	-.823139	-.010352	-.010006	.7399248	.003265	.0094805
#3	-.543922	-.018810	-.001922	1.145375	.000854	.0101918

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB034 Acquired: 12/16/2024 1:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.004235	.0018573	-.000008	.0005059	.0002961
Stddev	.000460	.004943	.0015712	.001442	.0007908	.0000720
%RSD	441.7568	116.7199	84.59206	17893.86	156.2933	24.31300
#1	-.000134	-.001384	.0031287	.001569	.0014032	.0002408
#2	-.000548	-.009942	.0023425	-.001258	.0002039	.0002700
#3	.000370	-.001378	.0001008	-.000336	-.000089	.0003774

Elem	Li6707
Units	ppm
Avg	F .0266391
Stddev	.0076965
%RSD	28.89190
#1	.0231266
#2	.0354652
#3	.0213254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.664	28543.76	2676.826	1983.522	3269.339
Stddev	5.259	69.75	20.677	6.017	4.560
%RSD	.2227638	.2443485	.7724612	.3033744	.1394880
#1	2364.394	28511.04	2673.094	1976.608	3272.350
#2	2362.948	28496.39	2699.115	1987.577	3271.575
#3	2354.649	28623.85	2658.268	1986.380	3264.093

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-16 Acquired: 12/16/2024 1:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1494901**	**.0147204**	**1.735663**	**.0095857**	**.0365284**	**97.30369**
Stddev	.0035862	.0003422	.004544	.0016820	.0022544	.19383
%RSD	2.398945	2.324551	.2617887	17.54733	6.171696	.1992015
#1	.1508839	.0143441	1.736080	.0115069	.0341018	97.44825
#2	.1521702	.0148041	1.730925	.0083780	.0385579	97.37940
#3	.1454163	.0150129	1.739984	.0088723	.0369254	97.08344

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.152436**	**.0091330**	**.0100842**	**80.69547**	**.1885397**	**.1268227**
Stddev	.002717	.0000514	.0000108	.27207	.0005338	.0003615
%RSD	.1262501	.5624280	.1070010	.3371581	.2831297	.2850809
#1	2.150900	.0091812	.0100906	80.61892	.1891488	.1266633
#2	2.155574	.0091388	.0100717	80.99761	.1881531	.1265683
#3	2.150835	.0090790	.0100902	80.46987	.1883172	.1272366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4715342**	**208.1266**	**9.658136**	**29.16675**	**.2506658**	**-.013712**
Stddev	.0032514	.0519	.015062	.06680	.0006958	.001691
%RSD	.6895432	.0249151	.1559525	.2290325	.2775846	12.33026
#1	.4752194	208.1845	9.674553	29.22190	.2510300	-.015502
#2	.4690703	208.1106	9.654898	29.09247	.2511038	-.013495
#3	.4703128	208.0846	9.644955	29.18588	.2498634	-.012141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2381420**	**.2582450**	**1.707110**	**6.697820**	F **15.21154**	**-.010229**
Stddev	.4485095	.0111027	.011772	.113931	.05432	.004411
%RSD	188.3370	4.299300	.6895929	1.701012	.3571238	43.12031
#1	-.275844	.2700750	1.715960	6.597546	15.17709	-.006399
#2	.440136	.2480511	1.693750	6.674206	15.18337	-.015051
#3	.550134	.2566090	1.711621	6.821707	15.27416	-.009236

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-16 Acquired: 12/16/2024 1:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100600	3.714007	9.161503	.0796207	.8423528	.2142207
Stddev	.0001622	.017200	.038023	.0024201	.0062835	.0008097
%RSD	1.612207	.4631242	.4150262	3.039551	.7459419	.3779955
#1	.0101820	3.694179	9.178296	.0769140	.8490146	.2151309
#2	.0098759	3.724920	9.188238	.0803722	.8415114	.2139510
#3	.0101221	3.722922	9.117975	.0815760	.8365325	.2135802

Elem	Li6707
Units	ppm
Avg	.2030574
Stddev	.0030922
%RSD	1.522814
#1	.2013151
#2	.2066277
#3	.2012296

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2809.911	34038.58	3260.998	2385.556	3168.201
Stddev	3.520	71.96	9.553	3.284	5.101
%RSD	.1252779	.2114021	.2929575	.1376806	.1610170
#1	2806.022	34121.52	3263.840	2389.097	3162.547
#2	2810.832	34001.47	3250.346	2384.960	3169.596
#3	2812.880	33992.75	3268.807	2382.610	3172.460

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-17 Acquired: 12/16/2024 1:21:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1183133**	**.0194782**	**.7600752**	**.0039143**	**.0302042**	**100.4171**
Stddev	.0048937	.0014382	.0065319	.0010833	.0013638	.2613
%RSD	4.136260	7.383491	.8593721	27.67667	4.515269	.2601971
#1	.1167519	.0189018	.7654581	.0041532	.0294115	100.6912
#2	.1237972	.0211152	.7528084	.0027314	.0317790	100.1709
#3	.1143908	.0184177	.7619591	.0048582	.0294222	100.3891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.762471**	**.0089216**	**.0086653**	**97.53369**	**.2113272**	**.1174361**
Stddev	.005810	.0002186	.0001588	.12655	.0008562	.0008027
%RSD	.3296664	2.450529	1.832031	.1297543	.4051455	.6835622
#1	1.768015	.0090226	.0087486	97.59477	.2113987	.1172047
#2	1.756427	.0086707	.0087651	97.38818	.2104375	.1167745
#3	1.762972	.0090715	.0084822	97.61811	.2121454	.1183291

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2524372**	**187.6454**	**9.069418**	**30.78370**	**.2157990**	**-.011550**
Stddev	.0027809	.2553	.017318	.17268	.0014448	.000691
%RSD	1.101642	.1360679	.1909464	.5609462	.6695057	5.978324
#1	.2497395	187.7432	9.061840	30.96053	.2157597	-.010806
#2	.2522774	187.3556	9.057181	30.61550	.2143742	-.011674
#3	.2552946	187.8373	9.089233	30.77508	.2172630	-.012171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4366241**	**.2232596**	**.9548689**	**5.939837**	F **13.17765**	**-.013893**
Stddev	.9020197	.0123914	.0238999	.015238	.05845	.001527
%RSD	206.5895	5.550200	2.502951	.2565409	.4435629	10.99398
#1	1.473651	.2110027	.9722818	5.952881	13.17517	-.012553
#2	-.165976	.2357812	.9647041	5.943541	13.12048	-.013569
#3	.002197	.2229950	.9276206	5.923088	13.23730	-.015556

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-17 Acquired: 12/16/2024 1:21:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089522	4.096738	8.545420	.0467871	.7244627	.2146562
Stddev	.0006842	.021965	.100127	.0014807	.0034212	.0005950
%RSD	7.643367	.5361696	1.171703	3.164649	.4722329	.2772068
#1	.0083274	4.108866	8.514569	.0452700	.7234174	.2149528
#2	.0088458	4.071382	8.464350	.0468629	.7282845	.2139712
#3	.0096834	4.109966	8.657342	.0482284	.7216861	.2150447

Elem	Li6707
Units	ppm
Avg	.2056410
Stddev	.0117457
%RSD	5.711730
#1	.1934724
#2	.2065384
#3	.2169123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.022	35353.09	3350.824	2489.368	3163.783
Stddev	8.015	81.37	29.483	16.546	8.762
%RSD	.2737278	.2301643	.8798759	.6646741	.2769420
#1	2937.102	35261.58	3351.891	2472.760	3172.583
#2	2925.033	35380.38	3379.760	2489.492	3163.706
#3	2921.932	35417.31	3320.823	2505.852	3155.060

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-18 Acquired: 12/16/2024 1:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761791	.0227194	.3777044	-.012312	.0259915	83.06281	1.386218
Stddev	.0057027	.0034252	.0011868	.004472	.0027827	.54112	.008484
%RSD	7.485920	15.07621	.3142066	36.32160	10.70611	.6514617	.6120394
#1	.0770049	.0265129	.3769893	-.009183	.0262815	82.92377	1.383036
#2	.0701085	.0198534	.3790744	-.017434	.0230752	83.65989	1.395833
#3	.0814239	.0217920	.3770496	-.010318	.0286179	82.60478	1.379785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072002	.0063078	168.2750	.1896712	.1101111	.1881450	172.8904
Stddev	.0000933	.0000971	1.3517	.0009065	.0006398	.0064001	.6739
%RSD	1.295298	1.538910	.8032835	.4779446	.5810253	3.401702	.3897572
#1	.0072639	.0062626	167.8059	.1904790	.1104084	.1807567	172.7544
#2	.0072435	.0064192	169.7988	.1898439	.1105481	.1916916	173.6218
#3	.0070931	.0062416	167.2203	.1886907	.1093768	.1919866	172.2949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.872222	40.23176	.2037050	-.012533	.0747573	.1783441	.6201761
Stddev	.039857	.19477	.0006092	.000421	.3759150	.0045120	.0110113
%RSD	.5063034	.4841218	.2990634	3.361537	502.8471	2.529921	1.775506
#1	7.853211	40.04617	.2041218	-.012440	-.277305	.1769892	.6252194
#2	7.918026	40.43457	.2039873	-.012993	.470678	.1833782	.6277624
#3	7.845430	40.21453	.2030058	-.012167	.030899	.1746648	.6075464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.146242	9.828551	-.012261	.0079847	2.571092	6.198647	.0316788
Stddev	.192181	.017450	.002931	.0002988	.009240	.047609	.0023646
%RSD	4.635056	.1775470	23.90958	3.742050	.3593807	.7680581	7.464393
#1	4.323229	9.824426	-.015325	.0082752	2.581007	6.244641	.0329974
#2	4.173679	9.847694	-.011974	.0076783	2.569548	6.201727	.0289489
#3	3.941817	9.813533	-.009483	.0080005	2.562721	6.149572	.0330901

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-18 Acquired: 12/16/2024 1:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7810234	.1468490	.1782510
Stddev	.0033136	.0010509	.0041188
%RSD	.4242630	.7156241	2.310658
#1	.7799526	.1465702	.1800537
#2	.7847400	.1480111	.1735383
#3	.7783776	.1459656	.1811612

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.295	34398.93	3298.380	2391.734	3101.740
Stddev	8.357	83.50	12.652	3.369	10.262
%RSD	.2937158	.2427263	.3835752	.1408603	.3308560
#1	2854.917	34486.28	3288.736	2388.922	3112.767
#2	2839.845	34390.61	3293.699	2390.812	3092.468
#3	2841.124	34319.91	3312.705	2395.468	3099.987

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-19 Acquired: 12/16/2024 1:29:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0501824**	**.0307673**	**.1665518**	**-.022573**	**.0167866**	**67.12606**	**.9272823**
Stddev	.0027298	.0021426	.0015494	.003032	.0013268	.39497	.0047363
%RSD	5.439742	6.963779	.9302560	13.43046	7.904085	.5884003	.5107730
#1	.0528946	.0332208	.1658690	-.020931	.0178406	66.68235	.9227580
#2	.0474354	.0298161	.1654612	-.026072	.0152967	67.25656	.9268835
#3	.0502171	.0292650	.1683253	-.020716	.0172225	67.43926	.9322054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047400**	**.0034957**	**343.7112**	**.1117653**	**.1145772**	**.1320710**	**159.7905**
Stddev	.0001930	.0000536	1.6021	.0006766	.0002973	.0087008	.9700
%RSD	4.071769	1.534443	.4661280	.6053337	.2594480	6.587966	.6070313
#1	.0045173	.0035323	341.8880	.1111884	.1142370	.1374255	158.9230
#2	.0048584	.0035207	344.3507	.1125100	.1147075	.1220316	159.6107
#3	.0048442	.0034341	344.8947	.1115976	.1147870	.1367559	160.8378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.36662**	**79.67079**	**.2143671**	**-.012455**	**-.603852**	**.1398226**	**.3160640**
Stddev	.06484	.49787	.0018336	.000666	.367413	.0059614	.0108701
%RSD	.6254229	.6249033	.8553416	5.345559	60.84494	4.263542	3.439206
#1	10.31034	79.17468	.2126619	-.011825	-.776571	.1426158	.3279248
#2	10.35200	79.66731	.2141330	-.013152	-.181905	.1329774	.3065769
#3	10.43751	80.17039	.2163065	-.012389	-.853079	.1438746	.3136904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.014509**	**5.898902**	**-.016503**	**.0069489**	**.6510419**	**7.120730**	**.0215055**
Stddev	.119446	.033270	.001865	.0005327	.0035038	.087742	.0010572
%RSD	2.975370	.5640021	11.30003	7.665587	.5381789	1.232207	4.915965
#1	4.063395	5.868383	-.014575	.0069600	.6482376	7.026349	.0208916
#2	3.878374	5.893956	-.018298	.0074759	.6499186	7.136018	.0208986
#3	4.101758	5.934368	-.016636	.0064107	.6549696	7.199824	.0227262

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-19 Acquired: 12/16/2024 1:29:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.045570	.3116460	.1776932
Stddev	.013827	.0013571	.0012846
%RSD	1.322390	.4354658	.7229021
#1	1.031097	.3101178	.1790675
#2	1.046968	.3121094	.1765228
#3	1.058644	.3127107	.1774891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.929	31480.32	2998.894	2174.918	3000.271
Stddev	8.014	206.34	37.136	14.214	1.788
%RSD	.3111125	.6554484	1.238331	.6535300	.0596076
#1	2566.686	31390.87	3030.448	2170.023	2999.404
#2	2580.162	31716.29	3008.264	2190.933	3002.327
#3	2580.939	31333.80	2957.970	2163.799	2999.081

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-20 Acquired: 12/16/2024 1:33:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532195	.0320776	.1358837	-.016876	.0213336	76.70597	1.310430
Stddev	.0026055	.0010373	.0012971	.004485	.0032635	.57383	.008258
%RSD	4.895675	3.233668	.9545964	26.57818	15.29725	.7480899	.6301643
#1	.0560452	.0320949	.1344735	-.021645	.0176983	76.29265	1.305092
#2	.0509121	.0310317	.1361517	-.012742	.0240107	76.46413	1.306256
#3	.0527014	.0331060	.1370259	-.016241	.0222920	77.36113	1.319942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051095	.0039863	354.6246	.1204356	.1274986	.1704690	178.5128
Stddev	.0002318	.0000535	3.0264	.0003532	.0004894	.0074649	1.3602
%RSD	4.537337	1.341363	.8534088	.2933130	.3838657	4.379016	.7619614
#1	.0049748	.0039263	352.6425	.1201008	.1269551	.1688060	177.4270
#2	.0049766	.0040040	353.1231	.1204013	.1279045	.1786251	178.0728
#3	.0053772	.0040287	358.1081	.1208048	.1276363	.1639758	180.0385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.14626	89.40286	.2460564	-.013905	-.456287	.1529898	.3403527
Stddev	.11908	.78378	.0017478	.000416	.607764	.0043018	.0083621
%RSD	.9058311	.8766877	.7103325	2.992723	133.1977	2.811821	2.456886
#1	13.05436	88.95060	.2450528	-.013559	-.222724	.1516814	.3355184
#2	13.10363	88.95008	.2450418	-.013789	.000049	.1577939	.3355313
#3	13.28079	90.30789	.2480746	-.014367	-1.14619	.1494941	.3500084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.420199	6.170852	-.019811	.0030473	.5677543	7.701563	.0226017
Stddev	.183663	.036630	.002133	.0001539	.0022677	.085307	.0002634
%RSD	3.388492	.5935954	10.76685	5.049885	.3994153	1.107658	1.165242
#1	5.223398	6.134246	-.017571	.0030798	.5669329	7.645818	.0228526
#2	5.450160	6.170803	-.020045	.0031824	.5703183	7.659103	.0226252
#3	5.587040	6.207506	-.021818	.0028798	.5660118	7.799768	.0223274

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-20 Acquired: 12/16/2024 1:33:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.191994	.3411278	.2039475
Stddev	.008296	.0027935	.0033230
%RSD	.6959616	.8188884	1.629329
#1	1.184425	.3387594	.2070774
#2	1.190693	.3404155	.2004603
#3	1.200863	.3442084	.2043047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.726	31386.03	3010.446	2175.397	2965.174
Stddev	8.229	167.78	24.510	14.303	15.291
%RSD	.3194772	.5345591	.8141645	.6574908	.5156887
#1	2581.025	31571.59	3027.737	2191.873	2974.097
#2	2579.906	31245.03	3021.204	2168.149	2973.907
#3	2566.246	31341.46	2982.397	2166.168	2947.518

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-21 Acquired: 12/16/2024 1:36:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516798	.0347181	.1314163	-.021155	.0237921	74.94761	1.229086
Stddev	.0035311	.0014089	.0003056	.004386	.0038424	.14641	.003302
%RSD	6.832622	4.058163	.2325563	20.73215	16.14976	.1953504	.2686356
#1	.0484379	.0335497	.1310991	-.022196	.0260713	75.00886	1.226362
#2	.0511592	.0362827	.1314409	-.024926	.0259492	74.78053	1.228137
#3	.0554423	.0343220	.1317088	-.016342	.0193559	75.05346	1.232758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050475	.0038796	351.2322	.1141224	.1295654	.1643966	180.2798
Stddev	.0001088	.0000197	1.0630	.0011319	.0010660	.0047097	.5029
%RSD	2.154503	.5070617	.3026544	.9917832	.8227530	2.864831	.2789605
#1	.0050965	.0038816	351.2894	.1140286	.1297078	.1654915	180.0033
#2	.0051231	.0038589	350.1418	.1152982	.1284354	.1592359	179.9758
#3	.0049228	.0038981	352.2655	.1130403	.1305531	.1684623	180.8603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.79293	87.96985	.2419557	-.013483	-.476573	.1560838	.3209644
Stddev	.02661	.23863	.0008211	.000546	.343031	.0043533	.0168299
%RSD	.2079966	.2712665	.3393698	4.047525	71.97876	2.789093	5.243544
#1	12.76894	87.81253	.2426546	-.013010	-.821818	.1526116	.3015556
#2	12.78831	87.85260	.2410514	-.013359	-.472102	.1609678	.3315174
#3	12.82155	88.24443	.2421613	-.014081	-.135799	.1546721	.3298201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447189	6.044446	-.020924	.0034998	.4735447	6.374242	.0233599
Stddev	.073612	.017423	.005355	.0005133	.0099239	.063261	.0015478
%RSD	1.351373	.2882425	25.59348	14.66597	2.095661	.9924427	6.626004
#1	5.369546	6.051152	-.021971	.0031509	.4639958	6.417642	.0246634
#2	5.456054	6.024667	-.025678	.0040892	.4728331	6.403425	.0237671
#3	5.515967	6.057519	-.015122	.0032594	.4838053	6.301657	.0216492

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-21 Acquired: 12/16/2024 1:36:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.245277	.3291638	.1940918
Stddev	.005718	.0006233	.0016832
%RSD	.4591762	.1893470	.8671990
#1	1.239068	.3284671	.1923521
#2	1.246435	.3293556	.1942111
#3	1.250327	.3296685	.1957121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.597	31322.41	3016.947	2183.762	2971.885
Stddev	5.805	249.57	7.792	14.943	10.833
%RSD	.2256456	.7967639	.2582737	.6842681	.3645195
#1	2572.453	31528.97	3007.956	2199.671	2969.335
#2	2578.472	31393.15	3021.732	2181.591	2983.765
#3	2566.865	31045.11	3021.152	2170.023	2962.554

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-22 Acquired: 12/16/2024 1:40:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499430	.0404331	.1571125	-.027468	.0178778	53.30450	1.130630
Stddev	.0064704	.0021320	.0028068	.003167	.0018683	.16884	.003795
%RSD	12.95556	5.272940	1.786491	11.52820	10.45057	.3167485	.3356594
#1	.0471206	.0411954	.1603294	-.029215	.0169504	53.22515	1.131901
#2	.0453632	.0420791	.1551621	-.023813	.0166546	53.49841	1.133627
#3	.0573451	.0380247	.1558461	-.029376	.0200284	53.18996	1.126363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046256	.0057100	745.8807	.1015560	.1136182	.1642806	166.6062
Stddev	.0001374	.0000257	1.6138	.0009198	.0009205	.0043564	.5785
%RSD	2.970155	.4502682	.2163600	.9057287	.8101361	2.651788	.3472256
#1	.0044926	.0056936	745.1554	.1024915	.1139202	.1681217	166.1142
#2	.0047670	.0057397	747.7298	.1006527	.1125847	.1595472	167.2435
#3	.0046172	.0056969	744.7568	.1015237	.1143498	.1651729	166.4611

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.83156	132.4586	.1760063	-.013326	.1706203	.1393143	.3650914
Stddev	.06691	.4018	.0003791	.000652	.4266697	.0027267	.0106104
%RSD	.4837536	.3033266	.2153639	4.892376	250.0697	1.957213	2.906231
#1	13.78087	132.3898	.1755689	-.012682	.0718038	.1374373	.3689386
#2	13.90740	132.8903	.1762104	-.013985	-.197971	.1424420	.3732415
#3	13.80642	132.0956	.1762395	-.013312	.638028	.1380637	.3530941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.757752	5.393385	.0183931	.0006325	1.235233	6.159779	.0269797
Stddev	.099713	.021110	.0023052	.0005065	.004846	.020726	.0013868
%RSD	1.285336	.3913989	12.53294	80.08506	.3922771	.3364774	5.140150
#1	7.782478	5.385237	.0210538	.0004254	1.235846	6.139644	.0283097
#2	7.842776	5.377564	.0169962	.0012098	1.230111	6.181050	.0255424
#3	7.648002	5.417355	.0171293	.0002623	1.239743	6.158645	.0270870

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5034-22 Acquired: 12/16/2024 1:40:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.190585	.5132295	.1702511
Stddev	.003189	.0019356	.0038704
%RSD	.2678762	.3771510	2.273331
#1	1.191229	.5125915	.1723702
#2	1.193403	.5154037	.1657840
#3	1.187123	.5116935	.1725993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.940	30683.30	3028.357	2127.678	2792.833
Stddev	12.969	120.64	21.186	8.419	10.716
%RSD	.5128310	.3931673	.6996037	.3956709	.3836879
#1	2541.454	30821.64	3052.345	2136.586	2802.002
#2	2529.806	30628.22	3020.520	2126.596	2795.443
#3	2515.559	30600.03	3012.205	2119.853	2781.053

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-01 Acquired: 12/16/2024 1:44:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0458291**	**.0406356**	**.7941011**	**-.050835**	**-.002506**	**30.14463**
Stddev	.0036638	.0026017	.0100573	.004413	.003007	.24511
%RSD	7.994566	6.402529	1.266501	8.681316	120.0009	.8131228
#1	.0466783	.0397168	.8043795	-.047858	.000660	30.22305
#2	.0418153	.0386179	.7842806	-.048742	-.002853	29.86990
#3	.0489939	.0435720	.7936433	-.055906	-.005325	30.34093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4673939**	**.0028033**	**.0048345**	F **1122.600**	**.0655322**	**.0888810**
Stddev	.0036528	.0001711	.0000345	11.132	.0010071	.0003564
%RSD	.7815162	6.103609	.7140002	.9916602	1.536861	.4010028
#1	.4698325	.0030008	.0048280	1129.010	.0645318	.0884695
#2	.4631942	.0027079	.0048036	1109.745	.0655189	.0890780
#3	.4691549	.0027011	.0048718	1129.044	.0665460	.0890953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1130305**	**92.88419**	**7.334248**	**521.1377**	**.0893110**	**-.006041**
Stddev	.0083359	.83203	.062323	5.0711	.0009252	.000981
%RSD	7.374908	.8957727	.8497587	.9730866	1.035942	16.24376
#1	.1166447	93.30931	7.358174	523.3736	.0902536	-.004921
#2	.1034975	91.92548	7.263507	515.3329	.0884043	-.006750
#3	.1189494	93.41777	7.381064	524.7067	.0892750	-.006451

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.099573**	**.0701990**	**.7614594**	**7.604610**	**6.202393**	**.0671525**
Stddev	.585263	.0109037	.0269973	.171794	.023848	.0040300
%RSD	587.7708	15.53251	3.545469	2.259079	.3844922	6.001251
#1	-.005995	.0618154	.7926218	7.598365	6.226503	.0679882
#2	-.725987	.0825257	.7451481	7.436023	6.178816	.0627701
#3	.433263	.0662560	.7466084	7.779441	6.201861	.0706991

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-01 Acquired: 12/16/2024 1:44:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026129	23.77979	5.607631	.0283893	.3935341	.5771472
Stddev	.0005102	.11347	.035590	.0015392	.0031034	.0054678
%RSD	19.52721	.4771707	.6346729	5.421740	.7886057	.9473773
#1	.0023680	23.89863	5.566580	.0281028	.3936082	.5793160
#2	.0022712	23.67258	5.626498	.0270136	.3903943	.5709278
#3	.0031994	23.76817	5.629815	.0300517	.3965998	.5811980

Elem	Li6707
Units	ppm
Avg	.1406845
Stddev	.0049914
%RSD	3.547952
#1	.1447887
#2	.1421369
#3	.1351280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.422	28123.61	2841.424	1937.408	2612.926
Stddev	7.933	120.51	18.074	3.439	13.820
%RSD	.3469787	.4284878	.6360810	.1774971	.5289179
#1	2278.072	28015.01	2850.737	1933.736	2596.979
#2	2287.334	28253.25	2852.942	1940.552	2621.427
#3	2293.861	28102.57	2820.593	1937.936	2620.372

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-02 Acquired: 12/16/2024 1:48:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0804987**	**.0414086**	**1.717934**	**-.041405**	**.0114609**	**55.20494**
Stddev	.0047727	.0068621	.004446	.008785	.0022679	.16966
%RSD	5.928944	16.57162	.2587886	21.21793	19.78817	.3073244
#1	.0857866	.0477867	1.713057	-.031627	.0088999	55.15263
#2	.0791991	.0341480	1.718988	-.048634	.0122677	55.39460
#3	.0765103	.0422911	1.721759	-.043954	.0132151	55.06760

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9877511**	**.0050983**	**.0086560**	F **1104.004**	**.1055472**	**.1170329**
Stddev	.0026829	.0001493	.0000661	2.797	.0003284	.0003591
%RSD	.2716151	2.928641	.7637676	.2533405	.3111686	.3068645
#1	.9852083	.0051696	.0086759	1104.854	.1056555	.1166698
#2	.9905550	.0051987	.0085822	1106.278	.1058077	.1173880
#3	.9874898	.0049267	.0087098	1100.881	.1051782	.1170408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2609602**	**142.9848**	**11.25986**	**450.6316**	**.1526277**	**-.009307**
Stddev	.0087602	.3929	.01855	.9213	.0001441	.000867
%RSD	3.356905	.2747749	.1647728	.2044564	.0944055	9.316620
#1	.2700424	143.3081	11.26808	450.5308	.1524906	-.010086
#2	.2525621	143.0988	11.27288	451.5992	.1527779	-.008372
#3	.2602761	142.5476	11.23862	449.7648	.1526148	-.009463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0620660**	**.1347989**	**1.403139**	**8.128705**	**6.892814**	**.0340960**
Stddev	.3563598	.0047164	.004350	.086211	.004457	.0029939
%RSD	574.1632	3.498850	.3100261	1.060574	.0646557	8.780887
#1	-.265896	.1306229	1.408098	8.029418	6.891427	.0315324
#2	.010818	.1399143	1.399967	8.184588	6.897799	.0373864
#3	.441275	.1338594	1.401352	8.172109	6.889215	.0333693

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-02 Acquired: 12/16/2024 1:48:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099107	15.75494	7.258974	.0531795	.6363392	.6185405
Stddev	.0005119	.00676	.074616	.0014366	.0035248	.0026682
%RSD	5.164742	.0429052	1.027915	2.701354	.5539111	.4313658
#1	.0095958	15.76120	7.270842	.0544511	.6396037	.6158184
#2	.0105013	15.75585	7.326945	.0516212	.6368120	.6211512
#3	.0096349	15.74777	7.179136	.0534662	.6326019	.6186518

Elem	Li6707
Units	ppm
Avg	.1752762
Stddev	.0060558
%RSD	3.454986
#1	.1797656
#2	.1776744
#3	.1683886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.840	28538.64	2859.358	1964.587	2607.021
Stddev	8.890	100.66	33.442	4.837	7.366
%RSD	.3786671	.3527199	1.169575	.2462251	.2825278
#1	2356.483	28422.48	2835.637	1959.007	2615.141
#2	2338.721	28593.05	2844.830	1967.160	2600.769
#3	2348.318	28600.38	2897.608	1967.594	2605.153

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-03 Acquired: 12/16/2024 1:52:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2850236	.0269575	.6723494	.0028481	.0372303	90.37096	.9178000
Stddev	.0027755	.0024090	.0005517	.0053723	.0014320	.05764	.0039107
%RSD	.9737906	8.936487	.0820512	188.6314	3.846327	.0637840	.4260929
#1	.2823809	.0296416	.6729781	.0031834	.0382210	90.32994	.9168888
#2	.2847746	.0249830	.6719464	-.002684	.0378814	90.43686	.9220858
#3	.2879152	.0262478	.6721237	.008045	.0355884	90.34607	.9144254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080367	.0091606	153.1714	.1077834	.1728252	.3934787	228.3116
Stddev	.0000993	.0000541	.1002	.0006199	.0008841	.0049790	.5634
%RSD	1.235743	.5907073	.0653962	.5751594	.5115747	1.265379	.2467870
#1	.0079261	.0091845	153.2443	.1084475	.1721185	.3880307	227.7217
#2	.0080660	.0090987	153.0572	.1076830	.1738166	.3946122	228.8443
#3	.0081181	.0091986	153.2126	.1072199	.1725406	.3977933	228.3688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52566	32.08713	.2243791	-.013069	-.140692	.1707881	.6625631
Stddev	.02797	.03024	.0005531	.000535	.374666	.0063496	.0141100
%RSD	.2232795	.0942473	.2465172	4.093364	266.3021	3.717841	2.129613
#1	12.53180	32.06148	.2249466	-.013354	.285610	.1649134	.6788255
#2	12.55005	32.07943	.2238416	-.012452	-.290009	.1775246	.6552946
#3	12.49513	32.12047	.2243491	-.013400	-.417678	.1699261	.6535693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.231497	4.987420	-.043376	.0077664	1.484069	9.015927	.0353843
Stddev	.038813	.008904	.001659	.0002453	.003075	.052287	.0021878
%RSD	.4715137	.1785376	3.823859	3.158860	.2072319	.5799356	6.182844
#1	8.221812	4.987653	-.041538	.0078123	1.485770	8.969168	.0330401
#2	8.198443	4.978401	-.043830	.0079854	1.485919	9.006230	.0357411
#3	8.274235	4.996205	-.044760	.0075013	1.480519	9.072383	.0373718

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-03 Acquired: 12/16/2024 1:52:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5462869	.1652231	.1194402
Stddev	.0030372	.0004120	.0028953
%RSD	.5559785	.2493398	2.424073
#1	.5491365	.1652199	.1166300
#2	.5430917	.1656367	.1224137
#3	.5466326	.1648127	.1192768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3116.529	37729.36	3632.997	2631.788	3053.574
Stddev	7.872	130.44	19.357	6.555	7.734
%RSD	.2525941	.3457197	.5328089	.2490645	.2532884
#1	3112.313	37844.97	3652.353	2633.845	3049.973
#2	3125.612	37755.16	3633.000	2637.068	3062.453
#3	3111.663	37587.95	3613.639	2624.451	3048.297

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-04 Acquired: 12/16/2024 1:56:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1595060	.0231378	.4505489	.0165652	.0358999	85.67749	.8589146
Stddev	.0031044	.0026128	.0029870	.0015618	.0016588	.49928	.0042928
%RSD	1.946235	11.29251	.6629678	9.428295	4.620758	.5827475	.4997932
#1	.1604274	.0212069	.4525447	.0183657	.0343803	85.17846	.8545400
#2	.1620453	.0220956	.4471148	.0155767	.0376696	85.67700	.8590830
#3	.1560452	.0261109	.4519871	.0157532	.0356498	86.17702	.8631206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073707	.0071593	49.05243	.1124242	.1464958	.3064531	212.0755
Stddev	.0000597	.0001081	.17989	.0012520	.0004424	.0011547	1.1222
%RSD	.8104207	1.510160	.3667349	1.113611	.3020241	.3767867	.5291618
#1	.0074351	.0070401	48.88514	.1130963	.1466798	.3077542	210.8395
#2	.0073598	.0071867	49.02944	.1109797	.1459911	.3055502	212.3565
#3	.0073172	.0072510	49.24272	.1131967	.1468166	.3060550	213.0305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.35077	24.72587	.1955052	-.012815	.1895519	.1800212	.4596301
Stddev	.09942	.17756	.0006449	.000559	.1089809	.0038854	.0098278
%RSD	.5729768	.7181138	.3298501	4.358450	57.49398	2.158323	2.138188
#1	17.24647	24.57799	.1954642	-.013221	.2632566	.1755371	.4532595
#2	17.36140	24.67681	.1948818	-.013045	.0643675	.1821352	.4709484
#3	17.44445	24.92280	.1961696	-.012178	.2410316	.1823912	.4546823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.106845	2.887046	-.045787	.0051592	.9643695	9.176491	.0244380
Stddev	.080961	.001904	.000773	.0005805	.0063016	.076901	.0014761
%RSD	1.325735	.0659490	1.689162	11.25081	.6534390	.8380192	6.039978
#1	6.116088	2.886342	-.045206	.0054726	.9694137	9.088606	.0254148
#2	6.182788	2.885594	-.046665	.0044894	.9573058	9.231427	.0251590
#3	6.021660	2.889201	-.045489	.0055156	.9663890	9.209440	.0227400

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-04 Acquired: 12/16/2024 1:56:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6821397	.0180645	.1022972
Stddev	.0035771	.0004441	.0016725
%RSD	.5243980	2.458687	1.634952
#1	.6781630	.0175997	.1036500
#2	.6850953	.0181093	.1028144
#3	.6831607	.0184846	.1004271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.708	37382.66	3550.337	2597.892	3144.385
Stddev	21.596	265.75	30.782	18.332	21.065
%RSD	.7001058	.7108795	.8670051	.7056627	.6699385
#1	3095.258	37270.81	3567.021	2591.547	3157.625
#2	3099.000	37686.05	3569.175	2618.554	3155.435
#3	3059.864	37191.13	3514.815	2583.575	3120.093

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-05 Acquired: 12/16/2024 1:59:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899110	.0202580	.7895901	-.005006	.0282627	82.17936	.8747759
Stddev	.0011542	.0019205	.0030074	.002622	.0006908	.24727	.0023631
%RSD	1.283737	9.480311	.3808833	52.37817	2.444206	.3008916	.2701330
#1	.0888389	.0214015	.7915645	-.007718	.0289459	81.96608	.8733225
#2	.0897614	.0180408	.7861289	-.004818	.0275645	82.12160	.8775025
#3	.0911327	.0213318	.7910770	-.002484	.0282775	82.45039	.8735027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065424	.0058189	93.45594	.1015803	.1211466	.1627995	177.3632
Stddev	.0000445	.0001074	.32186	.0008013	.0007581	.0090256	.0341
%RSD	.6794980	1.845202	.3443933	.7888495	.6257438	5.544019	.0192112
#1	.0065431	.0059087	93.19473	.1024389	.1219761	.1558996	177.3980
#2	.0065866	.0058481	93.35759	.1008523	.1209741	.1594852	177.3299
#3	.0064977	.0057000	93.81549	.1014498	.1204897	.1730138	177.3618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.27005	31.52380	.1256054	-.011529	-.380174	.1714236	.6415086
Stddev	.02674	.12667	.0004288	.000277	.125576	.0114964	.0121772
%RSD	.2179480	.4018194	.3413738	2.403386	33.03120	6.706431	1.898216
#1	12.26813	31.42428	.1260788	-.011446	-.269237	.1651623	.6365795
#2	12.29770	31.66639	.1254944	-.011303	-.516507	.1644171	.6325686
#3	12.24432	31.48073	.1252430	-.011838	-.354779	.1846916	.6553776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.435001	2.704320	-.039918	.0048578	1.219213	10.20802	.0317653
Stddev	.129906	.002206	.001628	.0001539	.004979	.04246	.0009639
%RSD	3.781828	.0815842	4.079385	3.167795	.4083518	.4159145	3.034451
#1	3.314116	2.703408	-.038466	.0047458	1.215321	10.21448	.0309102
#2	3.572357	2.706837	-.039611	.0050333	1.224823	10.24687	.0315758
#3	3.418530	2.702717	-.041679	.0047943	1.217493	10.16270	.0328098

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-05 Acquired: 12/16/2024 1:59:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6576715	.0360950	.1009588
Stddev	.0069374	.0003059	.0033122
%RSD	1.054843	.8475540	3.280731
#1	.6578594	.0362028	.1014609
#2	.6645131	.0363323	.1039912
#3	.6506421	.0357497	.0974242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.030	31172.11	2911.587	2163.163	3138.163
Stddev	3.477	300.95	3.127	20.693	5.633
%RSD	.1354400	.9654398	.1074133	.9565879	.1794893
#1	2564.142	31189.34	2913.444	2163.195	3131.913
#2	2570.889	31464.07	2907.976	2183.840	3139.731
#3	2566.058	30862.91	2913.340	2142.455	3142.846

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-06 Acquired: 12/16/2024 2:03:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963391	.0103024	.5727948	.0132334	.0346360	99.13895	.7057493
Stddev	.0015668	.0024727	.0023396	.0026919	.0028079	.42452	.0048402
%RSD	1.626306	24.00115	.4084602	20.34174	8.106745	.4282027	.6858191
#1	.0949363	.0131298	.5704356	.0115568	.0365962	99.58762	.7110761
#2	.0960512	.0085446	.5728344	.0118050	.0314193	99.08559	.7045508
#3	.0980299	.0092327	.5751143	.0163384	.0358925	98.74363	.7016210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073366	.0044024	29.34786	.1125940	.1135489	.1463192	191.9811
Stddev	.0001274	.0000908	.03697	.0006416	.0004996	.0067049	1.0870
%RSD	1.736738	2.062603	.1259682	.5698455	.4399907	4.582402	.5662164
#1	.0074824	.0044556	29.38581	.1118621	.1140905	.1540360	193.0639
#2	.0072805	.0042976	29.34582	.1128601	.1134500	.1430030	191.9894
#3	.0072469	.0044541	29.31196	.1130598	.1131061	.1419185	190.8899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.61178	21.55525	.1336525	-.013702	.1387986	.1893388	.5916342
Stddev	.07967	.10030	.0002659	.000640	.3052341	.0024740	.0290409
%RSD	.6861285	.4653242	.1989374	4.669784	219.9116	1.306632	4.908583
#1	11.69925	21.64348	.1333954	-.014334	-.209937	.1909884	.6244130
#2	11.59274	21.57611	.1336357	-.013055	.268947	.1905338	.5813713
#3	11.54335	21.44616	.1339264	-.013716	.357386	.1864942	.5691183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.758828	1.962551	-.040318	.0032355	.6466467	9.289201	.0251974
Stddev	.143901	.004420	.001844	.0000536	.0047824	.074960	.0021132
%RSD	5.216003	.2252210	4.573417	1.656760	.7395628	.8069600	8.386533
#1	2.922876	1.957692	-.038191	.0032051	.6517052	9.224387	.0238050
#2	2.653919	1.966334	-.041307	.0032039	.6460357	9.371291	.0276290
#3	2.699690	1.963627	-.041456	.0032974	.6421993	9.271925	.0241582

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-06 Acquired: 12/16/2024 2:03:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5599236	-.046441	.1064456
Stddev	.0068991	.000166	.0021185
%RSD	1.232145	.3568879	1.990186
#1	.5673173	-.046559	.1045297
#2	.5536583	-.046513	.1060864
#3	.5587951	-.046252	.1087207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.375	32379.93	3043.757	2260.200	3262.249
Stddev	1.429	197.64	26.568	15.536	3.677
%RSD	.0529798	.6103779	.8728584	.6873926	.1127203
#1	2698.445	32157.94	3043.948	2244.269	3259.338
#2	2697.927	32445.07	3017.094	2261.021	3261.028
#3	2695.752	32536.78	3070.229	2275.310	3266.381

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-07 Acquired: 12/16/2024 2:07:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1509601	.0270139	1.118351	.0103920	.0411542	106.6250	.8450680
Stddev	.0016112	.0030030	.003503	.0018807	.0017577	.2678	.0014950
%RSD	1.067267	11.11664	.3132392	18.09716	4.271009	.2511243	.1769025
#1	.1523388	.0301406	1.114681	.0090707	.0399765	106.9107	.8466972
#2	.1513525	.0241521	1.118714	.0095602	.0403115	106.5846	.8437594
#3	.1491890	.0267490	1.121658	.0125452	.0431745	106.3797	.8447474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087626	.0077663	90.66894	.1586365	.1596959	.2912329	244.0259
Stddev	.0001333	.0000533	.21746	.0005426	.0000322	.0021118	.7150
%RSD	1.521341	.6861427	.2398434	.3420294	.0201947	.7251306	.2929985
#1	.0086284	.0077144	90.83408	.1587838	.1596715	.2934422	244.5823
#2	.0088950	.0077637	90.75020	.1590902	.1597324	.2910220	243.2194
#3	.0087643	.0078208	90.42255	.1580354	.1596836	.2892344	244.2759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86638	33.99658	.2088502	-.017245	.0799598	.2201436	.9666239
Stddev	.05331	.03984	.0009736	.000617	.2845183	.0030613	.0115970
%RSD	.3160486	.1171780	.4661703	3.578932	355.8267	1.390610	1.199744
#1	16.90997	34.03242	.2092563	-.017750	-.224221	.2166464	.9751551
#2	16.80695	33.95369	.2095551	-.017429	.339549	.2223384	.9534194
#3	16.88222	34.00363	.2077393	-.016557	.124551	.2214461	.9712973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.523235	3.581411	-.044990	.0048164	1.519196	9.068756	.0406193
Stddev	.113195	.000822	.002492	.0002161	.002380	.083113	.0012915
%RSD	2.502518	.0229524	5.539744	4.486076	.1566375	.9164785	3.179441
#1	4.559082	3.582309	-.043899	.0050016	1.520943	9.079215	.0416603
#2	4.614166	3.581231	-.047842	.0048688	1.520160	9.146144	.0391741
#3	4.396457	3.580695	-.043229	.0045790	1.516486	8.980908	.0410235

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-07 Acquired: 12/16/2024 2:07:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7288719	-.008677	.1323049
Stddev	.0030528	.000343	.0026730
%RSD	.4188440	3.956633	2.020306
#1	.7312159	-.008453	.1293344
#2	.7254198	-.009072	.1330644
#3	.7299801	-.008505	.1345159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.967	35537.64	3381.393	2486.370	3171.227
Stddev	1.902	171.98	9.901	14.744	2.410
%RSD	.0647351	.4839428	.2928105	.5929809	.0759893
#1	2938.255	35358.22	3371.010	2470.340	3168.448
#2	2935.937	35553.64	3382.440	2489.417	3172.739
#3	2939.707	35701.07	3390.729	2499.351	3172.494

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-08 Acquired: 12/16/2024 2:11:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1527340	.0255485	1.145217	.0153781	.0414077	107.8526	.8546623
Stddev	.0056234	.0024032	.006581	.0020712	.0020513	.4242	.0035371
%RSD	3.681827	9.406477	.5746505	13.46826	4.953966	.3933073	.4138588
#1	.1464042	.0229133	1.151527	.0131089	.0437663	107.6508	.8506161
#2	.1571532	.0276193	1.145727	.0171669	.0404175	107.5669	.8562033
#3	.1546445	.0261128	1.138395	.0158584	.0400393	108.3400	.8571674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088217	.0081079	91.74670	.1611531	.1629239	.2930087	247.1479
Stddev	.0000385	.0000809	.22056	.0004034	.0005497	.0049480	.6327
%RSD	.4368822	.9978803	.2403967	.2503058	.3374211	1.688703	.2560119
#1	.0088445	.0082012	91.49674	.1607535	.1633207	.2964030	246.4596
#2	.0087772	.0080655	91.82945	.1611456	.1631547	.2952918	247.2798
#3	.0088435	.0080571	91.91392	.1615602	.1622964	.2873313	247.7043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.05108	34.35160	.2135344	-.016172	-.084582	.2130927	.9862639
Stddev	.08250	.17351	.0008936	.001946	.352882	.0031359	.0082904
%RSD	.4838680	.5050896	.4184655	12.03470	417.2065	1.471608	.8405857
#1	16.96810	34.21393	.2125468	-.018414	-.339024	.2136276	.9840667
#2	17.05205	34.29438	.2137693	-.015179	-.232987	.2097237	.9954315
#3	17.13310	34.54649	.2142870	-.014922	.318265	.2159267	.9792934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.701426	3.661856	-.052881	.0050330	1.552605	9.221424	.0422153
Stddev	.088562	.007671	.003277	.0006007	.013934	.061383	.0022374
%RSD	1.883736	.2094707	6.197652	11.93596	.8974515	.6656574	5.300052
#1	4.800113	3.668737	-.054018	.0050538	1.567673	9.240322	.0426379
#2	4.628866	3.653586	-.049186	.0056231	1.540185	9.152814	.0397967
#3	4.675298	3.663245	-.055438	.0044221	1.549956	9.271135	.0442113

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-08 Acquired: 12/16/2024 2:11:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7427541	-.008493	.1341962
Stddev	.0004762	.000690	.0068159
%RSD	.0641127	8.123303	5.079056
#1	.7425876	-.008417	.1377859
#2	.7432912	-.009218	.1263357
#3	.7423834	-.007845	.1384670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.722	35286.69	3369.362	2468.564	3122.080
Stddev	9.688	122.81	12.399	14.101	13.354
%RSD	.3329554	.3480361	.3679811	.5712179	.4277203
#1	2900.262	35403.16	3372.267	2482.079	3106.979
#2	2909.281	35158.39	3380.050	2453.942	3126.933
#3	2919.623	35298.51	3355.768	2469.671	3132.329

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-07LX5 Acquired: 12/16/2024 2:28:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0284829**	**.0063023**	**.2315749**	**-.008216**	**.0079379**	**25.25716**	**.2012389**
Stddev	.0069796	.0003210	.0016028	.003174	.0015583	.05053	.0011033
%RSD	24.50466	5.093022	.6921080	38.63813	19.63164	.2000779	.5482585
#1	.0243879	.0063430	.2330948	-.011545	.0097369	25.23152	.2012361
#2	.0245187	.0066010	.2299005	-.005223	.0070038	25.31537	.2001369
#3	.0365419	.0059629	.2317293	-.007879	.0070730	25.22458	.2023435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022273**	**.0014445**	**21.77897**	**.0383150**	**.0433289**	**.0658785**	**58.51237**
Stddev	.0000708	.0000271	.14432	.0007396	.0003546	.0078265	.19700
%RSD	3.179047	1.877392	.6626541	1.930329	.8183272	11.88014	.3366733
#1	.0023053	.0014739	21.73202	.0388134	.0429195	.0603955	58.30151
#2	.0022094	.0014206	21.66397	.0386664	.0435376	.0748415	58.54391
#3	.0021672	.0014390	21.94092	.0374652	.0435296	.0623987	58.69170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.066297**	**8.258480**	**.0435701**	**-.002311**	**-.416743**	**.0448709**	**.2370298**
Stddev	.010071	.047073	.0003931	.000244	.902039	.0065836	.0110349
%RSD	.2476792	.5699999	.9021900	10.54842	216.4500	14.67223	4.655473
#1	4.054670	8.307071	.0431319	-.002296	-.696842	.0524500	.2301780
#2	4.071910	8.213087	.0436869	-.002561	-1.14550	.0405703	.2311520
#3	4.072312	8.255284	.0438916	-.002075	.59212	.0415923	.2497593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6055202**	**.7072569**	**-.027612**	**.0002683**	**.3029157**	**2.221915**	**.0094181**
Stddev	.0601704	.0023289	.001252	.0001981	.0023793	.005222	.0010626
%RSD	9.936982	.3292882	4.534127	73.82200	.7854624	.2350032	11.28270
#1	.6734806	.7057012	-.026258	.0001055	.3055710	2.221733	.0086979
#2	.5840510	.7061350	-.028727	.0004888	.3009773	2.227224	.0106385
#3	.5590291	.7099344	-.027852	.0002107	.3021988	2.216786	.0089179

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-07LX5 Acquired: 12/16/2024 2:28:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1713810	-.002569	.0612098
Stddev	.0078669	.000127	.0050287
%RSD	4.590281	4.947673	8.215459
#1	.1622976	-.002697	.0557241
#2	.1758460	-.002443	.0623042
#3	.1759994	-.002569	.0656012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.778	30336.12	2762.944	2042.101	3177.747
Stddev	5.455	52.88	14.210	4.707	8.411
%RSD	.2261701	.1743215	.5142909	.2304918	.2646873
#1	2409.593	30284.75	2756.389	2038.029	3170.543
#2	2417.986	30333.22	2753.196	2047.254	3186.990
#3	2407.755	30390.40	2779.248	2041.021	3175.710

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-09 Acquired: 12/16/2024 2:32:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2337439	.1235711	1.152445	.1546256	.1823290	109.5518	4.301921
Stddev	.0061432	.0002128	.002832	.0050951	.0019811	.2125	.012098
%RSD	2.628180	.1721852	.2457453	3.295116	1.086574	.1939763	.2812320
#1	.2300425	.1234339	1.154983	.1604673	.1846162	109.7818	4.312399
#2	.2408352	.1234632	1.149390	.1511001	.1811441	109.5108	4.304684
#3	.2303539	.1238162	1.152961	.1523093	.1812269	109.3627	4.288680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908651	.1047728	90.91590	.5247565	1.310148	.7086304	246.3882
Stddev	.0003385	.0001908	.32776	.0011636	.001746	.0043005	1.2392
%RSD	.3724723	.1820921	.3605120	.2217443	.1333030	.6068794	.5029460
#1	.0906535	.1048403	91.28247	.5248727	1.311995	.7046618	247.5217
#2	.0906863	.1049207	90.65108	.5235391	1.308524	.7131997	246.5777
#3	.0912555	.1045574	90.81415	.5258576	1.309925	.7080299	245.0652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.72482	34.03180	1.260890	.0510816	.0429208	1.084246	1.699017
Stddev	.06585	.08583	.001295	.0009632	.4297037	.003905	.007659
%RSD	.3715080	.2522056	.1026698	1.885636	1001.155	.3601564	.4507716
#1	17.78065	34.06786	1.261296	.0501099	.4404713	1.082288	1.707170
#2	17.74160	34.09372	1.261933	.0510987	-.412974	1.081707	1.697906
#3	17.65220	33.93382	1.259441	.0520361	.101265	1.088743	1.691974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.011190	3.550231	-.095795	.0020624	1.558157	9.006946	.0420300
Stddev	.036806	.009727	.003001	.0003138	.006187	.061865	.0019214
%RSD	.6122989	.2739816	3.132732	15.21528	.3970599	.6868559	4.571437
#1	6.023443	3.551526	-.095254	.0017022	1.551041	8.983939	.0439909
#2	5.969820	3.559245	-.093101	.0022080	1.562258	8.959881	.0401507
#3	6.040307	3.539921	-.099029	.0022769	1.561173	9.077018	.0419485

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-09 Acquired: 12/16/2024 2:32:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7267799	-.011596	.1272005
Stddev	.0034022	.000259	.0061341
%RSD	.4681262	2.234378	4.822378
#1	.7297822	-.011778	.1340024
#2	.7230844	-.011299	.1255108
#3	.7274729	-.011710	.1220884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.234	35428.80	3287.914	2402.505	3105.282
Stddev	11.498	168.19	5.819	13.799	11.646
%RSD	.4014284	.4747241	.1769831	.5743538	.3750501
#1	2852.284	35455.92	3294.631	2402.803	3093.315
#2	2865.198	35248.70	3284.390	2388.559	3105.951
#3	2875.220	35581.78	3284.722	2416.152	3116.579

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-10 Acquired: 12/16/2024 2:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0868242**	**.0173316**	**2.663329**	**-.019204**	**.0282531**	**79.37054**
Stddev	.0051663	.0038303	.012583	.005872	.0028571	.65418
%RSD	5.950334	22.09990	.4724491	30.57433	10.11256	.8242151
#1	.0904099	.0217286	2.652044	-.012859	.0257070	80.00727
#2	.0891604	.0155458	2.661045	-.020307	.0277092	79.40414
#3	.0809025	.0147203	2.676897	-.024446	.0313430	78.70019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.794810**	**.0070564**	**.0101452**	**168.2592**	**.1721195**	**.1235970**
Stddev	.012651	.0001976	.0001687	1.0777	.0007537	.0005753
%RSD	.7048413	2.799621	1.662514	.6405233	.4378672	.4654967
#1	1.808463	.0072392	.0099796	169.2657	.1714313	.1239170
#2	1.792480	.0070833	.0101392	168.3897	.1720023	.1229328
#3	1.783486	.0068469	.0103168	167.1221	.1729249	.1239413

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4391335**	**171.4852**	**6.901807**	**38.77712**	**.2589222**	**-.010229**
Stddev	.0050080	1.3854	.052215	.30441	.0012427	.001025
%RSD	1.140426	.8078765	.7565372	.7850146	.4799619	10.02492
#1	.4442578	172.8996	6.956679	39.05321	.2574874	-.009529
#2	.4388921	171.4251	6.896008	38.82748	.2596180	-.011406
#3	.4342506	170.1308	6.852734	38.45067	.2596611	-.009752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1134520**	**.2071350**	**2.120152**	**13.65538**	F **18.33250**	**-.011507**
Stddev	.6137170	.0090192	.023252	.18853	.07092	.003417
%RSD	540.9485	4.354257	1.096723	1.380612	.3868389	29.69578
#1	.8117831	.2049491	2.111528	13.87208	18.27419	-.010984
#2	-.131316	.2170463	2.102444	13.52904	18.31188	-.015155
#3	-.340111	.1994098	2.146484	13.56502	18.41145	-.008381

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-10 Acquired: 12/16/2024 2:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045613	5.314864	8.110384	.1320701	1.029116	.3089687
Stddev	.0001550	.033082	.134523	.0011784	.009806	.0027673
%RSD	3.398720	.6224439	1.658647	.8922533	.9528747	.8956715
#1	.0046523	5.280766	8.159629	.1328766	1.033312	.3119652
#2	.0043823	5.317000	8.213344	.1326160	1.036125	.3084318
#3	.0046493	5.346827	7.958178	.1307178	1.017910	.3065092

Elem	Li6707
Units	ppm
Avg	.1828331
Stddev	.0027558
%RSD	1.507289
#1	.1841076
#2	.1847210
#3	.1796707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.092	32452.84	3052.934	2222.316	3103.854
Stddev	11.565	70.34	38.367	11.774	14.530
%RSD	.4391990	.2167554	1.256713	.5298114	.4681376
#1	2637.599	32469.40	3034.878	2221.826	3108.954
#2	2641.723	32513.43	3026.927	2234.328	3115.146
#3	2619.952	32375.70	3096.997	2210.796	3087.461

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-11 Acquired: 12/16/2024 2:40:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1035276**	**.0121233**	**2.301944**	**-.013820**	**.0525356**	**73.50524**
Stddev	.0040485	.0018183	.009507	.001438	.0007042	.23178
%RSD	3.910577	14.99828	.4129860	10.40787	1.340419	.3153256
#1	.1025879	.0142226	2.302512	-.013831	.0517234	73.35183
#2	.1079634	.0111040	2.292167	-.012377	.0529066	73.39202
#3	.1000316	.0110433	2.311155	-.015254	.0529766	73.77187

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.808321**	**.0086359**	**.0104295**	**180.4507**	**.2734136**	**.1337806**
Stddev	.006107	.0001735	.0000782	.5725	.0010069	.0003020
%RSD	.3377415	2.008839	.7493360	.3172680	.3682662	.2257569
#1	1.806259	.0084761	.0105195	180.3905	.2725490	.1335090
#2	1.803512	.0086111	.0103903	179.9106	.2745191	.1337269
#3	1.815193	.0088204	.0103787	181.0509	.2731726	.1341058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5068856**	**276.5964**	**6.932853**	**32.74673**	**.2727707**	**-.020326**
Stddev	.0137458	.8317	.032356	.22726	.0010515	.000858
%RSD	2.711822	.3006936	.4667091	.6940079	.3854864	4.221430
#1	.5227493	276.4770	6.931009	32.69359	.2736013	-.020096
#2	.4985004	275.8309	6.901458	32.55074	.2715884	-.021276
#3	.4994070	277.4814	6.966092	32.99585	.2731222	-.019606

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3254019**	**.2172207**	**1.956977**	**9.244694**	F **17.29901**	**-.079693**
Stddev	1.196728	.0021344	.014421	.262747	.05261	.006451
%RSD	367.7691	.9825853	.7368882	2.842134	.3041116	8.095412
#1	1.263848	.2181440	1.968088	9.496661	17.28481	-.079882
#2	.734612	.2147801	1.962163	8.972354	17.25496	-.073150
#3	-1.02225	.2187380	1.940681	9.265066	17.35726	-.086048

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-11 Acquired: 12/16/2024 2:40:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053901	3.846090	9.140535	.3651933	.9890564	.2922559
Stddev	.0001383	.009432	.048744	.0014814	.0106603	.0014394
%RSD	2.566591	.2452439	.5332750	.4056426	1.077823	.4925212
#1	.0055060	3.839102	9.099103	.3664846	.9809660	.2928772
#2	.0052369	3.842350	9.128259	.3655192	.9850672	.2906102
#3	.0054273	3.856819	9.194244	.3635761	1.001136	.2932803

Elem	Li6707
Units	ppm
Avg	.1739118
Stddev	.0054953
%RSD	3.159834
#1	.1764927
#2	.1676011
#3	.1776416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.034	31944.09	2993.340	2177.522	3035.516
Stddev	9.034	95.30	17.749	7.980	5.539
%RSD	.3500052	.2983377	.5929534	.3664521	.1824800
#1	2571.836	31976.01	3011.019	2175.945	3029.133
#2	2581.371	31836.93	2993.480	2170.449	3038.354
#3	2589.894	32019.34	2975.522	2186.173	3039.061

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-12 Acquired: 12/16/2024 2:44:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932648	.0197924	2.054577	-.016085	.0402537	73.55918
Stddev	.0024645	.0016431	.012346	.007247	.0028759	.21301
%RSD	2.642508	8.301457	.6008895	45.05766	7.144470	.2895795
#1	.0952290	.0202053	2.045853	-.016113	.0423031	73.77882
#2	.0940661	.0211895	2.049176	-.023318	.0369661	73.54523
#3	.0904993	.0179822	2.068703	-.008823	.0414920	73.35348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.622223	.0066681	.0077515	124.4279	.1515663	.1184412
Stddev	.009029	.0001579	.0001090	.3775	.0013291	.0006134
%RSD	.5565899	2.368619	1.406821	.3034077	.8769301	.5178982
#1	1.631864	.0067047	.0076800	124.6783	.1501207	.1181704
#2	1.620842	.0064951	.0078770	124.6117	.1518427	.1180098
#3	1.613964	.0068046	.0076974	123.9936	.1527355	.1191434

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3857880	153.8943	6.676922	32.69037	.2152100	-.009953
Stddev	.0050848	.7557	.019896	.19449	.0007492	.000488
%RSD	1.318020	.4910489	.2979828	.5949591	.3481193	4.899734
#1	.3916114	154.6344	6.699077	32.85739	.2144657	-.009462
#2	.3822276	153.9244	6.671110	32.73689	.2152004	-.009961
#3	.3835249	153.1239	6.660579	32.47684	.2159640	-.010437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2362290	.2009845	1.706798	9.239635	F 15.22234	-.015328
Stddev	.3117758	.0032985	.035316	.072375	.10703	.002086
%RSD	131.9803	1.641199	2.069160	.7833119	.7031295	13.61034
#1	.4210333	.2037181	1.710063	9.318140	15.12728	-.015974
#2	.4113894	.2019147	1.740368	9.175565	15.20146	-.012995
#3	-.123736	.1973207	1.669962	9.225199	15.33827	-.017014

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-12 Acquired: 12/16/2024 2:44:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037400	3.520947	8.995991	2.948385	1.028744	.3212126
Stddev	.0005947	.034956	.074843	.018162	.005424	.0011047
%RSD	15.90044	.9928061	.8319586	.6160025	.5271964	.3439245
#1	.0032107	3.484988	9.022330	2.932162	1.034526	.3223078
#2	.0036258	3.523046	8.911539	2.944987	1.023770	.3212317
#3	.0043835	3.554806	9.054103	2.968006	1.027935	.3200985

Elem	Li6707
Units	ppm
Avg	.1687286
Stddev	.0015736
%RSD	.9325955
#1	.1669769
#2	.1691867
#3	.1700223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.530	32467.53	3057.783	2215.816	3111.373
Stddev	8.712	106.11	22.593	15.635	11.048
%RSD	.3312034	.3268074	.7388747	.7056114	.3550762
#1	2631.340	32454.26	3040.566	2210.823	3116.879
#2	2638.809	32368.68	3083.366	2203.288	3118.585
#3	2621.441	32579.64	3049.417	2233.338	3098.654

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV035 Acquired: 12/16/2024 3:04:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.633866**	**4.656270**	**23.37756**	**4.625787**	**4.583277**	**369.4012**	**9.641832**
Stddev	.015405	.006102	.05459	.013913	.019428	.4780	.028145
%RSD	.3324419	.1310479	.2335198	.3007674	.4238986	.1293851	.2919030
#1	4.621818	4.651284	23.35171	4.612497	4.584196	369.7398	9.629953
#2	4.651223	4.654451	23.34069	4.624616	4.563405	368.8545	9.621575
#3	4.628557	4.663074	23.44028	4.640249	4.602230	369.6094	9.673969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4659313**	**2.345344**	**381.8063**	**14.96873**	**2.691768**	**14.64642**	**377.7879**
Stddev	.0013425	.006926	1.2129	.02770	.008599	.08217	.8220
%RSD	.2881236	.2953144	.3176842	.1850218	.3194683	.5610318	.2175693
#1	.4645607	2.340653	383.1754	14.99868	2.689534	14.61182	377.9467
#2	.4659893	2.342080	380.8662	14.94406	2.684506	14.58722	376.8981
#3	.4672438	2.353299	381.3773	14.96344	2.701264	14.74024	378.5188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.88186**	**373.8461**	**2.465952**	**1.153015**	**381.0415**	**2.349653**	**14.83779**
Stddev	.04804	1.0512	.006875	.001606	1.3506	.011986	.07538
%RSD	.3460363	.2811808	.2787976	.1392640	.3544502	.5101099	.5080252
#1	13.85899	373.8174	2.464730	1.153393	380.6624	2.362620	14.86147
#2	13.84954	372.8096	2.459770	1.151254	379.9210	2.338980	14.75341
#3	13.93706	374.9113	2.473356	1.154398	382.5412	2.347357	14.89849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**163.3080**	**4.717860**	**4.738762**	**4.528182**	**4.920209**	**4.679296**	**4.741588**
Stddev	.3703	.012028	.004290	.012273	.018048	.004695	.012533
%RSD	.2267460	.2549565	.0905267	.2710304	.3668131	.1003255	.2643187
#1	163.4450	4.710672	4.733870	4.522669	4.905561	4.675751	4.738744
#2	162.8887	4.711161	4.740538	4.519633	4.914695	4.684620	4.730722
#3	163.5902	4.731746	4.741879	4.542245	4.940371	4.677517	4.755299

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV035 Acquired: 12/16/2024 3:04:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**4.707272**	**4.524728**	**5.086849**
Stddev	.011811	.011662	.015809
%RSD	.2509044	.2577413	.3107805
#1	4.707387	4.522819	5.074362
#2	4.695404	4.514138	5.081562
#3	4.719025	4.537227	5.104624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1931.169**	**25721.88**	**2541.857**	**1622.186**	**2533.349**
Stddev	9.213	118.25	10.375	8.102	12.345
%RSD	.4770772	.4597353	.4081555	.4994690	.4872991
#1	1928.105	25595.43	2533.885	1614.149	2529.739
#2	1941.523	25829.73	2553.587	1630.352	2547.097
#3	1923.878	25740.47	2538.098	1622.057	2523.212

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB035 Acquired: 12/16/2024 3:08:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026824**	**.0019203**	**.0045157**	**-.001920**	**.0003055**	**-.012279**
Stddev	.0032471	.0019097	.0028089	.003394	.0006539	.015213
%RSD	121.0521	99.44735	62.20317	176.7404	214.0563	123.9005
#1	.0053536	.0012756	.0076727	.001243	-.000079	-.010565
#2	.0036253	.0004164	.0022931	-.005505	-.000065	.002005
#3	-.000932	.0040688	.0035812	-.001498	.001061	-.028276

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010729**	**.0000917**	**.0000332**	**-.001358**	**.0000839**	**-.000380**
Stddev	.0008613	.0000519	.0000272	.045853	.0009784	.000298
%RSD	80.28030	56.57616	81.82824	3377.045	1166.617	78.47941
#1	.0020042	.0001176	.0000119	-.049294	.0008113	-.000723
#2	.0009097	.0001254	.0000639	.003140	-.001028	-.000183
#3	.0003049	.0000319	.0000239	.042081	.000469	-.000234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021443**	**-.007064**	**.0006035**	**.0506138**	**.0006199**	**.0003125**
Stddev	.0097081	.020985	.0017991	.0709930	.0008540	.0010487
%RSD	452.7479	297.0807	298.1268	140.2641	137.7634	335.5366
#1	.0044470	.014562	.0018585	.0615115	.0007886	.0011940
#2	-.008508	-.027343	-.001458	-.025198	.0013770	.0005909
#3	.010494	-.008409	.001410	.115528	-.000306	-.000847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.696551**	**-.005525**	**-.008163**	**-1.00362**	**-.001684**	**.0191257**
Stddev	.598667	.008190	.007471	.18434	.001380	.0012976
%RSD	85.94723	148.2471	91.51463	18.36696	81.91864	6.784746
#1	-.733239	-.004044	-.006368	-1.10108	-.002931	.0206158
#2	-1.27603	-.014354	-.001754	-.79102	-.001920	.0185167
#3	-.08038	.001824	-.016368	-1.11877	-.000202	.0182446

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB035 Acquired: 12/16/2024 3:08:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006651	-.006174	.0001258	.0011933	.0037827	.0001689
Stddev	.0007359	.002527	.0008102	.0004626	.0029619	.0000449
%RSD	110.6590	40.92286	644.0840	38.76711	78.30167	26.59000
#1	.0012476	-.003257	.0002010	.0017192	.0011544	.0001218
#2	-.000162	-.007670	.0008957	.0008490	.0069920	.0002112
#3	.000910	-.007597	-.000719	.0010118	.0032016	.0001738

Elem	Li6707
Units	ppm
Avg	F .0349936
Stddev	.0037651
%RSD	10.75941
#1	.0306981
#2	.0365608
#3	.0377220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.467	28954.25	2636.485	1976.407	3223.233
Stddev	3.270	439.05	22.086	31.812	4.730
%RSD	.1403820	1.516363	.8376934	1.609598	.1467457
#1	2333.195	28798.18	2611.018	1968.294	3228.328
#2	2328.119	29450.01	2650.377	2011.490	3222.389
#3	2327.086	28614.55	2648.060	1949.436	3218.981

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-13 Acquired: 12/16/2024 3:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818273	.0252081	.1622136	-.038707	.0186291	51.94394	.5184834
Stddev	.0029810	.0043785	.0013549	.001264	.0021808	.49491	.0044005
%RSD	3.643084	17.36949	.8352436	3.265697	11.70613	.9527851	.8487300
#1	.0806485	.0274829	.1608555	-.037369	.0166355	51.76195	.5161005
#2	.0796159	.0201604	.1635653	-.038869	.0209581	51.56579	.5157883
#3	.0852175	.0279811	.1622202	-.039882	.0182938	52.50409	.5235615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049486	.0034062	535.9600	.0836858	.1264214	.2798148	175.4197
Stddev	.0001170	.0000554	6.5304	.0009260	.0002774	.0099156	1.4909
%RSD	2.365128	1.627298	1.218455	1.106504	.2194642	3.543631	.8499210
#1	.0048365	.0034701	533.4697	.0846286	.1265301	.2751365	174.8617
#2	.0050700	.0033723	531.0412	.0836513	.1266280	.2731038	174.2882
#3	.0049391	.0033761	543.3692	.0827776	.1261061	.2912040	177.1091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.840853	124.3370	.1663618	-.014431	.1733180	.1900550	.3547876
Stddev	.052606	.8352	.0004942	.000768	.5945502	.0140964	.0075495
%RSD	.9006578	.6717521	.2970851	5.320374	343.0401	7.416982	2.127883
#1	5.818948	123.7655	.1658327	-.014623	.2016158	.2061103	.3569843
#2	5.802740	123.9499	.1664413	-.015084	.7532140	.1843463	.3463834
#3	5.900872	125.2955	.1668115	-.013585	-.434876	.1797084	.3609951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375466	7.001167	-.042855	-.001852	.6781727	5.814818	.0170028
Stddev	.154758	.028536	.002678	.000264	.0019601	.037965	.0016887
%RSD	3.536946	.4075828	6.247913	14.28137	.2890263	.6528925	9.931782
#1	4.434197	6.972353	-.042767	-.001702	.6800507	5.784735	.0171570
#2	4.199939	7.001731	-.045575	-.001697	.6761397	5.802244	.0186091
#3	4.492261	7.029416	-.040222	-.002157	.6783276	5.857474	.0152423

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-13 Acquired: 12/16/2024 3:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.156176	.4613228	.1714103
Stddev	.005023	.0034176	.0019835
%RSD	.4344116	.7408204	1.157190
#1	1.153437	.4590355	.1701793
#2	1.153118	.4596815	.1736985
#3	1.161972	.4652514	.1703531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.636	31620.16	3003.081	2159.373	2852.924
Stddev	1.448	196.51	27.656	8.255	2.925
%RSD	.0563566	.6214745	.9209119	.3823006	.1025364
#1	2566.994	31493.90	3007.437	2160.385	2849.747
#2	2569.729	31846.57	3028.301	2167.076	2853.518
#3	2569.186	31520.02	2973.506	2150.658	2855.506

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-14 Acquired: 12/16/2024 3:16:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0801224**	**.0108341**	**2.167778**	**-.007910**	**.0286265**	**76.57414**
Stddev	.0035399	.0044112	.009309	.002639	.0020568	.10828
%RSD	4.418101	40.71551	.4294482	33.36295	7.185121	.1414017
#1	.0781901	.0135019	2.159667	-.008861	.0306431	76.46874
#2	.0842080	.0057425	2.165724	-.009942	.0287047	76.56858
#3	.0779692	.0132579	2.177943	-.004927	.0265316	76.68509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.174543**	**.0068097**	**.0059029**	**69.70908**	**.1395473**	**.1059829**
Stddev	.002473	.0002805	.0001549	.27696	.0007439	.0005649
%RSD	.2105297	4.118538	2.624365	.3973103	.5330790	.5329917
#1	1.172621	.0069524	.0057303	69.57546	.1396830	.1057320
#2	1.173674	.0064866	.0060298	70.02752	.1387450	.1055870
#3	1.177332	.0069901	.0059487	69.52426	.1402141	.1066298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2595257**	**166.9517**	**7.257596**	**32.36061**	**.1986590**	**-.012120**
Stddev	.0104102	.3141	.016295	.09788	.0011687	.000436
%RSD	4.011238	.1881235	.2245181	.3024521	.5882864	3.598848
#1	.2574571	166.5936	7.243026	32.24790	.1979524	-.012624
#2	.2503051	167.1806	7.254569	32.40971	.1980168	-.011854
#3	.2708149	167.0808	7.275191	32.42421	.2000080	-.011883

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2058901**	**.1823851**	**1.038712**	**9.669205**	F **10.77834**	**-.030559**
Stddev	.4244467	.0030233	.021307	.053439	.02761	.004187
%RSD	206.1521	1.657640	2.051273	.5526761	.2561463	13.70121
#1	.6407386	.1794144	1.039247	9.609962	10.75762	-.026912
#2	-.207328	.1854583	1.059746	9.683878	10.76772	-.029634
#3	.184259	.1822826	1.017142	9.713775	10.80968	-.035132

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-14 Acquired: 12/16/2024 3:16:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042383	3.717835	8.772130	.0793635	.9559300	-.003387
Stddev	.0002954	.006806	.050203	.0020594	.0055869	.000452
%RSD	6.969709	.1830595	.5722962	2.594861	.5844477	13.33754
#1	.0039654	3.713704	8.745681	.0772774	.9499462	-.003413
#2	.0041975	3.714110	8.740682	.0794179	.9610099	-.003825
#3	.0045520	3.725690	8.830027	.0813951	.9568338	-.002923

Elem	Li6707
Units	ppm
Avg	.1728319
Stddev	.0069625
%RSD	4.028456
#1	.1773500
#2	.1648139
#3	.1763319

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.521	33573.91	3119.629	2298.649	3190.811
Stddev	15.372	104.04	19.524	10.918	17.559
%RSD	.5667180	.3098716	.6258313	.4749658	.5502847
#1	2724.390	33687.09	3132.797	2309.577	3205.247
#2	2718.017	33482.45	3128.892	2287.742	3195.923
#3	2695.156	33552.19	3097.198	2298.629	3171.265

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-15 Acquired: 12/16/2024 3:20:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180393	.0134869	.7857217	-.001292	.0353013	82.66583	1.620456
Stddev	.0024011	.0030323	.0099837	.003335	.0019617	.69373	.016056
%RSD	2.034186	22.48345	1.270641	258.0613	5.556880	.8392039	.9908318
#1	.1162610	.0168102	.7850279	-.001455	.0341721	82.67639	1.626001
#2	.1170864	.0127802	.7761029	.002121	.0341653	81.96688	1.602362
#3	.1207707	.0108704	.7960342	-.004543	.0375664	83.35423	1.633004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076786	.0072346	68.48598	.1433946	.1166414	.2239227	195.9138
Stddev	.0002723	.0000623	.66364	.0007786	.0013383	.0038568	1.7412
%RSD	3.545709	.8614620	.9690132	.5429901	1.147334	1.722395	.8887770
#1	.0075892	.0072655	68.50163	.1432501	.1168373	.2261862	195.9305
#2	.0074623	.0071629	67.81466	.1442353	.1152159	.2194695	194.1643
#3	.0079843	.0072754	69.14166	.1426983	.1178709	.2261126	197.6467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.311105	32.23954	.2067575	-.015236	.3773864	.2127791	.8954564
Stddev	.081306	.17465	.0014264	.000467	.6436296	.0036906	.0048783
%RSD	.8732166	.5417179	.6898877	3.063579	170.5492	1.734481	.5447882
#1	9.317838	32.31849	.2073388	-.014812	-.120034	.2168420	.8974437
#2	9.226642	32.03935	.2051323	-.015159	1.104311	.2096339	.8898980
#3	9.388835	32.36076	.2078015	-.015736	.147882	.2118615	.8990273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.774567	9.396508	-.047355	.0033822	2.511867	8.592472	.2882656
Stddev	.114832	.051901	.003196	.0005075	.018108	.106373	.0021091
%RSD	1.308690	.5523473	6.749718	15.00435	.7208858	1.237984	.7316449
#1	8.751993	9.395273	-.043894	.0028575	2.517345	8.495457	.2862973
#2	8.672698	9.345235	-.047974	.0034184	2.491652	8.575739	.2880076
#3	8.899009	9.449016	-.050196	.0038705	2.526602	8.706221	.2904917

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-15 Acquired: 12/16/2024 3:20:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9226519	-.029660	.1765718
Stddev	.0147496	.000318	.0080362
%RSD	1.598614	1.073528	4.551251
#1	.9247704	-.029412	.1823606
#2	.9069575	-.029549	.1799582
#3	.9362277	-.030019	.1673966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.838	32980.04	3086.242	2256.699	3135.610
Stddev	7.410	186.72	21.910	17.119	13.947
%RSD	.2747815	.5661515	.7099349	.7585837	.4447999
#1	2692.702	32817.93	3103.999	2243.379	3126.392
#2	2705.393	32937.99	3092.970	2250.709	3151.656
#3	2692.417	33184.20	3061.756	2276.007	3128.782

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-16 Acquired: 12/16/2024 3:24:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0906435	.0228638	.4467666	-.009299	.0341973	92.22680	1.826887
Stddev	.0025735	.0030978	.0016546	.005003	.0023786	.13295	.002361
%RSD	2.839134	13.54913	.3703384	53.79941	6.955392	.1441501	.1292531
#1	.0919608	.0219471	.4484793	-.004183	.0343753	92.07572	1.824312
#2	.0922916	.0203277	.4466436	-.014180	.0364818	92.27874	1.827399
#3	.0876780	.0263165	.4451770	-.009535	.0317347	92.32593	1.828950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078207	.0067025	118.5012	.1402398	.1359726	.1091376	215.6744
Stddev	.0000752	.0002179	.3307	.0000627	.0007983	.0103597	.5859
%RSD	.9617285	3.250236	.2790934	.0446836	.5871414	9.492346	.2716496
#1	.0078941	.0065981	118.2987	.1401676	.1356902	.0982909	215.1160
#2	.0078241	.0065564	118.3221	.1402792	.1353538	.1101922	215.6230
#3	.0077438	.0069529	118.8829	.1402727	.1368738	.1189296	216.2843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.77703	36.39068	.1919606	-.016472	.0971825	.2287384	.5366405
Stddev	.01237	.26743	.0009246	.000660	.4765520	.0064974	.0049237
%RSD	.1050714	.7348962	.4816833	4.006902	490.3683	2.840553	.9175062
#1	11.76305	36.09334	.1914363	-.015922	.6473943	.2219534	.5323783
#2	11.78659	36.46714	.1914173	-.016289	-.185133	.2349038	.5355130
#3	11.78144	36.61156	.1930282	-.017204	-.170714	.2293581	.5420302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.408426	8.229977	-.055634	.0012760	2.326155	8.433932	.0431183
Stddev	.072130	.039723	.003167	.0005712	.015083	.045823	.0011277
%RSD	.9736267	.4826563	5.691664	44.76265	.6484124	.5433197	2.615429
#1	7.367405	8.227105	-.052045	.0013239	2.325287	8.409313	.0420606
#2	7.491712	8.191769	-.056824	.0006824	2.311525	8.405680	.0443049
#3	7.366161	8.271058	-.058033	.0018218	2.341654	8.486802	.0429895

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-16 Acquired: 12/16/2024 3:24:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8815846	-.012713	.1942727
Stddev	.0043877	.000395	.0021232
%RSD	.4977037	3.103977	1.092900
#1	.8783817	-.013075	.1967121
#2	.8797864	-.012293	.1932653
#3	.8865858	-.012773	.1928408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.180	33506.39	3143.942	2296.314	3107.065
Stddev	8.073	128.70	5.021	16.789	9.331
%RSD	.2946264	.3841064	.1597065	.7311390	.3003284
#1	2748.862	33476.90	3143.626	2298.635	3111.394
#2	2738.781	33395.00	3139.086	2278.485	3113.445
#3	2732.898	33647.28	3149.114	2311.822	3096.355

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-17 Acquired: 12/16/2024 3:28:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401698	.0277826	.1340391	-.043313	.0143853	58.01418	.6003615
Stddev	.0027969	.0029821	.0017430	.005250	.0029956	.53669	.0053946
%RSD	6.962690	10.73365	1.300354	12.12069	20.82403	.9250957	.8985642
#1	.0389764	.0277381	.1358025	-.041902	.0178216	58.59594	.6064419
#2	.0381676	.0248230	.1323173	-.038912	.0130095	57.53837	.5961492
#3	.0433654	.0307867	.1339977	-.049124	.0123248	57.90823	.5984934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046967	.0030481	508.6792	.0899920	.1167591	.0787519	147.0885
Stddev	.0000976	.0001597	4.7489	.0006754	.0001054	.0019563	1.5134
%RSD	2.078232	5.238037	.9335764	.7504787	.0902682	2.484182	1.028902
#1	.0046958	.0028752	513.8399	.0894061	.1166665	.0778062	148.7334
#2	.0047947	.0030788	504.4933	.0898392	.1168738	.0774481	145.7551
#3	.0045995	.0031901	507.7046	.0907307	.1167370	.0810014	146.7769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.901784	86.11130	.1598345	-.012668	-.659522	.1392864	.2309328
Stddev	.037452	.79425	.0008293	.001014	.826427	.0041034	.0026166
%RSD	.5426425	.9223518	.5188374	8.006612	125.3070	2.946029	1.133079
#1	6.944811	86.99081	.1589212	-.012279	.113907	.1374927	.2329389
#2	6.876512	85.44642	.1600419	-.013820	-.562153	.1363852	.2279731
#3	6.884028	85.89666	.1605403	-.011906	-1.53032	.1439812	.2318864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.033958	6.902340	-.024154	-.002484	.9807142	6.356189	.0181663
Stddev	.251093	.017796	.000407	.000745	.0072915	.009202	.0004839
%RSD	3.569732	.2578209	1.684498	30.01056	.7434854	.1447739	2.663491
#1	7.322781	6.890496	-.024092	-.001631	.9794177	6.346915	.0181287
#2	6.911546	6.893720	-.024588	-.002806	.9741579	6.356334	.0177024
#3	6.867547	6.922805	-.023781	-.003014	.9885669	6.365318	.0186679

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-17 Acquired: 12/16/2024 3:28:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9756635	.4812043	.1626660
Stddev	.0007522	.0032409	.0035974
%RSD	.0770940	.6735062	2.211540
#1	.9762036	.4848973	.1666048
#2	.9748044	.4788334	.1618395
#3	.9759825	.4798821	.1595538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.486	31271.74	2978.723	2136.771	2858.122
Stddev	4.726	94.74	17.479	12.759	3.547
%RSD	.1869984	.3029622	.5868009	.5971290	.1240992
#1	2524.681	31163.37	2958.545	2123.082	2854.859
#2	2532.943	31338.90	2989.217	2148.332	2861.898
#3	2524.834	31312.94	2988.407	2138.900	2857.611

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-18 Acquired: 12/16/2024 3:32:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0323830**	**.0271533**	**.1026907**	**-.042698**	**.0113217**	**52.40803**	**.4889518**
Stddev	.0044178	.0012418	.0040975	.005425	.0027018	.39679	.0033459
%RSD	13.64239	4.573223	3.990131	12.70614	23.86419	.7571101	.6842930
#1	.0340575	.0263966	.1005633	-.048428	.0144394	52.86618	.4926985
#2	.0273727	.0285864	.1000944	-.037641	.0098604	52.17566	.4878946
#3	.0357188	.0264769	.1074143	-.042023	.0096652	52.18224	.4862621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041662**	**.0023629**	**446.7786**	**.0829917**	**.1145987**	**.0810929**	**127.8873**
Stddev	.0000070	.0000673	4.2421	.0010097	.0002286	.0047799	1.2051
%RSD	.1676626	2.847099	.9494819	1.216638	.1994565	5.894302	.9423141
#1	.0041636	.0022896	451.6338	.0841575	.1143660	.0859897	129.1724
#2	.0041742	.0023771	444.9127	.0823976	.1146071	.0764392	126.7825
#3	.0041610	.0024219	443.7893	.0824200	.1148229	.0808498	127.7069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.285360**	**85.39471**	**.1478718**	**-.010438**	**-.688846**	**.1284619**	**.2006553**
Stddev	.059629	1.16662	.0010420	.000263	.041033	.0055192	.0093544
%RSD	.9486942	1.366147	.7046327	2.516867	5.956771	4.296344	4.661928
#1	6.352005	86.64717	.1467614	-.010238	-.659242	.1348270	.1966246
#2	6.237058	84.33894	.1480257	-.010736	-.735686	.1255546	.2113493
#3	6.267016	85.19802	.1488282	-.010341	-.671611	.1250042	.1939919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.268435**	**6.454422**	**-.011483**	**-.002672**	**.5648682**	**6.210696**	**.0160064**
Stddev	.141157	.030592	.003495	.000257	.0065356	.047072	.0015571
%RSD	1.942058	.4739748	30.43951	9.635002	1.157016	.7579186	9.727987
#1	7.293633	6.420532	-.009851	-.002881	.5656305	6.260473	.0153528
#2	7.116376	6.462739	-.015496	-.002752	.5579849	6.166901	.0148826
#3	7.395296	6.479997	-.009103	-.002384	.5709893	6.204713	.0177838

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-18 Acquired: 12/16/2024 3:32:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9629209	.4965460	.1496687
Stddev	.0114592	.0047210	.0032858
%RSD	1.190043	.9507702	2.195389
#1	.9759163	.5019309	.1534444
#2	.9542663	.4931190	.1481039
#3	.9585801	.4945879	.1474578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.201	30999.11	2973.597	2110.312	2885.262
Stddev	1.735	50.59	20.294	2.466	5.382
%RSD	.0688369	.1632038	.6824758	.1168684	.1865483
#1	2521.842	30976.72	2958.307	2109.617	2890.808
#2	2520.375	30963.57	2996.621	2113.051	2884.918
#3	2518.385	31057.03	2965.863	2108.267	2880.060

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-19 Acquired: 12/16/2024 3:36:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333256	.0288740	.1068121	-.042593	.0167052	54.90930	.6629502
Stddev	.0034975	.0011401	.0028391	.003629	.0035809	.12372	.0000215
%RSD	10.49478	3.948694	2.658060	8.519624	21.43603	.2253178	.0032511
#1	.0346962	.0293808	.1082051	-.046542	.0175484	54.84116	.6629302
#2	.0359301	.0296729	.1035455	-.039406	.0197893	54.83463	.6629730
#3	.0293504	.0275683	.1086857	-.041830	.0127779	55.05211	.6629473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040986	.0028135	452.3218	.0864326	.1164188	.1147641	140.2180
Stddev	.0000629	.0001047	.9506	.0005104	.0008000	.0080948	.1448
%RSD	1.535964	3.722507	.2101545	.5905261	.6871516	7.053438	.1032680
#1	.0040914	.0027078	451.5799	.0862612	.1172113	.1071776	140.3666
#2	.0041648	.0028153	451.9921	.0860300	.1164336	.1232859	140.0773
#3	.0040395	.0029173	453.3933	.0870067	.1156115	.1138288	140.2100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.241922	71.66292	.1726710	-.012485	-.915675	.1287715	.2142793
Stddev	.023679	.17731	.0003491	.000748	.810275	.0043124	.0004720
%RSD	.2872960	.2474195	.2021504	5.994234	88.48940	3.348886	.2202856
#1	8.237031	71.62878	.1727203	-.011739	-.967065	.1273633	.2146526
#2	8.221070	71.50517	.1723000	-.012481	-1.69903	.1336119	.2144365
#3	8.267664	71.85482	.1729929	-.013236	-.08093	.1253391	.2137487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.855516	5.931563	-.027281	-.002163	.6245195	6.205495	.0143751
Stddev	.052572	.016168	.000274	.000251	.0030245	.060333	.0014498
%RSD	.7668544	.2725796	1.005917	11.61703	.4842909	.9722487	10.08562
#1	6.905224	5.919330	-.027052	-.002379	.6270422	6.145994	.0159235
#2	6.800485	5.925466	-.027585	-.001887	.6211666	6.266626	.0141522
#3	6.860839	5.949894	-.027205	-.002221	.6253497	6.203866	.0130497

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-19 Acquired: 12/16/2024 3:36:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9713329	.4564660	.1548927
Stddev	.0031457	.0008432	.0061531
%RSD	.3238528	.1847144	3.972487
#1	.9711427	.4571192	.1542646
#2	.9682866	.4555142	.1613357
#3	.9745694	.4567645	.1490777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.489	31226.85	2991.884	2135.076	2921.185
Stddev	3.527	75.23	23.446	8.159	4.433
%RSD	.1386710	.2409040	.7836622	.3821357	.1517619
#1	2546.196	31159.86	3010.839	2130.227	2925.188
#2	2544.770	31212.47	2965.665	2130.506	2916.420
#3	2539.500	31308.23	2999.148	2144.496	2921.946

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-20 Acquired: 12/16/2024 3:40:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269332	.0257335	.1049494	-.046095	.0055116	46.59623	.4070136
Stddev	.0083812	.0014580	.0035421	.001412	.0047116	.04710	.0006549
%RSD	31.11860	5.665821	3.375013	3.064044	85.48414	.1010718	.1609011
#1	.0305508	.0248683	.1014690	-.045599	.0029105	46.54380	.4077683
#2	.0173507	.0249153	.1048290	-.044997	.0026740	46.60994	.4066774
#3	.0328980	.0274168	.1085501	-.047688	.0109503	46.63495	.4065951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037719	.0020283	431.8354	.0804505	.1026775	.1313202	111.5904
Stddev	.0000816	.0000770	.2330	.0009268	.0007654	.0064525	.3247
%RSD	2.164349	3.795235	.0539632	1.152067	.7454919	4.913593	.2910141
#1	.0036807	.0021086	431.9304	.0811194	.1029863	.1372512	111.3493
#2	.0038381	.0020211	431.5698	.0793926	.1018059	.1322601	111.9597
#3	.0037970	.0019551	432.0058	.0808397	.1032404	.1244492	111.4623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.207109	82.75692	.1380045	-.010015	-1.12983	.1161791	.2378323
Stddev	.019284	.36050	.0008712	.000237	.84705	.0070894	.0078403
%RSD	.4583745	.4356133	.6312996	2.366893	74.97084	6.102164	3.296578
#1	4.187394	82.38415	.1379501	-.010273	-.64958	.1090490	.2363122
#2	4.225932	83.10375	.1371617	-.009807	-.63206	.1232272	.2308634
#3	4.208002	82.78285	.1389016	-.009965	-2.10786	.1162609	.2463214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.373712	5.262961	-.016362	-.002565	.6748325	5.717701	.0138735
Stddev	.139631	.022399	.000841	.000306	.0091025	.023356	.0026547
%RSD	2.598402	.4255975	5.142026	11.91772	1.348852	.4084870	19.13532
#1	5.293926	5.267979	-.016149	-.002299	.6678276	5.691330	.0113123
#2	5.292269	5.238478	-.015647	-.002498	.6715487	5.735778	.0166128
#3	5.534940	5.282425	-.017289	-.002899	.6851213	5.725996	.0136954

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-20 Acquired: 12/16/2024 3:40:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8865804	.4598073	.1407423
Stddev	.0020701	.0012195	.0044601
%RSD	.2334959	.2652269	3.168979
#1	.8862370	.4588552	.1419794
#2	.8888008	.4611819	.1357943
#3	.8847034	.4593847	.1444533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.411	30744.02	2937.674	2100.468	2910.023
Stddev	7.942	95.52	11.226	11.817	13.128
%RSD	.3192725	.3107084	.3821412	.5626056	.4511141
#1	2493.552	30692.84	2943.851	2099.631	2911.616
#2	2490.238	30685.00	2924.716	2089.092	2922.281
#3	2478.443	30854.23	2944.455	2112.682	2896.172

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-21 Acquired: 12/16/2024 3:43:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248337	.0275624	.0988636	-.042704	.0109546	50.47525	.4467877
Stddev	.0005672	.0055606	.0012365	.005272	.0013971	.42752	.0044362
%RSD	2.283984	20.17463	1.250732	12.34509	12.75368	.8469800	.9929138
#1	.0253309	.0334882	.0984020	-.039226	.0125342	50.69139	.4493760
#2	.0249543	.0224584	.1002645	-.040115	.0104484	50.75153	.4493218
#3	.0242159	.0267405	.0979243	-.048769	.0098811	49.98282	.4416653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040077	.0024726	459.1268	.0824420	.1077976	.0895759	128.2961
Stddev	.0001861	.0001637	3.3559	.0003198	.0005341	.0059282	1.2827
%RSD	4.643480	6.620293	.7309307	.3879624	.4955042	6.618042	.9997642
#1	.0038522	.0022863	461.0438	.0822996	.1074744	.0929938	128.9914
#2	.0039570	.0025384	461.0848	.0822180	.1075043	.0827307	129.0810
#3	.0042139	.0025933	455.2518	.0828083	.1084142	.0930034	126.8159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.213022	85.94618	.1460671	-.011085	-.874002	.1317901	.1950241
Stddev	.059297	.89469	.0009139	.000331	.136181	.0052645	.0027607
%RSD	.9543970	1.040985	.6256593	2.987306	15.58126	3.994635	1.415567
#1	6.247194	86.46977	.1451071	-.010977	-1.02001	.1375623	.1981798
#2	6.247319	86.45566	.1461676	-.010821	-.75044	.1272527	.1930558
#3	6.144551	84.91312	.1469265	-.011456	-.85156	.1305554	.1938368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.984936	6.365888	-.019024	-.002885	.6026914	6.479707	.0164379
Stddev	.167691	.017327	.003243	.000597	.0039126	.071103	.0025133
%RSD	2.400752	.2721785	17.04877	20.68113	.6491900	1.097323	15.28976
#1	7.032744	6.351973	-.021941	-.003445	.5985976	6.561637	.0191383
#2	7.123533	6.360395	-.019599	-.002258	.6063933	6.443348	.0141670
#3	6.798533	6.385295	-.015531	-.002952	.6030832	6.434135	.0160084

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-21 Acquired: 12/16/2024 3:43:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.081844	.4807434	.1469831
Stddev	.008362	.0048952	.0063438
%RSD	.7729236	1.018255	4.316044
#1	1.087525	.4848209	.1514126
#2	1.085765	.4820949	.1498209
#3	1.072242	.4753145	.1397157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.650	30940.86	2980.939	2105.637	2854.034
Stddev	7.343	21.91	11.989	4.768	8.251
%RSD	.2935442	.0708124	.4022053	.2264298	.2890931
#1	2506.277	30956.05	2967.353	2107.848	2860.500
#2	2505.490	30950.79	2985.429	2100.165	2856.861
#3	2493.182	30915.74	2990.036	2108.897	2844.742

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-22 Acquired: 12/16/2024 3:47:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309436	.0163940	.1246981	-.032417	.0129738	53.88900	.4775881
Stddev	.0069723	.0020978	.0035330	.003258	.0027466	.31785	.0027970
%RSD	22.53237	12.79591	2.833210	10.05121	21.17062	.5898284	.5856499
#1	.0289863	.0148351	.1271660	-.030010	.0149950	54.15410	.4799137
#2	.0251591	.0155679	.1262774	-.031116	.0098466	53.97627	.4783661
#3	.0386854	.0187791	.1206510	-.036124	.0140798	53.53663	.4744845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046227	.0020902	221.0285	.0877163	.1020479	.1233088	135.3665
Stddev	.0001401	.0001022	1.2384	.0006930	.0009720	.0085858	.8955
%RSD	3.031199	4.890174	.5602882	.7901067	.9524681	6.962834	.6615719
#1	.0044743	.0020152	222.1526	.0883070	.1010637	.1332115	136.0628
#2	.0047527	.0022066	221.2320	.0878884	.1020727	.1179480	135.6805
#3	.0046413	.0020487	219.7010	.0869534	.1030072	.1187668	134.3563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.368266	68.92070	.1492884	-.011912	-.152104	.1363397	.2445050
Stddev	.018066	.51631	.0010649	.000583	.109977	.0030293	.0058486
%RSD	.5363531	.7491392	.7132814	4.895331	72.30423	2.221893	2.392027
#1	3.377700	69.27933	.1484547	-.011421	-.030415	.1328854	.2437694
#2	3.379663	69.15383	.1489227	-.012557	-.244394	.1385438	.2390589
#3	3.347437	68.32893	.1504880	-.011758	-.181502	.1375900	.2506866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.961850	5.877181	-.033798	-.001723	.7024415	6.249825	.0160553
Stddev	.132101	.025082	.003645	.000465	.0028471	.044002	.0009439
%RSD	3.334314	.4267661	10.78407	26.96332	.4053125	.7040479	5.878864
#1	3.830471	5.865780	-.030238	-.001656	.7013678	6.238605	.0164974
#2	3.960421	5.859824	-.037522	-.001295	.7056693	6.298351	.0149716
#3	4.094660	5.905938	-.033635	-.002217	.7002874	6.212520	.0166971

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5028-22 Acquired: 12/16/2024 3:47:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9559920	.1309453	.1415959
Stddev	.0066240	.0009473	.0024213
%RSD	.6928908	.7234129	1.710000
#1	.9552827	.1318906	.1436914
#2	.9629421	.1309495	.1421510
#3	.9497512	.1299960	.1389452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.600	31530.98	2966.394	2151.617	3009.159
Stddev	1.828	201.91	13.324	12.347	2.311
%RSD	.0712387	.6403538	.4491570	.5738397	.0767827
#1	2568.441	31311.49	2971.281	2138.591	3007.404
#2	2564.784	31708.81	2951.316	2163.149	3011.777
#3	2566.576	31572.65	2976.583	2153.111	3008.297

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-01 Acquired: 12/16/2024 3:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188367	.0229468	1.427445	.0082117	.0264666	63.80558	.8286816
Stddev	.0017024	.0030915	.021611	.0048065	.0024863	.19156	.0011841
%RSD	1.432530	13.47230	1.513953	58.53211	9.393956	.3002234	.1428904
#1	.1171768	.0245995	1.452398	.0114560	.0292426	63.78588	.8290813
#2	.1205786	.0248607	1.415169	.0104893	.0257127	63.62463	.8273494
#3	.1187547	.0193803	1.414769	.0026898	.0244446	64.00623	.8296141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059259	.0064504	41.54421	.0931478	.1354095	.2459212	155.0815
Stddev	.0000245	.0001716	.10482	.0007821	.0025998	.0046637	.4553
%RSD	.4127217	2.660304	.2523065	.8396250	1.919964	1.896427	.2936117
#1	.0059261	.0066465	41.56619	.0937381	.1384109	.2462125	154.9284
#2	.0059014	.0063278	41.43015	.0934445	.1338568	.2411187	154.7224
#3	.0059503	.0063770	41.63630	.0922608	.1339608	.2504325	155.5936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.07266	20.86666	.1371660	-.008358	6.263444	.1454404	.5724261
Stddev	.04759	.06091	.0028565	.000512	.665597	.0078412	.0125289
%RSD	.2787461	.2919194	2.082504	6.128142	10.62669	5.391380	2.188743
#1	17.02820	20.81488	.1404232	-.007832	5.908867	.1399996	.5860287
#2	17.06692	20.93378	.1350878	-.008855	7.031262	.1544285	.5698911
#3	17.12286	20.85133	.1359869	-.008387	5.850202	.1418933	.5613585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.030897	4.277709	-.054026	.0068735	3.192043	6.594645	.0455610
Stddev	.093944	.068383	.002547	.0004205	.055773	.031489	.0012205
%RSD	2.330607	1.598588	4.713949	6.116909	1.747248	.4774928	2.678771
#1	4.057051	4.356465	-.051848	.0073216	3.253252	6.581862	.0456563
#2	4.108992	4.233402	-.053403	.0064877	3.144099	6.571559	.0442956
#3	3.926646	4.243260	-.056826	.0068113	3.178777	6.630516	.0467309

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-01 Acquired: 12/16/2024 3:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.397435	.1366960	.0775338
Stddev	.005674	.0006138	.0061285
%RSD	.4060309	.4490360	7.904313
#1	1.398973	.1370996	.0824502
#2	1.391150	.1359896	.0794837
#3	1.402181	.1369988	.0706676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.526	32291.63	2989.493	2198.666	3086.616
Stddev	32.270	152.58	9.248	11.719	53.155
%RSD	1.242321	.4725031	.3093389	.5330168	1.722105
#1	2560.472	32154.03	2978.841	2185.838	3025.568
#2	2612.655	32265.14	2994.182	2201.346	3111.634
#3	2619.452	32455.72	2995.458	2208.812	3122.645

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-02 Acquired: 12/16/2024 3:55:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1339546**	**.0125370**	**.8019176**	**.0154747**	**.0373310**	**75.82872**	**.6829139**
Stddev	.0052958	.0030962	.0058262	.0007621	.0028479	.22481	.0007883
%RSD	3.953427	24.69679	.7265295	4.924701	7.628778	.2964718	.1154329
#1	.1368652	.0093584	.7980652	.0146041	.0362330	75.59225	.6820057
#2	.1371568	.0155437	.8086201	.0157991	.0405645	75.85422	.6834212
#3	.1278419	.0127089	.7990674	.0160209	.0351955	76.03970	.6833147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065620**	**.0053673**	**25.87885**	**.1029440**	**.1424757**	**.2327705**	**199.1999**
Stddev	.0001270	.0001041	.11585	.0007692	.0007821	.0060031	.6836
%RSD	1.934616	1.940132	.4476518	.7471604	.5489365	2.578996	.3431673
#1	.0066940	.0054449	25.74528	.1021047	.1416473	.2349854	198.4313
#2	.0065513	.0054080	25.93938	.1036153	.1432014	.2259746	199.4284
#3	.0064408	.0052489	25.95190	.1031119	.1425784	.2373515	199.7399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.27215**	**18.97654**	**.1544237**	**-.012843**	**6.908788**	**.1629317**	**.5519174**
Stddev	.04561	.04634	.0026655	.000527	.693061	.0029908	.0086005
%RSD	.2802759	.2441981	1.726106	4.105259	10.03159	1.835610	1.558290
#1	16.21957	18.94733	.1536154	-.012991	7.619817	.1653569	.5450275
#2	16.30097	19.02997	.1573998	-.013280	6.235213	.1638484	.5491684
#3	16.29591	18.95231	.1522558	-.012257	6.871334	.1595899	.5615563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.349517**	**2.960638**	**-.074234**	**.0050409**	**2.716830**	**7.507454**	**.0363798**
Stddev	.126456	.016414	.002841	.0002877	.018755	.024323	.0007072
%RSD	2.907355	.5544191	3.826582	5.706991	.6903373	.3239828	1.943969
#1	4.208199	2.952243	-.072036	.0048828	2.700959	7.507032	.0368382
#2	4.452005	2.979552	-.073224	.0048669	2.737526	7.531985	.0355654
#3	4.388345	2.950119	-.077442	.0053729	2.712004	7.483344	.0367360

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-02 Acquired: 12/16/2024 3:55:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.102371	-.066817	.0956922
Stddev	.002538	.000214	.0067492
%RSD	.2302087	.3198492	7.053080
#1	1.100579	-.066619	.0933394
#2	1.105275	-.066789	.0904342
#3	1.101258	-.067043	.1033029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.967	33123.13	3048.314	2258.915	3091.974
Stddev	23.757	130.37	5.115	6.063	29.664
%RSD	.8901222	.3935812	.1678039	.2684118	.9593998
#1	2691.143	33273.57	3053.969	2265.771	3116.459
#2	2643.895	33043.21	3046.965	2254.259	3058.987
#3	2671.862	33052.62	3044.009	2256.716	3100.477

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-03 Acquired: 12/16/2024 3:59:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1887654**	**.0272317**	**1.203083**	**.0172627**	**.0433278**	**63.03595**	**.7266093**
Stddev	.0027803	.0003850	.010560	.0040409	.0006575	.04142	.0027772
%RSD	1.472873	1.413642	.8777586	23.40842	1.517491	.0657059	.3822157
#1	.1893918	.0275213	1.196508	.0160886	.0438748	62.99045	.7234138
#2	.1857254	.0273791	1.215264	.0139388	.0425984	63.07146	.7284406
#3	.1911790	.0267949	1.197477	.0217606	.0435103	63.04593	.7279735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079849**	**.0104472**	**30.41243**	**.0974341**	**.1776679**	**.2946728**	**238.8338**
Stddev	.0001045	.0000932	.05573	.0003681	.0014968	.0013809	.4073
%RSD	1.308300	.8918549	.1832524	.3777697	.8424730	.4686045	.1705405
#1	.0078654	.0104916	30.35531	.0976657	.1763013	.2930785	238.7257
#2	.0080307	.0105099	30.46666	.0976270	.1792676	.2954858	239.2842
#3	.0080586	.0103401	30.41531	.0970097	.1774349	.2954542	238.4914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.18543**	**18.55146**	**.2050865**	**-.017680**	**6.781146**	**.1425593**	**1.963379**
Stddev	.02646	.06715	.0031267	.000395	.199851	.0045431	.015125
%RSD	.1311076	.3619552	1.524577	2.231705	2.947161	3.186793	.7703701
#1	20.15487	18.62898	.2031639	-.018026	6.909458	.1373707	1.959823
#2	20.20079	18.51419	.2086943	-.017765	6.550880	.1458233	1.979965
#3	20.20062	18.51121	.2034014	-.017250	6.883099	.1444839	1.950348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.409813**	**5.049037**	**-.084291**	**.0030410**	**3.426111**	**5.443353**	**.0346634**
Stddev	.114976	.038537	.001841	.0003980	.027813	.014031	.0002156
%RSD	2.607272	.7632568	2.184549	13.08621	.8118075	.2577702	.6219083
#1	4.408306	5.018381	-.082821	.0029368	3.403576	5.428443	.0346196
#2	4.295597	5.092298	-.083695	.0034807	3.457196	5.456298	.0348975
#3	4.525534	5.036433	-.086356	.0027056	3.417562	5.445319	.0344731

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-03 Acquired: 12/16/2024 3:59:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7017952	-.125918	.0862491
Stddev	.0064145	.000607	.0012778
%RSD	.9140121	.4817575	1.481524
#1	.7064416	-.126092	.0848468
#2	.7044675	-.126419	.0873476
#3	.6944767	-.125244	.0865530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.305	39556.20	3651.157	2691.528	3051.673
Stddev	3.404	155.96	2.432	4.211	9.067
%RSD	.1064439	.3942721	.0666164	.1564542	.2971226
#1	3196.972	39383.69	3648.411	2686.983	3059.845
#2	3195.770	39687.21	3652.019	2695.297	3041.918
#3	3202.175	39597.69	3653.041	2692.305	3053.255

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-04 Acquired: 12/16/2024 4:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0645795**	**.0179147**	**2.027331**	**-.026374**	**.0191608**	**63.09917**	**1.132790**
Stddev	.0019426	.0024815	.011847	.005871	.0024540	.05503	.000958
%RSD	3.008027	13.85159	.5843656	22.26160	12.80727	.0872190	.0846111
#1	.0623371	.0153884	2.027564	-.019625	.0192374	63.13438	1.133881
#2	.0657497	.0203487	2.015370	-.029187	.0215756	63.03576	1.132407
#3	.0656516	.0180070	2.039061	-.030308	.0166694	63.12739	1.132082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055735**	**.0081115**	**161.6016**	**.1175420**	**.1051291**	**.1939544**	**139.9159**
Stddev	.0001156	.0000190	.4060	.0005999	.0004875	.0061717	.1560
%RSD	2.074234	.2346366	.2512046	.5103383	.4637152	3.182028	.1115052
#1	.0055823	.0081032	161.4902	.1173603	.1055815	.1897079	139.7887
#2	.0056844	.0081333	161.2629	.1170540	.1046128	.2010340	140.0900
#3	.0054537	.0080980	162.0516	.1182117	.1051929	.1911214	139.8690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.393989**	**68.55970**	**.1487804**	**-.011018**	**-.490326**	**.1467322**	**1.063442**
Stddev	.004076	.04672	.0007489	.000790	.090684	.0017901	.002936
%RSD	.0755667	.0681380	.5033488	7.168646	18.49473	1.219981	.2760712
#1	5.391089	68.58732	.1492705	-.011363	-.595038	.1484930	1.060262
#2	5.398649	68.58602	.1479184	-.010114	-.438423	.1467896	1.064013
#3	5.392228	68.50576	.1491524	-.011577	-.437517	.1449141	1.066050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.772644**	**6.053667**	**-.032559**	**-.000160**	**3.915788**	**7.528957**	**.0503915**
Stddev	.103508	.022567	.001380	.000282	.016310	.025134	.0021670
%RSD	1.793069	.3727789	4.239987	176.7582	.4165099	.3338339	4.300377
#1	5.655181	6.059492	-.033439	.000071	3.909761	7.530861	.0522947
#2	5.812253	6.028759	-.030968	-.000474	3.903351	7.502926	.0508468
#3	5.850498	6.072751	-.033270	-.000076	3.934254	7.553086	.0480330

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-04 Acquired: 12/16/2024 4:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9481676	.1064417	.1127304
Stddev	.0043537	.0002196	.0022868
%RSD	.4591735	.2062623	2.028594
#1	.9519666	.1062036	.1104859
#2	.9491195	.1066361	.1126479
#3	.9434166	.1064855	.1150574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.308	30804.27	2893.585	2093.188	2993.226
Stddev	2.117	133.49	23.736	13.923	6.151
%RSD	.0850302	.4333418	.8203009	.6651792	.2054832
#1	2489.946	30759.56	2899.378	2091.422	2995.227
#2	2491.032	30954.38	2913.889	2107.910	2998.127
#3	2486.946	30698.88	2867.489	2080.232	2986.324

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-05 Acquired: 12/16/2024 4:07:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0886287**	**.0164317**	**3.771074**	**-.017906**	**.0223550**	**65.28868**	**1.799767**
Stddev	.0021776	.0021349	.015940	.006213	.0017677	.22297	.005823
%RSD	2.456992	12.99261	.4227027	34.69980	7.907308	.3415108	.3235242
#1	.0910557	.0159899	3.770934	-.017365	.0243961	65.51438	1.798750
#2	.0879846	.0187530	3.755203	-.011981	.0213351	65.06855	1.794521
#3	.0868458	.0145523	3.787083	-.024372	.0213337	65.28311	1.806032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061357**	**.0166091**	**133.1576**	**.1339390**	**.1242532**	**.2843370**	**151.8027**
Stddev	.0001513	.0000685	.3802	.0003611	.0003043	.0005037	.5042
%RSD	2.466006	.4126657	.2855525	.2696138	.2448866	.1771454	.3321188
#1	.0061961	.0166549	133.3860	.1343117	.1241877	.2839910	152.0514
#2	.0059636	.0166421	132.7186	.1339148	.1239871	.2849149	151.2225
#3	.0062475	.0165303	133.3681	.1335907	.1245850	.2841052	152.1341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.435430**	**56.08203**	**.1781124**	**-.011465**	**-.173371**	**.1553625**	**1.930031**
Stddev	.017427	.05640	.0001839	.000417	.194457	.0089330	.033666
%RSD	.2708044	.1005613	.1032617	3.633832	112.1623	5.749792	1.744343
#1	6.436510	56.12514	.1782329	-.011193	-.385597	.1541071	1.892633
#2	6.417488	56.01820	.1782035	-.011944	-.130770	.1648568	1.939540
#3	6.452293	56.10274	.1779006	-.011257	-.003746	.1471236	1.957921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.557715**	**8.320255**	**-.029713**	**.0000186**	**3.110971**	**8.909736**	**.0692409**
Stddev	.044947	.017914	.000427	.0007316	.007365	.140028	.0004958
%RSD	.8087235	.2153061	1.437526	3927.940	.2367377	1.571633	.7160807
#1	5.512992	8.314775	-.029485	.0008628	3.113954	9.066492	.0697114
#2	5.602882	8.305722	-.029449	-.000375	3.102583	8.797029	.0692880
#3	5.557271	8.340269	-.030206	-.000432	3.116376	8.865685	.0687232

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-05 Acquired: 12/16/2024 4:07:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.051161	.0855376	.1232073
Stddev	.005844	.0005912	.0046738
%RSD	.5559517	.6911348	3.793473
#1	1.047065	.0862150	.1267710
#2	1.048565	.0851257	.1179155
#3	1.057853	.0852721	.1249354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.300	31534.94	2954.060	2145.988	3022.255
Stddev	8.020	96.97	36.598	2.975	5.337
%RSD	.3123897	.3074860	1.238889	.1386329	.1765738
#1	2560.085	31595.74	2912.732	2149.421	3017.072
#2	2565.880	31423.12	2982.365	2144.168	3021.961
#3	2575.935	31585.97	2967.082	2144.373	3027.733

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-06 Acquired: 12/16/2024 4:11:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1232286	.0318928	4.383984	-.036669	.0152972	53.04460	2.204463
Stddev	.0014655	.0030835	.009100	.002118	.0002456	.26605	.011006
%RSD	1.189275	9.668182	.2075694	5.777317	1.605619	.5015645	.4992694
#1	.1216375	.0352873	4.391145	-.037482	.0155780	52.77700	2.193108
#2	.1245232	.0311258	4.373744	-.034264	.0151914	53.30908	2.215083
#3	.1235252	.0292652	4.387062	-.038260	.0151223	53.04772	2.205198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049486	.0139653	397.6494	.1118662	.1258052	.3079774	129.6974
Stddev	.0000734	.0000710	.7693	.0003462	.0008287	.0044246	.9140
%RSD	1.482674	.5080208	.1934497	.3095017	.6586834	1.436646	.7046855
#1	.0048764	.0140356	397.0436	.1120690	.1265082	.3120270	128.7604
#2	.0049463	.0138937	398.5149	.1114664	.1248916	.3086501	130.5864
#3	.0050231	.0139665	397.3898	.1120632	.1260160	.3032550	129.7455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38782	38.59752	.1438348	-.007263	.4870405	.1330359	1.654045
Stddev	.04101	.32020	.0004058	.001262	.3730353	.0063137	.030160
%RSD	.3947557	.8295982	.2820951	17.37452	76.59225	4.745868	1.823397
#1	10.36288	38.41092	.1437295	-.008407	.6604122	.1403192	1.657159
#2	10.43514	38.96725	.1434921	-.005910	.7418397	.1291141	1.622450
#3	10.36543	38.41439	.1442828	-.007471	.0588697	.1296745	1.682528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.617158	9.833343	-.015722	-.000209	2.644295	8.022366	.1768123
Stddev	.052073	.023668	.003795	.000291	.008420	.125075	.0015822
%RSD	1.127815	.2406925	24.13702	138.9978	.3184231	1.559078	.8948326
#1	4.560375	9.859572	-.018569	-.000537	2.651087	8.056772	.1776020
#2	4.628422	9.813580	-.017183	.000017	2.634874	8.126638	.1749908
#3	4.662677	9.826876	-.011414	-.000107	2.646923	7.883689	.1778443

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-06 Acquired: 12/16/2024 4:11:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9265907	.4900169	.1308993
Stddev	.0039153	.0017808	.0047190
%RSD	.4225525	.3634062	3.605101
#1	.9285304	.4888210	.1324538
#2	.9291576	.4920634	.1346450
#3	.9220842	.4891662	.1255991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.413	31058.44	2983.151	2117.566	2860.921
Stddev	7.723	151.23	34.187	11.410	10.158
%RSD	.3073805	.4869147	1.145991	.5388312	.3550583
#1	2514.724	31166.66	2979.446	2121.806	2864.506
#2	2518.716	31123.03	2950.967	2126.249	2868.802
#3	2503.798	30885.65	3019.039	2104.643	2849.457

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-07 Acquired: 12/16/2024 4:15:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234626	.0327204	4.377499	-.036014	.0173850	53.00626	2.203081
Stddev	.0050581	.0012056	.009408	.006734	.0025129	.28419	.014852
%RSD	4.096852	3.684538	.2149093	18.69952	14.45439	.5361459	.6741442
#1	.1222899	.0319517	4.366771	-.042967	.0148249	52.68954	2.187884
#2	.1290040	.0320995	4.384340	-.029522	.0198479	53.09025	2.203795
#3	.1190939	.0341098	4.381385	-.035552	.0174820	53.23898	2.217562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049058	.0140529	396.6571	.1119692	.1254635	.3069818	128.9831
Stddev	.0001013	.0001124	1.2619	.0009934	.0007604	.0009596	.7877
%RSD	2.065169	.7999356	.3181281	.8871837	.6060410	.3126060	.6107335
#1	.0050226	.0140644	395.2010	.1118571	.1249799	.3063790	128.1285
#2	.0048544	.0139351	397.4327	.1110367	.1250707	.3064780	129.1405
#3	.0048405	.0141590	397.3375	.1130139	.1263399	.3080885	129.6802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37202	38.41353	.1433600	-.008241	-.080142	.1332892	1.658626
Stddev	.05810	.26917	.0012599	.000968	.431561	.0053649	.017753
%RSD	.5601633	.7007187	.8788645	11.74356	538.4980	4.024986	1.070335
#1	10.31367	38.11684	.1443142	-.007168	.414970	.1327499	1.640259
#2	10.37252	38.48167	.1438340	-.009048	-.278773	.1282144	1.675693
#3	10.42986	38.64208	.1419318	-.008506	-.376622	.1389034	1.659926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.510755	9.823918	-.017521	-.000655	2.610936	7.981219	.1747470
Stddev	.049787	.024163	.002547	.000408	.016443	.039917	.0021795
%RSD	1.103745	.2459583	14.53881	62.31090	.6297822	.5001404	1.247233
#1	4.537959	9.845005	-.017379	-.000267	2.611694	7.992650	.1744275
#2	4.541013	9.797552	-.015047	-.001080	2.594127	7.936833	.1770686
#3	4.453293	9.829196	-.020136	-.000616	2.626987	8.014173	.1727449

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-07 Acquired: 12/16/2024 4:15:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9238546	.4877649	.1280871
Stddev	.0067963	.0024013	.0028650
%RSD	.7356520	.4923042	2.236773
#1	.9166397	.4855133	.1309902
#2	.9247884	.4874892	.1280092
#3	.9301358	.4902921	.1252618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.929	30953.44	2989.512	2107.944	2866.753
Stddev	14.337	278.67	25.656	18.455	12.912
%RSD	.5696119	.9002813	.8582063	.8755201	.4504189
#1	2533.257	31252.20	3019.059	2127.267	2881.592
#2	2511.125	30700.55	2976.606	2090.500	2860.592
#3	2506.403	30907.56	2972.871	2106.064	2858.075

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-06LX5 Acquired: 12/16/2024 4:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208749	.0188755	.9005169	-.030849	-.006567	11.74885	.4912544
Stddev	.0043699	.0024868	.0052915	.002384	.000808	.14157	.0065361
%RSD	20.93386	13.17456	.5876031	7.728620	12.29790	1.204977	1.330494
#1	.0210104	.0183076	.8946712	-.029292	-.005899	11.85042	.4947905
#2	.0164388	.0167218	.9049795	-.029662	-.007464	11.58714	.4837121
#3	.0251755	.0215971	.9018998	-.033594	-.006338	11.80901	.4952608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011810	.0027721	89.03449	.0262030	.0444380	.0563548	29.28750
Stddev	.0001823	.0000860	1.07046	.0007624	.0007850	.0045189	.47839
%RSD	15.43504	3.103745	1.202296	2.909619	1.766604	8.018643	1.633439
#1	.0009877	.0028705	89.72249	.0255945	.0435319	.0592222	29.40962
#2	.0013498	.0027107	87.80118	.0270582	.0449142	.0511457	28.75989
#3	.0012057	.0027352	89.57980	.0259563	.0448679	.0586964	29.69300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357922	8.765055	.0282758	-.002073	-.193172	.0209662	.3688500
Stddev	.033343	.107623	.0007259	.001255	.682025	.0057573	.0060496
%RSD	1.414081	1.227862	2.567028	60.50574	353.0652	27.45973	1.640135
#1	2.377574	8.868007	.0277458	-.003331	.580797	.0217255	.3746851
#2	2.319423	8.653302	.0291031	-.002068	-.454117	.0148670	.3692582
#3	2.376768	8.773858	.0279785	-.000822	-.706198	.0263062	.3626065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.249860	1.936291	-.009197	-.002114	.5145835	1.863385	.0349873
Stddev	.131625	.004107	.002497	.000371	.0060879	.031487	.0018307
%RSD	52.67943	.2120939	27.15213	17.55588	1.183065	1.689798	5.232525
#1	-.223345	1.932810	-.011825	-.002538	.5087197	1.899680	.0334805
#2	-.392723	1.935244	-.006855	-.001959	.5208731	1.843379	.0370247
#3	-.133511	1.940820	-.008909	-.001847	.5141576	1.847095	.0344566

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-06LX5 Acquired: 12/16/2024 4:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2057756	.1086415	.0521015
Stddev	.0047195	.0013172	.0010044
%RSD	2.293511	1.212404	1.927705
#1	.2050603	.1091402	.0522645
#2	.2014546	.1071478	.0510256
#3	.2108119	.1096365	.0530144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.869	29262.29	2730.356	2005.104	3093.697
Stddev	3.795	123.23	34.812	7.861	7.895
%RSD	.1601407	.4211075	1.275014	.3920437	.2551843
#1	2371.751	29368.73	2694.510	2012.125	3101.863
#2	2372.354	29290.84	2764.033	2006.576	3093.122
#3	2365.500	29127.29	2732.524	1996.612	3086.105

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-08 Acquired: 12/16/2024 4:23:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2045277**	**.1274580**	**4.324031**	**.1261547**	**.1734294**	**55.32379**	**5.824049**
Stddev	.0061525	.0007516	.018923	.0044735	.0012647	.07853	.004429
%RSD	3.008152	.5897108	.4376256	3.546008	.7292228	.1419501	.0760386
#1	.2026122	.1266436	4.303186	.1278920	.1738844	55.23328	5.819187
#2	.1995607	.1281250	4.328780	.1210732	.1720002	55.36427	5.827852
#3	.2114101	.1276054	4.340128	.1294990	.1744037	55.37383	5.825107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0946073**	**.1109443**	**386.9360**	**.5014429**	**1.248822**	**.7413259**	**128.3170**
Stddev	.0007899	.0003061	.2512	.0022534	.003477	.0039842	.3335
%RSD	.8349778	.2759035	.0649181	.4493897	.2784071	.5374455	.2598725
#1	.0944598	.1105957	387.2097	.4989012	1.245314	.7432184	128.0323
#2	.0939015	.1110682	386.7160	.5031963	1.248886	.7440111	128.6839
#3	.0954606	.1111691	386.8822	.5022312	1.252266	.7367482	128.2349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.04278**	**37.57664**	**1.181680**	**.0651612**	**-.079727**	**1.057484**	**2.379096**
Stddev	.01734	.09794	.001518	.0007952	.552105	.005820	.024513
%RSD	.1570393	.2606355	.1284916	1.220386	692.4941	.5503975	1.030335
#1	11.03231	37.62939	1.179967	.0645833	-.569664	1.050802	2.398899
#2	11.03322	37.46364	1.182861	.0660681	-.188017	1.061453	2.386709
#3	11.06279	37.63690	1.182212	.0648323	.518499	1.060196	2.351680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.443109**	**9.595582**	**-.022580**	**-.000461**	**2.560354**	**7.970423**	**.1696925**
Stddev	.089021	.019476	.003113	.000355	.009146	.025433	.0019462
%RSD	2.003585	.2029643	13.78507	77.12335	.3572120	.3190890	1.146869
#1	4.495691	9.574487	-.025194	-.000834	2.563525	7.999785	.1697010
#2	4.340325	9.599382	-.023409	-.000127	2.567493	7.956258	.1677420
#3	4.493310	9.612878	-.019137	-.000421	2.550045	7.955228	.1716343

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-08 Acquired: 12/16/2024 4:23:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9068133	.4781271	.1234748
Stddev	.0016736	.0010213	.0046091
%RSD	.1845589	.2136048	3.732783
#1	.9075865	.4791540	.1183564
#2	.9079605	.4771115	.1272969
#3	.9048929	.4781156	.1247711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.822	31388.35	2994.685	2142.065	2907.573
Stddev	6.350	168.17	3.417	12.295	5.875
%RSD	.2501216	.5357705	.1141084	.5739604	.2020519
#1	2531.599	31446.96	2993.026	2134.690	2900.829
#2	2541.340	31198.72	2992.414	2135.246	2910.310
#3	2543.527	31519.37	2998.615	2156.258	2911.580

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-09 Acquired: 12/16/2024 4:27:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1256188**	**.0266523**	**1.742838**	**-.010909**	**.0244549**	**61.57740**	**1.370435**
Stddev	.0025535	.0052250	.002699	.000698	.0030855	.35251	.008114
%RSD	2.032719	19.60439	.1548762	6.400365	12.61694	.5724650	.5920431
#1	.1229387	.0288801	1.740713	-.010618	.0227729	61.30943	1.364195
#2	.1280232	.0206826	1.741926	-.011705	.0225759	61.97673	1.379607
#3	.1258946	.0303941	1.745875	-.010403	.0280158	61.44605	1.367503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055851**	**.0054751**	**86.89872**	**.0906312**	**.1438656**	**.2382225**	**154.8190**
Stddev	.0001535	.0000769	.56834	.0012760	.0004563	.0098169	1.3899
%RSD	2.748124	1.404739	.6540293	1.407899	.3171990	4.120893	.8977434
#1	.0056757	.0054248	86.66177	.0921038	.1438378	.2270454	154.0284
#2	.0054078	.0054370	87.54720	.0898533	.1434238	.2454467	156.4238
#3	.0056717	.0055637	86.48719	.0899366	.1443352	.2421753	154.0048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.89147**	**21.47055**	**.1269486**	**-.008122**	**-.192436**	**.1379335**	**.7104758**
Stddev	.11113	.20897	.0006740	.000304	.447278	.0050742	.0078537
%RSD	.6992877	.9732779	.5309455	3.742612	232.4295	3.678717	1.105414
#1	15.81833	21.31264	.1268464	-.008457	.065885	.1437510	.7014234
#2	16.01935	21.70751	.1263315	-.007864	.065715	.1356288	.7145313
#3	15.83674	21.39150	.1276679	-.008045	-.708908	.1344206	.7154726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.222502**	**7.163857**	**-.050511**	**.0014130**	**1.111789**	**7.755003**	**.1324901**
Stddev	.178174	.008812	.003984	.0000654	.004342	.012748	.0009596
%RSD	4.219623	.1230059	7.886439	4.624959	.3905618	.1643897	.7242690
#1	4.022805	7.158095	-.053652	.0013598	1.111310	7.768351	.1316367
#2	4.279491	7.159475	-.046031	.0014860	1.107706	7.753705	.1323047
#3	4.365209	7.174001	-.051851	.0013934	1.116351	7.742953	.1335288

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-09 Acquired: 12/16/2024 4:27:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8218774	.0869193	.0934464
Stddev	.0044060	.0006046	.0032430
%RSD	.5360950	.6956473	3.470423
#1	.8184317	.0870402	.0929450
#2	.8268420	.0874543	.0904834
#3	.8203587	.0862633	.0969109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.161	31789.33	2967.701	2169.391	3073.515
Stddev	8.239	65.54	6.342	5.227	10.889
%RSD	.3191953	.2061728	.2136862	.2409217	.3542879
#1	2580.520	31800.53	2964.304	2175.144	3066.056
#2	2589.702	31718.91	2963.782	2164.936	3086.010
#3	2573.262	31848.54	2975.017	2168.093	3068.479

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV036 Acquired: 12/16/2024 4:31:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.681104**	**4.601971**	**23.14568**	**4.622364**	**4.525384**	**364.6959**
Stddev	.025564	.071218	.33532	.074023	.080670	.7047
%RSD	.5461154	1.547558	1.448757	1.601408	1.782609	.1932336
#1	4.672576	4.657322	23.44727	4.668977	4.584765	364.0984
#2	4.709842	4.626967	23.20518	4.661105	4.557848	365.4730
#3	4.660894	4.521625	22.78459	4.537011	4.433540	364.5162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.665233**	**.4680634**	**2.327075**	**380.3446**	**15.15398**	**2.662973**
Stddev	.020608	.0039230	.034295	.7757	.03908	.040310
%RSD	.2132174	.8381313	1.473742	.2039360	.2579095	1.513705
#1	9.654739	.4639065	2.358240	380.3807	15.17536	2.699093
#2	9.688976	.4717008	2.332651	381.1015	15.17771	2.670337
#3	9.651985	.4685829	2.290334	379.5515	15.10887	2.619489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.61346**	**368.4347**	**13.82852**	**370.2188**	**2.439711**	**1.167224**
Stddev	.03041	1.1476	.04678	1.2822	.039279	.001963
%RSD	.2080676	.3114779	.3382936	.3463492	1.609984	.1682029
#1	14.60331	367.6529	13.80495	370.2785	2.475359	1.169491
#2	14.64765	369.7522	13.88240	371.4702	2.446171	1.166085
#3	14.58943	367.8989	13.79822	368.9078	2.397602	1.166096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**374.1311**	**2.344161**	**14.14194**	**164.9154**	**4.647621**	**4.682057**
Stddev	.9320	.010599	.10977	.6701	.073496	.037791
%RSD	.2491097	.4521301	.7762360	.4063001	1.581364	.8071469
#1	373.1592	2.347499	14.26226	164.1496	4.716852	4.639242
#2	375.0173	2.352689	14.11632	165.3937	4.655514	4.696164
#3	374.2168	2.332296	14.04724	165.2030	4.570498	4.710765

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV036 Acquired: 12/16/2024 4:31:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.493963	4.868644	4.664812	4.680498	4.725496	4.560157
Stddev	.074008	.070548	.048777	.067223	.014301	.012330
%RSD	1.646829	1.449035	1.045630	1.436235	.3026284	.2703840
#1	4.553423	4.921565	4.609423	4.737795	4.730983	4.559871
#2	4.517389	4.895817	4.701348	4.697200	4.736241	4.572628
#3	4.411077	4.788549	4.683665	4.606498	4.709264	4.547973

Elem	Li6707
Units	ppm
Avg	5.050673
Stddev	.024024
%RSD	.4756659
#1	5.029596
#2	5.076832
#3	5.045592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.421	25830.08	2564.770	1633.611	2590.369
Stddev	29.294	50.56	24.467	2.648	36.182
%RSD	1.485955	.1957480	.9539711	.1620807	1.396774
#1	1943.930	25825.65	2592.152	1636.576	2553.602
#2	1968.097	25781.87	2545.053	1631.484	2591.569
#3	2002.236	25882.71	2557.106	1632.771	2625.935

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB036 Acquired: 12/16/2024 4:59:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001370**	**.0018520**	**.0048113**	**-.002265**	**-.001360**	**-.008633**
Stddev	.001608	.0021216	.0027417	.004737	.001320	.005404
%RSD	117.3665	114.5547	56.98501	209.1157	97.03555	62.59250
#1	.000413	.0011541	.0049640	.002481	-.001948	-.012926
#2	-.002711	.0042347	.0019964	-.002283	.000152	-.002565
#3	-.001812	.0001674	.0074734	-.006994	-.002283	-.010408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006658**	**.0001025**	**.0000380**	**.0221275**	**.0001870**	**-.000096**
Stddev	.0012857	.0000864	.0000608	.0245166	.0007124	.000278
%RSD	193.1173	84.26138	160.1700	110.7969	380.8658	288.7570
#1	.0021426	.0000092	-.000029	.0091106	-.000621	-.000394
#2	-.000204	.0001796	.000052	.0504070	.000457	-.000052
#3	.000059	.0001187	.000091	.0068648	.000725	.000157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004740**	**-.013871**	**.0007068**	**.0764791**	**.0003494**	**.0004379**
Stddev	.009807	.037971	.0004250	.0698992	.0005031	.0004412
%RSD	206.9017	273.7364	60.12476	91.39644	144.0248	100.7571
#1	-.016063	-.001230	.0006975	.0493580	.0005202	.0009360
#2	.001069	-.056550	.0002866	.1558746	-.000217	.0000963
#3	.000774	.016167	.0011364	.0242048	.000745	.0002813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.349525**	**-.010736**	**-.001621**	**-1.16115**	**.0007668**	**.0158982**
Stddev	.870565	.011420	.000430	.12727	.0034848	.0007455
%RSD	249.0706	106.3745	26.51601	10.96101	454.4490	4.689104
#1	-1.14668	-.021756	-.001127	-1.01931	.0035432	.0151352
#2	.57942	-.011499	-.001829	-1.19877	-.003144	.0166249
#3	-.48132	.001047	-.001907	-1.26538	.001901	.0159346

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB036 Acquired: 12/16/2024 4:59:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008982	-.010199	.0007169	.0016393	-.002316	.0000217
Stddev	.0001648	.002358	.0003960	.0016342	.002082	.0002898
%RSD	18.34991	23.11850	55.23485	99.68851	89.87995	1338.007
#1	.0008216	-.008971	.0003026	-.000152	-.000130	.0002687
#2	.0010874	-.008709	.0010915	.003049	-.002542	.0000936
#3	.0007857	-.012918	.0007565	.002020	-.004275	-.000297

Elem	Li6707
Units	ppm
Avg	F .0442817
Stddev	.0031753
%RSD	7.170622
#1	.0479425
#2	.0426267
#3	.0422757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.352	28588.53	2640.199	1952.793	3219.699
Stddev	3.889	56.18	5.385	14.608	4.860
%RSD	.1660462	.1965177	.2039793	.7480701	.1509409
#1	2339.555	28528.36	2635.548	1936.324	3214.474
#2	2346.793	28597.61	2638.951	1964.187	3224.084
#3	2340.706	28639.62	2646.099	1957.868	3220.540

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-10 Acquired: 12/16/2024 5:03:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1367711**	**.0180153**	**7.655100**	**-.008968**	**.0267684**	**51.18866**	**3.517534**
Stddev	.0056875	.0015441	.020071	.005444	.0008890	.17624	.009853
%RSD	4.158439	8.571260	.2621879	60.70628	3.321187	.3442886	.2801065
#1	.1313250	.0163060	7.656560	-.009909	.0277892	51.25580	3.523896
#2	.1363156	.0193092	7.634338	-.013880	.0261641	51.32145	3.522523
#3	.1426727	.0184309	7.674400	-.003114	.0263518	50.98872	3.506185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054438**	**.0318463**	**78.97577**	**.1438246**	**.1042874**	**.4828837**	**138.8503**
Stddev	.0001025	.0000562	.28980	.0005970	.0002334	.0068690	.4754
%RSD	1.882155	.1763592	.3669526	.4150981	.2237904	1.422485	.3423744
#1	.0054066	.0319089	79.13965	.1438574	.1045540	.4907920	139.3609
#2	.0055597	.0318004	79.14651	.1432119	.1041884	.4784036	138.7696
#3	.0053651	.0318296	78.64116	.1444046	.1041199	.4794555	138.4204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.342956**	**27.83372**	**.1790483**	**-.007834**	**-.178857**	**.1276116**	**3.165105**
Stddev	.027626	.14871	.0011614	.001479	.477092	.0073304	.036396
%RSD	.3311339	.5342829	.6486365	18.88473	266.7441	5.744303	1.149922
#1	8.372980	28.00522	.1803875	-.006603	-.594983	.1191473	3.194641
#2	8.337279	27.74042	.1783171	-.009475	-.283439	.1317978	3.124445
#3	8.318610	27.75553	.1784404	-.007424	.341849	.1318895	3.176230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.430143**	**7.764026**	**-.020718**	**.0020108**	**2.530684**	**7.326079**	**.1189269**
Stddev	.083752	.006539	.002389	.0006597	.003928	.065577	.0008563
%RSD	1.890506	.0842255	11.52960	32.80943	.1552128	.8951238	.7200309
#1	4.522453	7.761598	-.021585	.0023925	2.527355	7.300589	.1196438
#2	4.408959	7.759048	-.022553	.0012490	2.529682	7.400575	.1179787
#3	4.359017	7.771432	-.018017	.0023907	2.535017	7.277074	.1191583

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-10 Acquired: 12/16/2024 5:03:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8935289	.1754824	.1042978
Stddev	.0037424	.0012440	.0006537
%RSD	.4188324	.7089095	.6267665
#1	.8896226	.1768676	.1035848
#2	.8970825	.1744605	.1044396
#3	.8938814	.1751190	.1048690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.421	31643.57	2941.205	2161.455	3079.546
Stddev	5.276	140.52	15.698	10.500	2.643
%RSD	.2049419	.4440628	.5337311	.4858013	.0858095
#1	2570.378	31575.72	2947.597	2153.920	3077.259
#2	2572.497	31805.13	2923.319	2173.449	3078.939
#3	2580.390	31549.84	2952.698	2156.997	3082.439

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-11 Acquired: 12/16/2024 5:07:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2831000	.0266853	.4732506	.0157961	.0415799	68.48975	.6584561
Stddev	.0030222	.0010067	.0025795	.0019782	.0016689	.42477	.0042277
%RSD	1.067523	3.772340	.5450611	12.52348	4.013614	.6201969	.6420642
#1	.2863996	.0257692	.4750304	.0151792	.0414525	68.37296	.6591953
#2	.2804664	.0277630	.4744292	.0141998	.0433088	68.96070	.6622654
#3	.2824341	.0265236	.4702924	.0180093	.0399784	68.13559	.6539075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067980	.0041338	28.82132	.0930180	.2192016	.3197292	199.9344
Stddev	.0001608	.0001664	.16013	.0000622	.0007667	.0012167	1.1473
%RSD	2.365383	4.024815	.5555869	.0668292	.3497907	.3805507	.5738147
#1	.0066660	.0039433	28.82445	.0930245	.2200781	.3210301	199.1964
#2	.0069771	.0042503	28.97986	.0929528	.2186551	.3195383	201.2561
#3	.0067509	.0042079	28.65965	.0930766	.2188717	.3186192	199.3507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.68282	15.35504	.1508443	-.013044	-.432152	.1459825	.4708573
Stddev	.13057	.09076	.0005350	.000330	.015373	.0075254	.0076596
%RSD	.5513169	.5910965	.3546803	2.528857	3.557240	5.155003	1.626736
#1	23.63241	15.27048	.1514225	-.012884	-.447887	.1471347	.4792437
#2	23.83108	15.45094	.1503668	-.013423	-.417169	.1528653	.4690972
#3	23.58497	15.34369	.1507436	-.012824	-.431400	.1379474	.4642309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.681647	3.819343	-.079581	.0101444	.5984464	5.556458	.0301448
Stddev	.218324	.003773	.003890	.0003746	.0015104	.070534	.0015048
%RSD	5.930065	.0987864	4.887605	3.692363	.2523906	1.269412	4.991753
#1	3.909911	3.822036	-.078171	.0098968	.5976896	5.520047	.0295775
#2	3.660181	3.820963	-.083979	.0105754	.6001856	5.637756	.0318507
#3	3.474848	3.815031	-.076594	.0099612	.5974640	5.511569	.0290061

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-11 Acquired: 12/16/2024 5:07:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9114058	-.058756	.0827658
Stddev	.0099598	.000684	.0022359
%RSD	1.092800	1.163451	2.701529
#1	.9015393	-.058274	.0840223
#2	.9214564	-.059539	.0840908
#3	.9112216	-.058456	.0801842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.417	33566.18	3083.746	2292.271	3103.050
Stddev	8.593	210.19	28.221	17.555	3.613
%RSD	.3145818	.6262086	.9151580	.7658320	.1164273
#1	2741.337	33410.97	3083.315	2277.112	3107.215
#2	2726.615	33805.38	3055.744	2311.505	3101.176
#3	2726.298	33482.17	3112.181	2288.196	3100.759

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-12 Acquired: 12/16/2024 5:11:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0331092**	**.0261534**	**.1077838**	**-.049108**	**.0121349**	**59.13153**
Stddev	.0046143	.0022195	.0028173	.003359	.0042284	.18725
%RSD	13.93660	8.486430	2.613835	6.840417	34.84522	.3166725
#1	.0352578	.0253212	.1049114	-.050448	.0132619	59.14078
#2	.0362574	.0244703	.1078974	-.051590	.0156857	59.31399
#3	.0278124	.0286687	.1105426	-.045285	.0074572	58.93982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6812129**	**.0047077**	**.0033042**	F **846.8011**	**.0990095**	**.1224419**
Stddev	.0019329	.0001309	.0000741	2.2698	.0008753	.0005979
%RSD	.2837483	2.780396	2.242737	.2680471	.8840865	.4882757
#1	.6813219	.0048521	.0033598	847.6701	.1000201	.1229421
#2	.6830890	.0046742	.0033328	848.5080	.0985226	.1217798
#3	.6792278	.0045968	.0032201	844.2251	.0984860	.1226040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0938133**	**142.7245**	**3.240116**	**113.8780**	**.1741596**	**-.013792**
Stddev	.0084845	.3277	.014898	.3736	.0021424	.000703
%RSD	9.043984	.2295952	.4597996	.3280429	1.230161	5.100002
#1	.1035308	142.6213	3.238505	113.8798	.1765362	-.014130
#2	.0900332	143.0914	3.255754	114.2507	.1723765	-.014262
#3	.0878759	142.4608	3.226089	113.5036	.1735660	-.012983

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.161278**	**.1277298**	**.2928277**	**4.434714**	**6.544688**	**-.040207**
Stddev	.539139	.0029772	.0052693	.045462	.006276	.002407
%RSD	334.2914	2.330855	1.799467	1.025142	.0958983	5.986785
#1	.123545	.1264924	.2868736	4.431613	6.551758	-.040762
#2	-.783093	.1255709	.2968897	4.390882	6.542535	-.042288
#3	.175714	.1311262	.2947199	4.481647	6.539772	-.037570

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-12 Acquired: 12/16/2024 5:11:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK75 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002838	1.615945	8.585012	.0225467	.8643174	.5409548
Stddev	.000711	.003254	.044405	.0012417	.0088124	.0031203
%RSD	25.06327	.2013522	.5172440	5.507121	1.019585	.5768215
#1	-.002713	1.619529	8.619370	.0239493	.8645050	.5399375
#2	-.002197	1.613176	8.600795	.0215880	.8730346	.5444568
#3	-.003603	1.615131	8.534871	.0221028	.8554127	.5384701

Elem	Li6707
Units	ppm
Avg	.2199068
Stddev	.0016539
%RSD	.7520807
#1	.2202395
#2	.2181118
#3	.2213690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.689	29056.30	2807.347	1975.418	2681.868
Stddev	6.783	238.60	11.654	15.330	7.709
%RSD	.2881913	.8211707	.4151193	.7760456	.2874593
#1	2359.939	29326.07	2813.695	1992.515	2690.659
#2	2354.652	28969.92	2793.898	1970.843	2678.681
#3	2346.476	28872.93	2814.449	1962.897	2676.262

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-13 Acquired: 12/16/2024 5:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1110165**	**.0155322**	**1.314760**	**-.023390**	**.0026412**	**49.94354**	**.9837414**
Stddev	.0028405	.0017997	.005070	.003981	.0008988	.24947	.0063717
%RSD	2.558626	11.58716	.3856415	17.01849	34.02875	.4995077	.6477038
#1	.1136102	.0134573	1.309632	-.025615	.0019095	50.14082	.9856085
#2	.1079810	.0166712	1.314878	-.018794	.0036445	50.02669	.9889710
#3	.1114585	.0164680	1.319771	-.025760	.0023698	49.66312	.9766447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066578**	**.0034043**	**88.75884**	**.0522621**	**.0891542**	**.2719109**	**35.48088**
Stddev	.0001203	.0001495	.17653	.0002868	.0003417	.0038773	.28268
%RSD	1.806242	4.390990	.1988897	.5487244	.3832853	1.425932	.7967060
#1	.0065751	.0035565	88.71917	.0520049	.0889135	.2685920	35.40008
#2	.0067958	.0033988	88.95183	.0522101	.0890038	.2761726	35.79516
#3	.0066027	.0032577	88.60551	.0525713	.0895453	.2709680	35.24740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.590288**	**7.582662**	**.0985913**	**-.002857**	**.8816748**	**.1630371**	**.7040486**
Stddev	.011518	.052461	.0004289	.000782	.0482970	.0025847	.0099099
%RSD	.4446781	.6918542	.4350756	27.37381	5.477865	1.585319	1.407560
#1	2.598879	7.636452	.0981872	-.001959	.8598845	.1601253	.6981637
#2	2.594785	7.579894	.0990414	-.003226	.9370276	.1650600	.7154900
#3	2.577199	7.531639	.0985452	-.003386	.8481123	.1639260	.6984920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.931175**	**7.547350**	**.0279841**	**.0134760**	**2.222790**	**6.063903**	**.0406110**
Stddev	.165035	.027360	.0015691	.0004334	.009191	.038965	.0010406
%RSD	3.346777	.3625107	5.607145	3.216190	.4135049	.6425687	2.562395
#1	5.093831	7.523338	.0289321	.0137641	2.215628	6.108896	.0401328
#2	4.935833	7.541575	.0261729	.0129775	2.219587	6.041531	.0418048
#3	4.763859	7.577136	.0288473	.0136863	2.233154	6.041283	.0398955

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-13 Acquired: 12/16/2024 5:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5360974	.3226310	.1727661
Stddev	.0030486	.0026563	.0028444
%RSD	.5686728	.8233239	1.646387
#1	.5335944	.3238888	.1727982
#2	.5394926	.3244247	.1699058
#3	.5352053	.3195794	.1755943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.836	30743.68	2844.439	2092.705	3112.665
Stddev	9.518	82.45	28.254	6.475	7.634
%RSD	.3838011	.2681758	.9933019	.3094251	.2452485
#1	2490.744	30757.89	2813.865	2099.790	3121.477
#2	2473.224	30655.05	2849.867	2087.094	3108.050
#3	2475.538	30818.09	2869.585	2091.230	3108.469

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-14 Acquired: 12/16/2024 5:19:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1593942**	**.0198535**	**2.937838**	**-.013589**	**.0123516**	**58.22104**	**2.329622**
Stddev	.0047365	.0017282	.018724	.000772	.0006388	.16848	.001891
%RSD	2.971538	8.704918	.6373310	5.678598	5.171502	.2893869	.0811629
#1	.1539330	.0209679	2.940588	-.014448	.0129412	58.06805	2.328106
#2	.1623800	.0178627	2.917891	-.013362	.0124407	58.19344	2.329019
#3	.1618697	.0207300	2.955034	-.012956	.0116730	58.40162	2.331741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0070608**	**.0103299**	**74.23943**	**.0991001**	**.1198623**	**.3391480**	**67.98575**
Stddev	.0001077	.0001001	.09089	.0007289	.0006070	.0043303	.12439
%RSD	1.525417	.9690714	.1224274	.7355582	.5063817	1.276820	.1829626
#1	.0069382	.0103333	74.13962	.0993056	.1199063	.3346420	67.89548
#2	.0071402	.0102281	74.26123	.0997042	.1192345	.3432781	68.12764
#3	.0071040	.0104282	74.31744	.0982904	.1204461	.3395240	67.93414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.572586**	**11.73443**	**.1548667**	**-.002167**	**1.627402**	**.3091419**	**3.362629**
Stddev	.017872	.05711	.0007304	.000359	.253865	.0039041	.039291
%RSD	.2084732	.4866969	.4716273	16.56466	15.59941	1.262867	1.168457
#1	8.552683	11.72148	.1544066	-.001869	1.685830	.3130311	3.347325
#2	8.587259	11.68491	.1544846	-.002065	1.846959	.3052232	3.407269
#3	8.577815	11.79691	.1557089	-.002565	1.349417	.3091713	3.333293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.273169**	**9.894550**	**.0220756**	**.0172988**	**2.334006**	**7.227260**	**.1135314**
Stddev	.131533	.051167	.0016616	.0007673	.019201	.059829	.0008157
%RSD	1.589877	.5171259	7.526963	4.435873	.8226662	.8278213	.7185040
#1	8.139912	9.895463	.0236278	.0167676	2.330645	7.219338	.1125900
#2	8.402908	9.842932	.0222763	.0169502	2.316708	7.171787	.1139739
#3	8.276687	9.945254	.0203228	.0181785	2.354666	7.290655	.1140302

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-14 Acquired: 12/16/2024 5:19:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7123662	.4181279	.1864557
Stddev	.0041158	.0011587	.0050355
%RSD	.5777615	.2771245	2.700643
#1	.7131445	.4173501	.1848713
#2	.7079169	.4175740	.1824030
#3	.7160373	.4194596	.1920929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.838	31875.08	2955.051	2162.602	3109.239
Stddev	5.288	75.84	19.895	7.993	12.354
%RSD	.2049025	.2379204	.6732414	.3696104	.3973189
#1	2579.414	31894.51	2961.282	2169.010	3105.271
#2	2586.693	31791.42	2971.084	2153.646	3123.089
#3	2576.408	31939.31	2932.786	2165.151	3099.357

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-15 Acquired: 12/16/2024 5:23:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1756367**	**.0436280**	**8.807288**	**-.024539**	**.0193808**	**57.37775**
Stddev	.0019484	.0057920	.005409	.005711	.0013572	.12473
%RSD	1.109341	13.27585	.0614112	23.27199	7.002831	.2173791
#1	.1778399	.0384349	8.802637	-.031120	.0206195	57.25869
#2	.1741404	.0498743	8.806004	-.021607	.0179300	57.36709
#3	.1749298	.0425746	8.813223	-.020889	.0195929	57.50746

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.326748**	**.0056634**	**.0088193**	**291.6976**	**.1065876**	**.1550606**
Stddev	.004769	.0000604	.0000487	.6883	.0013340	.0006072
%RSD	.2049507	1.065726	.5519028	.2359638	1.251537	.3916007
#1	2.323509	.0056100	.0087663	290.9205	.1072024	.1548692
#2	2.324510	.0057289	.0088297	291.9419	.1075033	.1557405
#3	2.332224	.0056514	.0088620	292.2304	.1050570	.1545721

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4326808**	**155.2928**	**17.19628**	**32.36570**	**.1628577**	**-.005506**
Stddev	.0117721	.3352	.01735	.05937	.0006484	.000460
%RSD	2.720743	.2158618	.1009013	.1834377	.3981598	8.349946
#1	.4199525	155.4113	17.18309	32.42434	.1635761	-.005376
#2	.4431772	154.9144	17.18981	32.30562	.1623158	-.006017
#3	.4349127	155.5527	17.21593	32.36713	.1626812	-.005126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1756973**	**.1507351**	**1.507949**	**9.611091**	F **20.71106**	**.0215736**
Stddev	.2486914	.0023135	.011988	.077555	.06513	.0020395
%RSD	141.5454	1.534801	.7949715	.8069355	.3144552	9.453927
#1	.3821018	.1529304	1.519991	9.524387	20.64029	.0230642
#2	-.100408	.1483193	1.507839	9.673849	20.72443	.0224073
#3	.245398	.1509557	1.496016	9.635037	20.76847	.0192492

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-15 Acquired: 12/16/2024 5:23:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK79 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092071	2.388478	9.457591	.1855102	.9515240	.8694224
Stddev	.0006387	.011102	.076128	.0019062	.0029958	.0014069
%RSD	6.936965	.4648353	.8049394	1.027534	.3148465	.1618140
#1	.0097678	2.375878	9.375975	.1866606	.9528962	.8707967
#2	.0093416	2.392727	9.470124	.1833099	.9480878	.8679851
#3	.0085118	2.396828	9.526675	.1865602	.9535879	.8694854

Elem	Li6707
Units	ppm
Avg	.1463477
Stddev	.0065276
%RSD	4.460339
#1	.1388394
#2	.1495292
#3	.1506746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.268	32924.40	3117.242	2243.118	2899.491
Stddev	9.834	101.62	10.918	10.645	8.521
%RSD	.3695341	.3086398	.3502471	.4745833	.2938950
#1	2653.306	32824.65	3128.614	2233.948	2894.378
#2	2658.238	32920.76	3116.268	2240.614	2894.768
#3	2672.261	33027.78	3106.843	2254.792	2909.329

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-16 Acquired: 12/16/2024 5:27:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1181787**	**.0405603**	**2.531899**	**-.019814**	**.0199157**	**54.27427**
Stddev	.0023156	.0010384	.002466	.003213	.0015029	.24545
%RSD	1.959404	2.560159	.0973964	16.21308	7.546498	.4522430
#1	.1157911	.0393671	2.534457	-.018766	.0215456	54.08760
#2	.1183300	.0410541	2.529537	-.017257	.0185846	54.18291
#3	.1204149	.0412597	2.531703	-.023420	.0196169	54.55230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.881991**	**.0050621**	**.0066789**	**198.4623**	**.0940670**	**.1423510**
Stddev	.009347	.0002331	.0001373	.5846	.0008023	.0002767
%RSD	.4966420	4.604191	2.055128	.2945479	.8528943	.1943647
#1	1.877298	.0052751	.0065926	197.8853	.0934199	.1426042
#2	1.875921	.0048131	.0066070	198.4475	.0938164	.1420556
#3	1.892755	.0050981	.0068372	199.0542	.0949646	.1423932

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3296166**	**148.6363**	**18.03973**	**24.33257**	**.1352151**	**-.007427**
Stddev	.0036203	.2447	.03534	.03944	.0006271	.001324
%RSD	1.098321	.1646257	.1959243	.1620778	.4637825	17.82394
#1	.3300923	148.6730	18.03230	24.35764	.1358097	-.008816
#2	.3329754	148.3754	18.00869	24.28711	.1345599	-.007285
#3	.3257820	148.8606	18.07820	24.35296	.1352758	-.006179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.088644**	**.1135496**	**.8774124**	**9.165517**	F **17.18190**	**.0014020**
Stddev	.311307	.0046833	.0053099	.101818	.02718	.0020213
%RSD	351.1869	4.124464	.6051803	1.110883	.1582088	144.1710
#1	.169398	.1097358	.8782867	9.134813	17.15164	.0020511
#2	-.000933	.1121363	.8822309	9.279153	17.18981	.0030191
#3	-.434397	.1187768	.8717196	9.082584	17.20426	-.000864

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-16 Acquired: 12/16/2024 5:27:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK80 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081440	1.703321	9.245339	.1026550	1.162869	.6700652
Stddev	.0004890	.004306	.111709	.0015154	.007434	.0014134
%RSD	6.003907	.2527813	1.208272	1.476200	.6392694	.2109302
#1	.0082462	1.699079	9.311007	.1013397	1.167899	.6685505
#2	.0076119	1.707688	9.116356	.1043121	1.154330	.6702964
#3	.0085737	1.703195	9.308654	.1023131	1.166379	.6713488

Elem	Li6707
Units	ppm
Avg	.1320958
Stddev	.0030202
%RSD	2.286371
#1	.1332124
#2	.1343987
#3	.1286763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.041	32614.19	3079.378	2218.513	2985.905
Stddev	8.766	179.14	20.293	10.322	11.680
%RSD	.3307741	.5492654	.6589929	.4652818	.3911817
#1	2645.691	32684.12	3065.166	2225.020	2978.233
#2	2660.130	32410.63	3102.618	2206.611	2999.348
#3	2644.301	32747.81	3070.348	2223.908	2980.135

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-17 Acquired: 12/16/2024 5:31:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1242384**	**.0424192**	**2.195321**	**-.016534**	**.0239819**	**67.28183**
Stddev	.0018009	.0019349	.006733	.006461	.0036094	.08114
%RSD	1.449562	4.561384	.3066888	39.07931	15.05053	.1206035
#1	.1247398	.0427411	2.190077	-.019861	.0211535	67.34935
#2	.1222399	.0441730	2.202914	-.020653	.0227450	67.19181
#3	.1257355	.0403435	2.192973	-.009087	.0280471	67.30433

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.547948**	**.0065215**	**.0086540**	**208.7843**	**.1026441**	**.1630595**
Stddev	.003777	.0000685	.0001266	.4122	.0016773	.0002201
%RSD	.2439912	1.050785	1.463508	.1974448	1.634059	.1349952
#1	1.551821	.0065999	.0087356	208.6842	.1008060	.1630664
#2	1.544275	.0064913	.0085081	208.4313	.1030347	.1632762
#3	1.547749	.0064732	.0087183	209.2373	.1040916	.1628361

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3152068**	**182.6564**	**18.88515**	**67.90766**	**.1800237**	**-.010817**
Stddev	.0034253	.2204	.03377	.18285	.0004878	.000461
%RSD	1.086671	.1206860	.1788082	.2692601	.2709813	4.265714
#1	.3112842	182.8115	18.91748	68.07276	.1803577	-.010537
#2	.3167298	182.4041	18.85011	67.71114	.1802495	-.011350
#3	.3176064	182.7537	18.88785	67.93910	.1794639	-.010565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0281892**	**.1458179**	**.7408501**	**8.042145**	F **14.51615**	**-.036857**
Stddev	.3083144	.0034760	.0117086	.068435	.00907	.002616
%RSD	1093.734	2.383793	1.580432	.8509567	.0624813	7.097013
#1	-.274206	.1498300	.7276272	8.031790	14.51665	-.038872
#2	.016673	.1439097	.7499024	7.979477	14.50684	-.033901
#3	.342100	.1437139	.7450208	8.115167	14.52496	-.037797

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-17 Acquired: 12/16/2024 5:31:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK81 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121331	1.821779	8.026715	.0835419	.8294746	.2920890
Stddev	.0004087	.004408	.078735	.0009068	.0007523	.0015365
%RSD	3.368809	.2419471	.9809109	1.085394	.0907002	.5260301
#1	.0123407	1.825159	8.117111	.0825428	.8298568	.2936217
#2	.0116622	1.816794	7.989921	.0843127	.8286079	.2920963
#3	.0123964	1.823386	7.973113	.0837702	.8299592	.2905488

Elem	Li6707
Units	ppm
Avg	.1474191
Stddev	.0008107
%RSD	.5499072
#1	.1468678
#2	.1470395
#3	.1483499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2796.240	34431.45	3269.064	2346.080	2924.893
Stddev	1.400	186.80	15.919	12.533	3.787
%RSD	.0500545	.5425172	.4869741	.5341971	.1294670
#1	2796.056	34623.53	3251.596	2358.298	2926.637
#2	2794.941	34420.40	3272.841	2346.687	2920.549
#3	2797.722	34250.43	3282.755	2333.255	2927.495

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-18 Acquired: 12/16/2024 5:35:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0949027**	**.0409977**	**1.046997**	**-.036375**	**.0192764**	**58.16116**
Stddev	.0015024	.0022865	.003826	.003104	.0010052	.25140
%RSD	1.583098	5.577078	.3654380	8.533809	5.214401	.4322548
#1	.0935854	.0393543	1.049851	-.034245	.0202830	58.14084
#2	.0965390	.0400299	1.042649	-.039936	.0182727	57.92053
#3	.0945836	.0436089	1.048490	-.034942	.0192735	58.42211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.092665**	**.0055441**	**.0063628**	**513.8371**	**.1004051**	**.1461760**
Stddev	.005818	.0000899	.0000986	1.4730	.0004529	.0008273
%RSD	.5324588	1.621802	1.550259	.2866634	.4510441	.5659859
#1	1.092078	.0054778	.0063968	513.5475	.0999297	.1469718
#2	1.087162	.0055081	.0062516	512.5305	.1008314	.1453204
#3	1.098754	.0056464	.0064398	515.4334	.1004542	.1462357

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2879977**	**153.1462**	**12.17997**	**79.92753**	**.1737792**	**-.010420**
Stddev	.0100815	.7842	.07349	.45262	.0006429	.000621
%RSD	3.500561	.5120908	.6033925	.5662856	.3699432	5.962979
#1	.2815111	153.1334	12.14716	79.92114	.1743104	-.011089
#2	.2828696	152.3685	12.12860	79.47815	.1730645	-.010309
#3	.2996124	153.9368	12.26416	80.38332	.1739626	-.009861

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.411501**	**.1283389**	**.6768301**	**6.647560**	F **10.71462**	**-.027337**
Stddev	.371379	.0055195	.0122651	.088142	.00280	.001353
%RSD	90.24988	4.300735	1.812143	1.325932	.0261706	4.950779
#1	-.111599	.1333286	.6752165	6.565074	10.71236	-.025850
#2	-.295996	.1224101	.6898222	6.637167	10.71375	-.028498
#3	-.826907	.1292781	.6654516	6.740437	10.71776	-.027662

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-18 Acquired: 12/16/2024 5:35:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK82 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063809	1.962952	8.360160	.0512410	.7354426	.3161157
Stddev	.0003903	.009948	.054031	.0019589	.0067643	.0023677
%RSD	6.117053	.5068055	.6462904	3.822915	.9197527	.7489951
#1	.0064180	1.951480	8.322724	.0510908	.7351114	.3152828
#2	.0059733	1.969205	8.335655	.0532707	.7288500	.3142771
#3	.0067513	1.968170	8.422101	.0493616	.7423663	.3187873

Elem	Li6707
Units	ppm
Avg	.1635938
Stddev	.0019034
%RSD	1.163491
#1	.1626441
#2	.1623522
#3	.1657852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.092	32611.05	3146.031	2224.894	2770.348
Stddev	15.156	57.24	20.553	6.592	15.543
%RSD	.5725475	.1755085	.6532885	.2962797	.5610598
#1	2630.667	32591.82	3158.187	2217.940	2754.653
#2	2650.073	32675.42	3157.605	2231.051	2770.656
#3	2660.536	32565.90	3122.302	2225.690	2785.735

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-19 Acquired: 12/16/2024 5:38:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591947	.0328903	.1158168	-.040002	.0160480	47.11588	.7865610
Stddev	.0039634	.0016465	.0017238	.003202	.0018413	.65379	.0118301
%RSD	6.695586	5.006167	1.488410	8.003669	11.47380	1.387632	1.504033
#1	.0546332	.0311018	.1138915	-.037540	.0181742	46.40336	.7741176
#2	.0617970	.0343431	.1172173	-.038846	.0149876	47.68821	.7976636
#3	.0611539	.0332260	.1163415	-.043622	.0149823	47.25606	.7879018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036220	.0032486	535.6153	.0742992	.1411700	.1496708	145.6245
Stddev	.0001364	.0000525	6.5376	.0006624	.0002974	.0051589	1.7113
%RSD	3.764616	1.614650	1.220573	.8915563	.2106890	3.446852	1.175169
#1	.0034794	.0032063	528.4669	.0735441	.1412691	.1501997	143.6909
#2	.0037511	.0032323	541.2907	.0747826	.1408357	.1545449	146.9443
#3	.0036355	.0033073	537.0882	.0745708	.1414053	.1442678	146.2382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.409833	111.8943	.1837101	-.012903	-.272691	.1109406	.2637643
Stddev	.112359	1.3825	.0008198	.001603	.263478	.0046190	.0073608
%RSD	1.336041	1.235513	.4462709	12.42448	96.62167	4.163498	2.790677
#1	8.285330	110.4189	.1833904	-.014505	-.006511	.1103205	.2706697
#2	8.503687	113.1598	.1830982	-.011299	-.533381	.1158383	.2646032
#3	8.440481	112.1041	.1846416	-.012905	-.278180	.1066629	.2560200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.121552	6.574166	-.042036	-.001121	.6068577	9.302023	.0169643
Stddev	.067462	.022160	.002903	.000526	.0095398	.103363	.0018944
%RSD	1.636807	.3370841	6.905057	46.87227	1.572001	1.111192	11.16708
#1	4.150599	6.569586	-.040224	-.001128	.6162097	9.192975	.0153566
#2	4.169626	6.554654	-.040501	-.000592	.6072228	9.314529	.0164834
#3	4.044433	6.598259	-.045384	-.001643	.5971405	9.398563	.0190527

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-19 Acquired: 12/16/2024 5:38:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7422201	.4827228	.1658155
Stddev	.0146264	.0066426	.0018237
%RSD	1.970627	1.376069	1.099863
#1	.7255460	.4751787	.1639051
#2	.7528835	.4876947	.1660032
#3	.7482307	.4852949	.1675381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.921	30075.72	2899.518	2045.660	2758.963
Stddev	6.845	160.05	27.845	12.294	10.092
%RSD	.2799807	.5321651	.9603257	.6009583	.3657858
#1	2442.627	30135.12	2931.428	2042.521	2750.093
#2	2439.517	29894.46	2880.149	2035.240	2756.853
#3	2452.619	30197.58	2886.978	2059.219	2769.943

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-20 Acquired: 12/16/2024 5:42:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0570947**	**.0467203**	**.3550746**	**-.054116**	**.0041236**	**43.67278**
Stddev	.0032425	.0023229	.0030376	.003658	.0007987	.13921
%RSD	5.679245	4.972009	.8554958	6.759081	19.36782	.3187605
#1	.0605260	.0492522	.3526075	-.057395	.0046637	43.58262
#2	.0540814	.0446873	.3584674	-.054781	.0032062	43.83312
#3	.0566767	.0462215	.3541489	-.050171	.0045009	43.60262

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2795198**	**.0037559**	**.0047220**	F **1206.893**	**.0721570**	**.1394542**
Stddev	.0013419	.0000822	.0000462	4.139	.0005778	.0004829
%RSD	.4800837	2.188787	.9790981	.3429300	.8006832	.3462917
#1	.2788320	.0037547	.0046695	1204.856	.0728028	.1389274
#2	.2810661	.0038387	.0047564	1211.655	.0719792	.1395593
#3	.2786612	.0036743	.0047402	1204.167	.0716891	.1398759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3892821**	**123.5964**	**10.02200**	**153.1172**	**.1609188**	**-.010461**
Stddev	.0144661	.6055	.03578	.5777	.0006003	.000744
%RSD	3.716107	.4898667	.3570035	.3773015	.3730456	7.113977
#1	.4011157	123.2276	10.00509	152.5991	.1604932	-.009689
#2	.3935753	124.2951	10.06310	153.7402	.1616054	-.011174
#3	.3731553	123.2664	9.99781	153.0122	.1606578	-.010520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2940732**	**.0887700**	**.4166552**	**8.811893**	F **10.42072**	**-.017561**
Stddev	.5665504	.0059886	.0012441	.058758	.01315	.001576
%RSD	192.6562	6.746216	.2985980	.6667993	.1262162	8.975591
#1	.2363825	.0907497	.4160873	8.745798	10.42977	-.019250
#2	-.241425	.0935180	.4157964	8.831673	10.40564	-.017304
#3	.887262	.0820421	.4180819	8.858208	10.42676	-.016129

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5037-20 Acquired: 12/16/2024 5:42:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001460	1.499950	7.692394	.0241996	.8854243	.8866520
Stddev	.000543	.006297	.020962	.0013314	.0096756	.0033720
%RSD	37.21061	.4198231	.2725038	5.501619	1.092766	.3803065
#1	-.001751	1.507212	7.709718	.0227340	.8818225	.8861534
#2	-.000833	1.496637	7.698371	.0253343	.8963842	.8902456
#3	-.001795	1.496001	7.669092	.0245306	.8780662	.8835571

Elem	Li6707
Units	ppm
Avg	.1940143
Stddev	.0048930
%RSD	2.521951
#1	.1995632
#2	.1903190
#3	.1921606

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2448.691	30151.96	2946.006	2051.025	2582.447
Stddev	8.107	130.11	22.077	2.961	8.222
%RSD	.3310545	.4315072	.7493722	.1443664	.3183782
#1	2446.134	30099.25	2927.839	2052.483	2579.148
#2	2442.172	30056.48	2939.604	2047.618	2576.386
#3	2457.768	30300.15	2970.576	2052.975	2591.805

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-01 Acquired: 12/16/2024 5:46:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919194	.0396422	1.119126	-.038400	.0137160	59.26600	1.301406
Stddev	.0037340	.0030308	.009727	.006748	.0020082	.11923	.002972
%RSD	4.062259	7.645514	.8691455	17.57241	14.64155	.2011722	.2283878
#1	.0960238	.0413656	1.122215	-.044082	.0131421	59.39599	1.304804
#2	.0910108	.0414182	1.126933	-.040176	.0159488	59.16174	1.300126
#3	.0887235	.0361426	1.108230	-.030942	.0120573	59.24026	1.299288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052882	.0095771	524.5803	.1051632	.1339165	.3081585	137.8066
Stddev	.0001009	.0000483	1.5362	.0005068	.0005284	.0044184	.1212
%RSD	1.907249	.5046137	.2928496	.4819608	.3946041	1.433804	.0879340
#1	.0052287	.0096180	526.3457	.1057415	.1340363	.3030646	137.7130
#2	.0052312	.0095894	523.8470	.1049515	.1343748	.3109524	137.7635
#3	.0054047	.0095238	523.5481	.1047965	.1333385	.3104586	137.9435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48167	62.87607	.1580314	-.007191	-.423250	.1356944	.9425274
Stddev	.02217	.24780	.0014413	.000843	.217716	.0096375	.0108596
%RSD	.2114828	.3941043	.9120491	11.71641	51.43902	7.102329	1.152183
#1	10.49795	63.05103	.1596927	-.007433	-.508586	.1380944	.9541515
#2	10.45642	62.59252	.1572876	-.007885	-.585371	.1250837	.9407885
#3	10.49064	62.98466	.1571139	-.006254	-.175793	.1439050	.9326421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.600609	9.345435	-.029320	.0010208	2.672803	7.937341	.0639135
Stddev	.090741	.055769	.002387	.0003835	.016421	.053351	.0013903
%RSD	1.620190	.5967463	8.142219	37.57169	.6143626	.6721466	2.175241
#1	5.656586	9.363677	-.032076	.0011339	2.679389	7.946192	.0652488
#2	5.649327	9.389798	-.027950	.0013350	2.684908	7.880118	.0640175
#3	5.495915	9.282830	-.027933	.0005934	2.654112	7.985712	.0624741

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-01 Acquired: 12/16/2024 5:46:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6978745	.3379248	.1503347
Stddev	.0053175	.0006071	.0030391
%RSD	.7619633	.1796547	2.021569
#1	.7000967	.3381647	.1538389
#2	.7017205	.3372344	.1484183
#3	.6918064	.3383753	.1487470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.865	30751.40	2939.250	2093.963	2769.946
Stddev	13.301	62.54	12.437	2.388	21.059
%RSD	.5337667	.2033624	.4231284	.1140377	.7602815
#1	2493.328	30744.06	2936.281	2091.217	2771.228
#2	2477.892	30692.86	2952.902	2095.113	2748.275
#3	2504.373	30817.29	2928.566	2095.558	2790.335

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-02 Acquired: 12/16/2024 5:50:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517843	.0315645	.4786789	-.049640	.0052296	47.51207	.8037459
Stddev	.0020253	.0017510	.0036028	.004878	.0005348	.40933	.0051765
%RSD	3.911044	5.547262	.7526634	9.826458	10.22640	.8615204	.6440461
#1	.0497045	.0335478	.4746948	-.052754	.0052666	47.97707	.8097029
#2	.0518983	.0302329	.4796337	-.044018	.0057449	47.35289	.8011934
#3	.0537503	.0309127	.4817082	-.052147	.0046773	47.20623	.8003414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042524	.0045273	792.9125	.0832329	.1153724	.1631865	112.6469
Stddev	.0000480	.0000319	7.3852	.0011217	.0008367	.0022458	1.2802
%RSD	1.129432	.7054252	.9313968	1.347608	.7252465	1.376236	1.136439
#1	.0042147	.0045219	801.3747	.0819740	.1144929	.1648453	114.1079
#2	.0042360	.0044984	789.5943	.0841261	.1154655	.1606308	112.1107
#3	.0043065	.0045616	787.7684	.0835985	.1161586	.1640835	111.7220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.324348	103.0351	.1383995	-.009481	-.287687	.1068113	.5100075
Stddev	.054633	1.0213	.0004525	.000796	.082709	.0095024	.0118200
%RSD	1.026098	.9912205	.3269558	8.391052	28.74975	8.896407	2.317612
#1	5.387107	104.2122	.1384448	-.009444	-.249425	.1177425	.5223026
#2	5.298506	102.5096	.1388277	-.010295	-.382599	.1021687	.5089919
#3	5.287429	102.3836	.1379261	-.008705	-.231036	.1005227	.4987282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.946753	7.441075	-.025186	-.002189	2.026939	7.117284	.0301936
Stddev	.178373	.036948	.002197	.000175	.013938	.057889	.0017482
%RSD	4.519500	.4965385	8.724170	8.005266	.6876336	.8133601	5.789825
#1	4.122289	7.407139	-.023827	-.002289	2.010936	7.177376	.0298570
#2	3.952298	7.435651	-.024010	-.002290	2.033458	7.061883	.0286382
#3	3.765671	7.480435	-.027721	-.001986	2.036422	7.112593	.0320855

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-02 Acquired: 12/16/2024 5:50:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6574758	.4994787	.1713514
Stddev	.0086445	.0051687	.0013484
%RSD	1.314807	1.034808	.7869190
#1	.6663626	.5053203	.1698497
#2	.6569690	.4976169	.1717463
#3	.6490959	.4954989	.1724583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.201	30268.19	2872.478	2061.360	2723.557
Stddev	5.375	20.04	33.549	3.130	1.210
%RSD	.2197991	.0661930	1.167931	.1518609	.0444209
#1	2439.102	30267.76	2835.736	2060.377	2722.662
#2	2447.254	30248.38	2901.480	2058.840	2724.933
#3	2449.246	30288.44	2880.219	2064.864	2723.075

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-03 Acquired: 12/16/2024 5:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537327	.0294375	.4997066	-.051116	.0095320	57.67656	.9208363
Stddev	.0045903	.0025730	.0026147	.002016	.0008432	.05291	.0002789
%RSD	8.542840	8.740472	.5232529	3.943444	8.846281	.0917281	.0302926
#1	.0487707	.0306698	.4985366	-.052776	.0095681	57.64451	.9210512
#2	.0545997	.0311625	.4978813	-.048873	.0103567	57.64755	.9209365
#3	.0578276	.0264801	.5027020	-.051699	.0086714	57.73763	.9205211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048458	.0042312	756.4955	.1147147	.1381440	.1798018	131.9586
Stddev	.0001630	.0000845	.9119	.0003425	.0003072	.0090902	.3564
%RSD	3.363175	1.998384	.1205473	.2985230	.2224024	5.055660	.2701125
#1	.0050216	.0042646	755.5492	.1144316	.1377984	.1722394	131.5745
#2	.0046997	.0041350	756.5685	.1150954	.1383862	.1898869	132.2787
#3	.0048162	.0042939	757.3686	.1146172	.1382475	.1772792	132.0226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.053769	121.1117	.1747590	-.010469	.0645624	.1210491	.5255912
Stddev	.005224	.2030	.0011648	.000286	.5448162	.0051061	.0083094
%RSD	.1033623	.1676262	.6665226	2.728627	843.8596	4.218240	1.580962
#1	5.049102	120.8943	.1756065	-.010653	.1463600	.1166929	.5321274
#2	5.059412	121.2963	.1734307	-.010140	.5638548	.1197861	.5162400
#3	5.052794	121.1446	.1752397	-.010614	-.516528	.1266682	.5284062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.724184	8.229814	-.024433	-.001236	2.278284	7.093283	.0322891
Stddev	.171845	.020056	.001809	.000288	.002134	.044181	.0020398
%RSD	3.637551	.2436943	7.402110	23.29198	.0936793	.6228620	6.317331
#1	4.681699	8.237217	-.025687	-.000999	2.279964	7.135883	.0337809
#2	4.913286	8.207109	-.025251	-.001556	2.275882	7.096292	.0299647
#3	4.577567	8.245116	-.022360	-.001153	2.279006	7.047674	.0331218

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-03 Acquired: 12/16/2024 5:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7559808	.5571306	.1932203
Stddev	.0026166	.0015188	.0090218
%RSD	.3461140	.2726128	4.669199
#1	.7529936	.5556151	.1828325
#2	.7570827	.5586527	.1990951
#3	.7578663	.5571241	.1977334

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.470	29942.61	2907.655	2028.034	2675.028
Stddev	7.089	148.71	11.743	3.587	7.881
%RSD	.2911798	.4966567	.4038594	.1768913	.2946107
#1	2426.293	29846.82	2895.018	2025.997	2665.930
#2	2438.242	30113.93	2909.716	2032.176	2679.733
#3	2438.875	29867.08	2918.231	2025.929	2679.421

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-04 Acquired: 12/16/2024 5:58:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0461439**	**.0309888**	**.1697549**	**-.055724**	**.0120618**	**49.60256**
Stddev	.0024524	.0062524	.0038944	.009306	.0030201	1.91635
%RSD	5.314651	20.17627	2.294152	16.70095	25.03842	3.863418
#1	.0455439	.0238930	.1674255	-.053748	.0120291	49.65081
#2	.0488406	.0333834	.1742508	-.047565	.0150980	51.49434
#3	.0440472	.0356900	.1675883	-.065860	.0090581	47.66254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7599503**	**.0043536**	**.0032447**	F **959.6763**	**.0814044**	**.1481239**
Stddev	.0286598	.0000168	.0001042	36.8848	.0011629	.0021812
%RSD	3.771269	.3850660	3.211330	3.843467	1.428574	1.472521
#1	.7601461	.0043355	.0031965	959.8279	.0816362	.1457085
#2	.7885117	.0043567	.0031733	996.4851	.0801430	.1487139
#3	.7311931	.0043685	.0033642	922.7159	.0824339	.1499494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1787051**	**131.3003**	**5.904936**	**153.6196**	**.1823375**	**-.012349**
Stddev	.0020386	5.0026	.225808	5.8542	.0012938	.001528
%RSD	1.140735	3.810008	3.824056	3.810835	.7095508	12.37012
#1	.1787970	131.2647	5.904345	153.4732	.1808522	-.010688
#2	.1806961	136.3206	6.131039	159.5457	.1832194	-.012664
#3	.1766221	126.3157	5.679424	147.8400	.1829409	-.013694

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.081964**	**.1083907**	**.4084047**	**6.773091**	**5.719504**	**-.014604**
Stddev	.452033	.0052805	.0068056	.469666	.076373	.001614
%RSD	551.5005	4.871704	1.666383	6.934292	1.335303	11.05232
#1	-.454455	.1085990	.4152316	6.865997	5.676231	-.014814
#2	.420939	.1135641	.4083619	7.189360	5.674594	-.012895
#3	-.212377	.1030093	.4016206	6.263915	5.807687	-.016103

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-04 Acquired: 12/16/2024 5:58:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK96 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001750**	**1.792425**	**7.344525**	**.0183737**	**.6598905**	**.7452000**
Stddev	.000025	.025886	.254459	.0022338	.0240817	.0286570
%RSD	1.409101	1.444183	3.464608	12.15738	3.649341	3.845541
#1	-.001730	1.779778	7.278900	.0166412	.6626764	.7438517
#2	-.001744	1.775294	7.625368	.0208948	.6824581	.7745074
#3	-.001778	1.822203	7.129306	.0175852	.6345371	.7172410

Elem	Li6707
Units	ppm
Avg	**.2031413**
Stddev	.0083574
%RSD	4.114090
#1	.1951111
#2	.2117914
#3	.2025215

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2399.190**	**29558.09**	**2879.296**	**2010.303**	**2624.235**
Stddev	12.879	177.81	95.802	12.884	17.825
%RSD	.5368083	.6015561	3.327275	.6408849	.6792374
#1	2410.094	29373.05	2886.010	1996.558	2640.161
#2	2402.496	29573.58	2780.314	2012.248	2627.563
#3	2384.981	29727.66	2971.565	2022.104	2604.981

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-05 Acquired: 12/16/2024 6:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820666	.0246354	3.128954	-.033095	.0154360	57.89456
Stddev	.0045251	.0034787	.015054	.004523	.0007094	.14066
%RSD	5.513960	14.12094	.4811217	13.66647	4.595850	.2429599
#1	.0868011	.0240563	3.131568	-.029007	.0161715	58.05620
#2	.0816138	.0283673	3.112764	-.032325	.0147559	57.82745
#3	.0777849	.0214825	3.142529	-.037954	.0153805	57.80002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.563093	.0056212	.0086564	262.5174	.1275757	.1150012
Stddev	.002178	.0001649	.0000129	.6935	.0007746	.0007204
%RSD	.1393396	2.933712	.1488385	.2641849	.6071576	.6264508
#1	1.564880	.0057557	.0086539	263.2049	.1284408	.1144009
#2	1.563731	.0054372	.0086704	262.5294	.1273397	.1148026
#3	1.560667	.0056707	.0086450	261.8180	.1269465	.1158001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2904067	132.9551	8.409038	52.79669	.1881231	-.008868
Stddev	.0028970	.6205	.026624	.25875	.0000292	.000326
%RSD	.9975810	.4666975	.3166060	.4900947	.0155411	3.672167
#1	.2884741	133.6409	8.436168	53.06867	.1881063	-.009158
#2	.2890084	132.7921	8.407992	52.76782	.1881568	-.008932
#3	.2937377	132.4324	8.382952	52.55359	.1881061	-.008516

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4766564	.1289062	1.866187	8.589424	F 10.13267	.0016352
Stddev	.8696908	.0044106	.017938	.070976	.02708	.0007681
%RSD	182.4566	3.421542	.9612234	.8263197	.2672938	46.97039
#1	1.187973	.1249001	1.863535	8.669281	10.13899	.0019030
#2	-.492910	.1281859	1.885303	8.565455	10.10298	.0007691
#3	.734906	.1336325	1.849722	8.533536	10.15603	.0022336

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-05 Acquired: 12/16/2024 6:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022255	5.167855	8.657399	.1003025	.8399722	.1905082
Stddev	.0004166	.006950	.104736	.0014652	.0011697	.0008136
%RSD	18.71737	.1344882	1.209784	1.460809	.1392505	.4270875
#1	.0024573	5.166840	8.754489	.1017110	.8409297	.1914451
#2	.0017446	5.161469	8.546406	.0987865	.8403185	.1899800
#3	.0024747	5.175257	8.671302	.1004101	.8386686	.1900994

Elem	Li6707
Units	ppm
Avg	.1307171
Stddev	.0090050
%RSD	6.888911
#1	.1403566
#2	.1292737
#3	.1225210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.214	31048.33	2966.979	2126.548	2927.469
Stddev	6.572	133.85	27.239	8.625	4.534
%RSD	.2593363	.4310948	.9180603	.4056096	.1548773
#1	2539.841	31122.63	2935.527	2130.033	2928.683
#2	2535.810	30893.81	2982.726	2116.725	2931.273
#3	2526.991	31128.55	2982.685	2132.885	2922.452

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-06 Acquired: 12/16/2024 6:05:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0841739	.0288870	3.106960	-.032052	.0173807	57.46805
Stddev	.0031638	.0026465	.015817	.009731	.0009669	.86339
%RSD	3.758701	9.161494	.5090851	30.36040	5.562769	1.502390
#1	.0873824	.0279922	3.124841	-.037297	.0165161	57.44437
#2	.0810567	.0318649	3.101239	-.020824	.0172012	56.61674
#3	.0840825	.0268039	3.094799	-.038037	.0184247	58.34304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.556349	.0056683	.0087364	261.9240	.1263577	.1138135
Stddev	.024659	.0001587	.0000766	3.9157	.0007097	.0013631
%RSD	1.584444	2.799315	.8764677	1.494964	.5616391	1.197700
#1	1.558978	.0054854	.0088134	262.4823	.1266439	.1146680
#2	1.530480	.0057507	.0087355	257.7591	.1268796	.1145311
#3	1.579588	.0057688	.0086602	265.5305	.1255496	.1122415

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2898792	132.0829	8.369079	52.33413	.1872330	-.009295
Stddev	.0041115	2.1874	.134831	.72131	.0012264	.001048
%RSD	1.418358	1.656058	1.611064	1.378279	.6550179	11.27833
#1	.2862070	132.3712	8.382917	52.39035	.1886310	-.010193
#2	.2891094	129.7657	8.227863	51.58636	.1867293	-.009550
#3	.2943212	134.1118	8.496458	53.02569	.1863386	-.008143

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.251297	.1283843	1.888399	8.565884	F 10.05686	-.001180
Stddev	.525209	.0023888	.031518	.177441	.05210	.005669
%RSD	208.9997	1.860638	1.669057	2.071485	.5180603	480.6084
#1	.334131	.1303748	1.924113	8.556850	10.11179	.005260
#2	-.681125	.1290427	1.864476	8.393133	10.05061	-.003381
#3	-.406896	.1257353	1.876608	8.747670	10.00816	-.005418

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-06 Acquired: 12/16/2024 6:05:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022626	5.133467	8.623082	.0981917	.8388544	.1895007
Stddev	.0003684	.020826	.157836	.0017777	.0143079	.0032453
%RSD	16.28275	.4057001	1.830389	1.810394	1.705650	1.712571
#1	.0026666	5.157507	8.500607	.0973694	.8400226	.1899254
#2	.0019452	5.121994	8.567435	.0969740	.8239983	.1860639
#3	.0021759	5.120901	8.801204	.1002316	.8525425	.1925127

Elem	Li6707
Units	ppm
Avg	.1364293
Stddev	.0030289
%RSD	2.220155
#1	.1381436
#2	.1329320
#3	.1382122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.462	31066.73	2989.452	2125.404	2956.772
Stddev	14.623	185.00	36.219	12.715	20.810
%RSD	.5717793	.5954951	1.211562	.5982505	.7038237
#1	2543.282	30966.47	3018.658	2115.513	2934.005
#2	2556.613	30953.50	3000.774	2120.952	2961.496
#3	2572.491	31280.22	2948.925	2139.747	2974.813

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-05LX5 Acquired: 12/16/2024 6:09:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162267	.0129912	.6260269	-.022077	-.001521	12.54037	.3413494
Stddev	.0022603	.0018711	.0015843	.005473	.003084	.17580	.0029608
%RSD	13.92983	14.40311	.2530785	24.79131	202.7528	1.401868	.8673761
#1	.0185701	.0151514	.6267072	-.017839	.002023	12.45406	.3401043
#2	.0160502	.0118727	.6242160	-.028256	-.003592	12.42441	.3392144
#3	.0140597	.0119496	.6271575	-.020135	-.002995	12.74264	.3447293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013235	.0017135	57.67642	.0280565	.0385052	.0587907	29.34783
Stddev	.0000810	.0000570	.55557	.0004554	.0001544	.0043102	.31291
%RSD	6.121819	3.329382	.9632574	1.623334	.4008724	7.331462	1.066223
#1	.0013357	.0017357	57.28380	.0282163	.0385029	.0559460	29.24375
#2	.0012371	.0016487	57.43336	.0275427	.0383521	.0637498	29.10022
#3	.0013978	.0017561	58.31210	.0284106	.0386608	.0566762	29.69952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.851757	11.72948	.0361759	-.001938	-.197743	.0216955	.3858145
Stddev	.020232	.11022	.0003546	.000520	.271264	.0043048	.0156792
%RSD	1.092574	.9396616	.9802823	26.80877	137.1803	19.84175	4.063912
#1	1.842942	11.68891	.0357685	-.002445	-.504043	.0256675	.3853991
#2	1.837429	11.64530	.0364155	-.001962	-.101337	.0171214	.3703472
#3	1.874901	11.85423	.0363438	-.001407	.012150	.0222977	.4016973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6894251	1.957281	-.006916	-.000959	.9837460	1.974511	.0189098
Stddev	.0485476	.000861	.000434	.000090	.0043117	.021569	.0008395
%RSD	7.041745	.0439828	6.268438	9.431356	.4382891	1.092365	4.439736
#1	.6578224	1.956375	-.006842	-.001058	.9801139	1.949656	.0180577
#2	.6651288	1.958088	-.006524	-.000940	.9826130	1.988312	.0189355
#3	.7453240	1.957381	-.007381	-.000880	.9885110	1.985565	.0197362

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-05LX5 Acquired: 12/16/2024 6:09:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1800783	.0412763	.0462649
Stddev	.0059706	.0006959	.0075990
%RSD	3.315579	1.686087	16.42501
#1	.1732165	.0408682	.0407724
#2	.1840880	.0408807	.0430849
#3	.1829305	.0420798	.0549373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.277	29684.87	2724.400	2031.592	3160.293
Stddev	6.925	259.24	27.545	25.225	8.096
%RSD	.2875685	.8733024	1.011039	1.241637	.2561670
#1	2416.230	29493.98	2753.084	2013.804	3169.580
#2	2403.580	29980.00	2721.960	2060.460	3154.727
#3	2405.020	29580.63	2698.157	2020.510	3156.572

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-07 Acquired: 12/16/2024 6:13:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1695245**	**.1260526**	**3.160986**	**.1348013**	**.1790349**	**61.26815**
Stddev	.0020741	.0019788	.010027	.0025161	.0012297	.83932
%RSD	1.223493	1.569835	.3172190	1.866498	.6868510	1.369908
#1	.1718155	.1283273	3.162239	.1319601	.1787627	61.61144
#2	.1689836	.1251023	3.150391	.1356966	.1803779	60.31160
#3	.1677744	.1247281	3.170328	.1367473	.1779641	61.88139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.326939**	**.0974846**	**.1075656**	**261.8325**	**.5296114**	**1.260855**
Stddev	.075384	.0012325	.0006485	3.6222	.0013928	.003449
%RSD	1.415141	1.264255	.6028714	1.383399	.2629906	.2735668
#1	5.357112	.0971396	.1073443	263.2612	.5296772	1.259288
#2	5.241143	.0964613	.1070568	257.7139	.5309702	1.258467
#3	5.382563	.0988527	.1082958	264.5225	.5281869	1.264809

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7478521**	**134.6171**	**9.306257**	**52.47338**	**1.253495**	**.0643473**
Stddev	.0128148	2.1784	.128582	.66366	.003545	.0007458
%RSD	1.713541	1.618222	1.381672	1.264756	.2827877	1.159027
#1	.7531870	135.4329	9.349680	52.47845	1.254457	.0642410
#2	.7332317	132.1486	9.161585	51.80720	1.249569	.0636603
#3	.7571375	136.2700	9.407505	53.13450	1.256460	.0651405

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3765978**	**1.063684**	**2.646382**	**8.731715**	F **10.11625**	**-.006475**
Stddev	.9680340	.016324	.016420	.209459	.03167	.000301
%RSD	257.0471	1.534657	.6204530	2.398836	.3131056	4.649610
#1	.4923749	1.057242	2.650552	8.800652	10.10698	-.006575
#2	-.644118	1.051564	2.660315	8.496475	10.09024	-.006715
#3	1.281537	1.082246	2.628280	8.898018	10.15152	-.006137

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-07 Acquired: 12/16/2024 6:13:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023474	5.189855	8.742660	.1006284	.8380886	.1891659
Stddev	.0005050	.010071	.107533	.0013640	.0127620	.0025808
%RSD	21.51112	.1940523	1.229977	1.355475	1.522746	1.364311
#1	.0020065	5.190120	8.730660	.0990715	.8337468	.1900488
#2	.0021082	5.179654	8.641631	.1016129	.8280641	.1862596
#3	.0029276	5.199791	8.855689	.1012009	.8524550	.1911895

Elem	Li6707
Units	ppm
Avg	.1280950
Stddev	.0021950
%RSD	1.713562
#1	.1306096
#2	.1271131
#3	.1265624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2524.200	31024.29	2952.197	2113.728	2925.409
Stddev	5.260	104.55	26.043	10.329	5.092
%RSD	.2083751	.3369833	.8821509	.4886620	.1740775
#1	2529.450	31075.93	2958.152	2120.683	2922.977
#2	2524.221	30903.97	2974.747	2101.860	2931.262
#3	2518.930	31092.97	2923.693	2118.643	2921.989

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV037 Acquired: 12/16/2024 6:24:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.736905**	**4.698136**	**23.28461**	**4.789453**	**4.757163**	**390.1955**
Stddev	.023756	.019944	.04591	.009142	.018072	.3695
%RSD	.5014998	.4245068	.1971529	.1908826	.3798945	.0946988
#1	4.722914	4.712905	23.33368	4.796041	4.777410	390.4559
#2	4.723468	4.706053	23.24271	4.779015	4.742662	389.7726
#3	4.764334	4.675449	23.27744	4.793302	4.751419	390.3579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.592210**	**.5005651**	**2.525709**	**403.0623**	**14.87983**	**2.653490**
Stddev	.014273	.0020575	.005715	.4498	.12955	.003897
%RSD	.1487974	.4110355	.2262631	.1115993	.8706653	.1468531
#1	9.603505	.5028235	2.532184	403.1349	14.77625	2.657897
#2	9.596958	.5000747	2.521371	402.5806	14.83814	2.650502
#3	9.576169	.4987971	2.523571	403.4715	15.02510	2.652070

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.40566**	**394.4916**	**14.06254**	**400.0162**	**2.434404**	**1.208376**
Stddev	.04389	.2532	.02775	.7603	.005464	.008260
%RSD	.3046953	.0641796	.1973429	.1900759	.2244666	.6835690
#1	14.40479	394.7583	14.07014	400.8284	2.440712	1.203063
#2	14.44998	394.4619	14.08570	399.8989	2.431357	1.204173
#3	14.36220	394.2545	14.03178	399.3214	2.431143	1.217892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**404.9385**	**2.491887**	**14.53960**	**162.8259**	**4.667104**	**4.689873**
Stddev	1.0088	.014884	.19444	.1470	.008447	.049014
%RSD	.2491172	.5972954	1.337279	.0902634	.1809934	1.045106
#1	406.0892	2.493586	14.35541	162.9895	4.672520	4.746169
#2	404.5193	2.505849	14.52051	162.7049	4.657370	4.666778
#3	404.2069	2.476227	14.74288	162.7834	4.671421	4.656674

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV037 Acquired: 12/16/2024 6:24:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.453825	4.787317	4.652701	4.681682	4.649155	F 4.484284
Stddev	.007837	.018631	.029400	.009210	.011862	.009686
%RSD	.1759609	.3891729	.6318853	.1967186	.2551525	.2159925
#1	4.462462	4.808286	4.686454	4.689393	4.653142	4.494116
#2	4.447168	4.772667	4.638971	4.671484	4.658510	4.483985
#3	4.451846	4.780998	4.632678	4.684168	4.635813	4.474752

Elem	Li6707
Units	ppm
Avg	5.062459
Stddev	.027141
%RSD	.5361260
#1	5.052454
#2	5.093183
#3	5.041742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.901	25474.49	2506.950	1615.004	2510.786
Stddev	7.137	278.30	6.305	20.669	9.226
%RSD	.3701828	1.092454	.2515090	1.279797	.3674364
#1	1920.733	25761.14	2508.453	1636.145	2502.845
#2	1927.963	25456.98	2500.029	1614.026	2508.608
#3	1935.006	25205.37	2512.368	1594.842	2520.906

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB037 Acquired: 12/16/2024 6:27:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000621**	**-.000972**	**.0035844**	**-.003921**	**.0009829**	**-.018666**
Stddev	.003187	.001768	.0006833	.003461	.0025611	.010567
%RSD	513.0854	181.8485	19.06411	88.26921	260.5727	56.61222
#1	-.003959	-.001206	.0038953	-.001942	.0008531	-.026655
#2	-.000293	-.002611	.0028009	-.007918	.0036065	-.006684
#3	.002389	.000901	.0040570	-.001904	-.001511	-.022660

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000144**	**-.000036**	**.0000924**	**-.013379**	**.0006418**	**-.000145**
Stddev	.000730	.000084	.0000906	.028636	.0004565	.000243
%RSD	506.4118	236.2659	98.11126	214.0417	71.12214	167.2751
#1	-.000947	-.000060	.0000534	-.046005	.0005688	-.000276
#2	.000481	-.000105	.0001959	.007593	.0011304	.000135
#3	.000033	.000058	.0000277	-.001725	.0002263	-.000295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012855**	**.0032259**	**.0030713**	**.0464447**	**.0001399**	**-.000357**
Stddev	.003887	.0303405	.0018102	.0164334	.0001445	.000820
%RSD	30.24011	940.5147	58.93853	35.38285	103.2810	229.4894
#1	-.010227	.0382159	.0048691	.0511946	.0000549	-.001119
#2	-.017320	-.012745	.0012490	.0599800	.0003069	-.000464
#3	-.011017	-.015793	.0030958	.0281594	.0000581	.000511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-1.14606**	**-.007574**	**-.004518**	**-1.32473**	**.0027996**	**.0123132**
Stddev	.58929	.005205	.006454	.16568	.0014086	.0018163
%RSD	51.41886	68.72324	142.8559	12.50692	50.31642	14.75082
#1	-.48461	-.012481	-.006219	-1.38309	.0011743	.0104396
#2	-1.61510	-.002114	.002616	-1.45333	.0036691	.0140662
#3	-1.33848	-.008128	-.009951	-1.13776	.0035552	.0124339

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB037 Acquired: 12/16/2024 6:27:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005703	-.010728	.0019691	.0012963	-.002086	.0000620
Stddev	.0001500	.002894	.0007189	.0011023	.002208	.0000569
%RSD	26.30723	26.97564	36.50782	85.03266	105.8459	91.81497
#1	.0007110	-.012480	.0012065	.0023893	-.004572	.0001210
#2	.0005873	-.007388	.0020665	.0013148	-.000353	.0000075
#3	.0004125	-.012317	.0026342	.0001849	-.001333	.0000573

Elem	Li6707
Units	ppm
Avg	F .0402024
Stddev	.0020335
%RSD	5.058263
#1	.0422979
#2	.0400723
#3	.0382371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.162	28853.15	2604.737	1966.508	3341.412
Stddev	14.319	346.13	14.979	22.736	22.329
%RSD	.5916714	1.199644	.5750662	1.156138	.6682620
#1	2404.057	28810.27	2618.062	1960.540	3315.639
#2	2431.456	28530.46	2607.624	1947.351	3354.942
#3	2424.973	29218.73	2588.524	1991.632	3353.655

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-08 Acquired: 12/16/2024 6:31:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0980382	.0323024	2.776122	-.030356	.0151018	56.40167
Stddev	.0011247	.0019241	.007562	.003826	.0034050	1.57759
%RSD	1.147171	5.956585	.2724008	12.60461	22.54686	2.797070
#1	.0993122	.0304470	2.779542	-.028770	.0190285	55.76115
#2	.0971831	.0342886	2.781371	-.027577	.0133108	55.24507
#3	.0976194	.0321716	2.767454	-.034720	.0129661	58.19878

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628327	.0058189	.0100333	380.1853	.1539225	.1240242
Stddev	.047122	.0001883	.0000072	10.6587	.0006455	.0003859
%RSD	2.893877	3.236677	.0712762	2.803563	.4193877	.3111292
#1	1.610192	.0056882	.0100254	376.3066	.1532921	.1237436
#2	1.592967	.0057338	.0100394	372.0090	.1545822	.1244642
#3	1.681822	.0060348	.0100352	392.2402	.1538932	.1238648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3334024	144.7035	9.656718	63.86673	.2340735	-.009462
Stddev	.0070682	3.6806	.261434	1.77683	.0012261	.000385
%RSD	2.120029	2.543548	2.707278	2.782096	.5238050	4.066086
#1	.3292633	143.0890	9.549327	63.30398	.2351543	-.009861
#2	.3293801	142.1061	9.466081	62.43942	.2343250	-.009093
#3	.3415638	148.9154	9.954746	65.85680	.2327412	-.009431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2546152	.1360029	2.135603	7.054739	F 10.76840	.0040734
Stddev	.4307653	.0035529	.009764	.326743	.02470	.0036747
%RSD	169.1829	2.612397	.4571811	4.631537	.2293785	90.21112
#1	.6018243	.1332033	2.138129	6.969505	10.76452	.0063842
#2	.3894635	.1348056	2.124824	6.779060	10.79482	.0060000
#3	-.227442	.1399999	2.143855	7.415652	10.74588	-.000164

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-08 Acquired: 12/16/2024 6:31:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK98 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019847	4.301533	7.332679	.0875242	.7974668	.2647448
Stddev	.0002821	.018865	.221434	.0017859	.0261269	.0070034
%RSD	14.21305	.4385672	3.019821	2.040431	3.276231	2.645341
#1	.0023056	4.313433	7.236446	.0855628	.7897032	.2618198
#2	.0018723	4.311385	7.175644	.0890562	.7761016	.2596781
#3	.0017761	4.279782	7.585948	.0879536	.8265955	.2727366

Elem	Li6707
Units	ppm
Avg	.1471975
Stddev	.0092188
%RSD	6.262894
#1	.1431718
#2	.1406761
#3	.1577445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.740	31859.90	2979.631	2176.613	2916.551
Stddev	8.253	203.00	76.149	9.776	8.408
%RSD	.3178223	.6371510	2.555642	.4491512	.2882930
#1	2588.805	31634.06	2996.642	2166.018	2909.420
#2	2596.137	31918.45	3045.836	2178.538	2914.409
#3	2605.278	32027.18	2896.416	2185.284	2925.823

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-09 Acquired: 12/16/2024 6:35:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905807	.0373393	1.193559	-.039523	.0137438	51.56185
Stddev	.0056271	.0041314	.002727	.001780	.0016278	.08136
%RSD	6.212298	11.06443	.2284797	4.503796	11.84422	.1577928
#1	.0934924	.0336410	1.192504	-.037468	.0129519	51.50657
#2	.0840943	.0365789	1.191517	-.040595	.0126634	51.65528
#3	.0941553	.0417981	1.196656	-.040505	.0156161	51.52371

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8908652	.0050155	.0066926	719.5336	.0982241	.1374985
Stddev	.0009984	.0000280	.0001034	1.1298	.0029428	.0006010
%RSD	.1120735	.5583182	1.545670	.1570160	2.996020	.4370722
#1	.8897958	.0049873	.0067413	719.8249	.0959609	.1377204
#2	.8910269	.0050159	.0065738	720.4892	.1015509	.1379570
#3	.8917729	.0050433	.0067626	718.2866	.0971606	.1368182

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2950050	130.3691	7.831575	125.5383	.1877824	-.012104
Stddev	.0089884	.2738	.018162	.2928	.0007472	.000887
%RSD	3.046848	.2100507	.2319088	.2332059	.3979008	7.329507
#1	.2846955	130.1897	7.817123	125.4131	.1884772	-.012157
#2	.2991227	130.6843	7.851962	125.8729	.1878780	-.012963
#3	.3011969	130.2333	7.825638	125.3290	.1869920	-.011191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6098465	.1057056	1.036446	6.509921	F 21.07058	.0091719
Stddev	.3186490	.0014132	.026523	.013276	.00463	.0005968
%RSD	52.25068	1.336943	2.559054	.2039273	.0219631	6.507116
#1	.9644563	.1046421	1.005822	6.495566	21.06863	.0097292
#2	.5175483	.1073092	1.051411	6.512442	21.07587	.0085422
#3	.3475350	.1051656	1.052104	6.521755	21.06725	.0092444

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-09 Acquired: 12/16/2024 6:35:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK99 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000262	3.617352	5.641898	.0498135	.6684932	.5944821
Stddev	.000717	.007292	.055171	.0010969	.0027819	.0006911
%RSD	273.8239	.2015859	.9778834	2.202012	.4161491	.1162600
#1	.000451	3.608932	5.669110	.0506711	.6678601	.5949062
#2	-.000983	3.621570	5.678178	.0485775	.6715371	.5936845
#3	-.000253	3.621555	5.578408	.0501921	.6660824	.5948554

Elem	Li6707
Units	ppm
Avg	.1735961
Stddev	.0062218
%RSD	3.584092
#1	.1801484
#2	.1677681
#3	.1728718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.673	32411.41	3148.005	2206.085	2683.217
Stddev	4.225	518.95	18.220	32.175	4.901
%RSD	.1595868	1.601129	.5787741	1.458468	.1826574
#1	2643.905	32881.27	3129.231	2234.417	2681.024
#2	2646.871	31854.40	3149.168	2171.105	2679.795
#3	2652.241	32498.55	3165.615	2212.732	2688.831

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-10 Acquired: 12/16/2024 6:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1019236**	**.0404163**	**1.457663**	**-.040793**	**.0160729**	**60.59062**	**1.366988**
Stddev	.0031475	.0032124	.002094	.002510	.0022910	.25643	.006587
%RSD	3.088074	7.948250	.1436252	6.152967	14.25350	.4232183	.4818546
#1	.1055507	.0376375	1.457245	-.043621	.0164048	60.47568	1.363019
#2	.0999112	.0396777	1.455810	-.039929	.0136341	60.41177	1.363354
#3	.1003089	.0439336	1.459934	-.038829	.0181798	60.88441	1.374592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0060065**	**.0082580**	**786.8693**	**.1118157**	**.1591131**	**.3397408**	**157.2927**
Stddev	.0000279	.0001720	2.5282	.0022952	.0010253	.0118055	.5248
%RSD	.4644014	2.082272	.3212973	2.052693	.6443911	3.474852	.3336421
#1	.0060024	.0080630	785.5238	.1142563	.1598375	.3303584	156.7837
#2	.0060362	.0083230	785.2985	.1097005	.1595619	.3358676	157.2624
#3	.0059808	.0083879	789.7857	.1114904	.1579399	.3529963	157.8320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.78525**	**99.76384**	**.2149277**	**-.012081**	**-.406851**	**.1241419**	**1.114990**
Stddev	.04513	.28204	.0006677	.001677	.552739	.0066104	.019542
%RSD	.3829057	.2827089	.3106732	13.88369	135.8579	5.324841	1.752646
#1	11.76550	99.77108	.2151804	-.013627	-.600707	.1256660	1.137384
#2	11.75338	99.47826	.2154322	-.010298	.216704	.1298572	1.101393
#3	11.83689	100.0422	.2141705	-.012318	-.836550	.1169027	1.106194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.69473**	**7.882737**	**-.003101**	**.0006474**	**3.056754**	**7.911010**	**.0722156**
Stddev	.21992	.006974	.007136	.0004338	.006144	.097778	.0019353
%RSD	2.056336	.0884713	230.1163	66.99618	.2009946	1.235971	2.679938
#1	10.45748	7.888682	-.007366	.0003724	3.059327	8.000844	.0714447
#2	10.73495	7.875060	.005137	.0011475	3.049742	7.806866	.0707845
#3	10.89177	7.884469	-.007075	.0004225	3.061193	7.925319	.0744176

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-10 Acquired: 12/16/2024 6:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6889148	.6145746	.1999080
Stddev	.0058615	.0029719	.0033967
%RSD	.8508297	.4835747	1.699143
#1	.6935203	.6133316	.2038214
#2	.6823168	.6124260	.1981790
#3	.6909073	.6179662	.1977236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.084	31220.10	3065.615	2134.296	2684.901
Stddev	6.675	655.67	25.274	46.951	8.941
%RSD	.2623902	2.100151	.8244404	2.199845	.3330115
#1	2536.434	30503.05	3056.184	2083.059	2674.657
#2	2548.723	31789.05	3094.249	2175.260	2688.913
#3	2547.096	31368.19	3046.412	2144.569	2691.133

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-11 Acquired: 12/16/2024 6:43:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0877324	.0383871	.6331568	-.042125	.0113732	52.50332
Stddev	.0002877	.0031801	.0014567	.005307	.0036284	.26159
%RSD	.3279459	8.284306	.2300746	12.59763	31.90315	.4982351
#1	.0880510	.0388952	.6328070	-.041596	.0091373	52.32286
#2	.0874914	.0349836	.6319067	-.047677	.0094226	52.38378
#3	.0876548	.0412826	.6347565	-.037103	.0155596	52.80332

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9051523	.0051796	.0060730	751.9205	.0851893	.1423661
Stddev	.0031264	.0001657	.0000225	2.6914	.0001733	.0005393
%RSD	.3454054	3.199705	.3699444	.3579369	.2034624	.3787848
#1	.9037542	.0051157	.0060479	751.0730	.0850299	.1421397
#2	.9029688	.0053678	.0060914	749.7549	.0853738	.1429817
#3	.9087338	.0050554	.0060796	754.9337	.0851642	.1419770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2997441	133.5801	9.945470	126.7880	.1732389	-.009764
Stddev	.0007101	.5463	.053846	.6338	.0010806	.001101
%RSD	.2369168	.4089856	.5414110	.4998826	.6237842	11.27232
#1	.3002746	133.1542	9.906113	126.1875	.1736724	-.010228
#2	.3000204	133.3901	9.923463	126.7261	.1740355	-.008508
#3	.2989374	134.1961	10.00683	127.4505	.1720088	-.010557

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3739034	.1074544	.6348150	8.963709	F 16.80601	.0013963
Stddev	.3708172	.0042016	.0052175	.155665	.03341	.0020581
%RSD	99.17461	3.910085	.8218994	1.736619	.1988233	147.3952
#1	.8007932	.1074659	.6405303	9.090139	16.84439	.0013416
#2	.1316616	.1116502	.6336078	8.789845	16.78343	-.000634
#3	.1892554	.1032471	.6303068	9.011143	16.79019	.003481

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-11 Acquired: 12/16/2024 6:43:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001021	2.244086	7.993112	.0385730	.6097738	.6140471
Stddev	.000936	.004326	.018604	.0024335	.0088834	.0020372
%RSD	91.62187	.1927947	.2327479	6.308867	1.456834	.3317688
#1	-.000888	2.246450	7.977062	.0361146	.6038428	.6129566
#2	-.000160	2.239093	8.013502	.0386235	.6054913	.6127873
#3	-.002017	2.246716	7.988771	.0409809	.6199872	.6163975

Elem	Li6707
Units	ppm
Avg	.1800223
Stddev	.0021902
%RSD	1.216655
#1	.1775631
#2	.1807406
#3	.1817632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.310	31731.82	3081.239	2163.001	2678.914
Stddev	11.099	57.66	6.159	12.725	7.567
%RSD	.4291379	.1817105	.1998833	.5882992	.2824836
#1	2574.472	31709.51	3087.572	2152.507	2670.299
#2	2587.975	31797.30	3080.876	2177.154	2681.958
#3	2596.482	31688.65	3075.270	2159.341	2684.487

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-12 Acquired: 12/16/2024 6:47:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1136829**	**.0409007**	**.6082595**	**-.038603**	**.0205660**	**72.33592**
Stddev	.0015456	.0041569	.0017516	.002219	.0039734	2.03608
%RSD	1.359585	10.16331	.2879647	5.748905	19.32032	2.814754
#1	.1124424	.0452193	.6097294	-.037929	.0164191	70.76299
#2	.1154144	.0369270	.6063214	-.036800	.0209394	74.63567
#3	.1131920	.0405558	.6087276	-.041082	.0243395	71.60910

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.025662**	**.0067279**	**.0069546**	F **899.2568**	**.1229508**	**.1633764**
Stddev	.028725	.0000574	.0003865	24.9603	.0091357	.0012311
%RSD	2.800637	.8525624	5.557996	2.775655	7.430405	.7535610
#1	1.003467	.0066629	.0069468	882.1071	.1250301	.1625420
#2	1.058106	.0067716	.0065720	927.8923	.1129547	.1627968
#3	1.015414	.0067491	.0073450	887.7709	.1308677	.1647903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.313994**	**183.1725**	**11.58828**	**143.4912**	**.2203453**	**-.012106**
Stddev	.300334	5.2333	.34277	4.4531	.0022393	.001601
%RSD	3.224550	2.857048	2.957894	3.103401	1.016250	13.22310
#1	9.060237	178.9575	11.31660	140.2612	.2183576	-.012438
#2	9.645583	189.0300	11.97339	148.5711	.2199071	-.010366
#3	9.236164	181.5298	11.47486	141.6412	.2227713	-.013515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6075200**	**.1424609**	**2.576578**	**15.13929**	**7.001086**	**-.008721**
Stddev	.4645041	.0068853	.073375	.73207	.064586	.009235
%RSD	76.45906	4.833106	2.847783	4.835559	.9225144	105.8953
#1	.6006103	.1353364	2.576543	14.60545	6.963116	-.008130
#2	1.075441	.1490790	2.503220	15.97382	6.964483	.000204
#3	.146509	.1429673	2.649970	14.83859	7.075660	-.018238

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-12 Acquired: 12/16/2024 6:47:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001398	2.517978	8.771220	.0620658	.7461092	.6760203
Stddev	.000110	.026404	.108696	.0028187	.0151936	.0203580
%RSD	7.854039	1.048599	1.239231	4.541461	2.036375	3.011445
#1	-.001416	2.501560	8.646111	.0610476	.7369440	.6598465
#2	-.001498	2.503938	8.825079	.0598977	.7636473	.6988806
#3	-.001280	2.548435	8.842469	.0652521	.7377363	.6693339

Elem	Li6707
Units	ppm
Avg	.2330107
Stddev	.0085488
%RSD	3.668858
#1	.2334053
#2	.2413554
#3	.2242714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.062	31860.18	3033.450	2164.412	2672.804
Stddev	15.298	1190.47	50.965	81.421	17.033
%RSD	.5973285	3.736561	1.680103	3.761811	.6372805
#1	2554.725	31452.51	3071.157	2135.445	2676.386
#2	2578.511	33200.93	2975.468	2256.356	2687.761
#3	2549.951	30927.09	3053.727	2101.436	2654.264

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-13 Acquired: 12/16/2024 6:50:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0423458**	**.0363742**	**.1957429**	**-.052426**	**.0042490**	**47.51836**
Stddev	.0031948	.0020461	.0012144	.004913	.0016555	.54726
%RSD	7.544422	5.625166	.6204306	9.371819	38.96182	1.151685
#1	.0392405	.0377629	.1943437	-.052531	.0057440	46.88973
#2	.0456231	.0373351	.1963614	-.047461	.0024699	47.88848
#3	.0421739	.0340245	.1965236	-.057285	.0045331	47.77687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6325680**	**.0050344**	**.0030157**	F **1072.422**	**.0855532**	**.1188360**
Stddev	.0056847	.0001273	.0000326	10.218	.0003938	.0007347
%RSD	.8986725	2.528982	1.079882	.9528433	.4603418	.6182166
#1	.6260048	.0048874	.0029785	1060.717	.0859002	.1180068
#2	.6357544	.0051049	.0030388	1079.564	.0856344	.1194059
#3	.6359449	.0051107	.0030298	1076.984	.0851251	.1190951

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2562585**	**110.3813**	**5.481179**	**99.78489**	**.1412530**	**-.007198**
Stddev	.0094398	1.3913	.070853	1.31549	.0003260	.000254
%RSD	3.683684	1.260406	1.292662	1.318327	.2308144	3.522511
#1	.2488660	108.7752	5.399600	98.26744	.1414977	-.007127
#2	.2530176	111.2157	5.527333	100.4842	.1413785	-.006987
#3	.2668917	111.1529	5.516606	100.6030	.1408829	-.007479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.044469**	**.0774179**	**.4228903**	**14.36591**	**3.476524**	**.0452683**
Stddev	.890886	.0055096	.0154698	.31141	.007979	.0018464
%RSD	2003.368	7.116663	3.658118	2.167705	.2295123	4.078708
#1	-1.04638	.0831036	.4050299	14.02208	3.467560	.0452707
#2	.25449	.0770471	.4315536	14.44665	3.479163	.0434208
#3	.65848	.0721032	.4320873	14.62900	3.482849	.0471135

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-13 Acquired: 12/16/2024 6:50:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003395	2.409015	7.056049	.0190644	.2299684	.8510578
Stddev	.000453	.001723	.099808	.0022327	.0029940	.0102875
%RSD	13.33365	.0715157	1.414505	11.71134	1.301917	1.208786
#1	-.003514	2.408689	6.955155	.0209641	.2268819	.8391989
#2	-.003776	2.407478	7.058256	.0166051	.2301629	.8563901
#3	-.002895	2.410877	7.154735	.0196241	.2328604	.8575845

Elem	Li6707
Units	ppm
Avg	.1975970
Stddev	.0041101
%RSD	2.080058
#1	.2023419
#2	.1951356
#3	.1953136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.216	29979.37	2919.023	2043.170	2643.070
Stddev	8.334	257.98	43.516	12.430	9.507
%RSD	.3432047	.8605107	1.490767	.6083771	.3596959
#1	2431.122	30103.94	2969.103	2045.983	2648.858
#2	2434.709	29682.74	2890.433	2029.574	2648.254
#3	2418.819	30151.41	2897.532	2053.952	2632.098

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-14 Acquired: 12/16/2024 6:54:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1095384**	**.0222180**	**2.481951**	**-.012116**	**.0191703**	**50.84897**	**.8739423**
Stddev	.0036433	.0012766	.009533	.005708	.0012693	.20911	.0070732
%RSD	3.326027	5.745616	.3840859	47.11141	6.621346	.4112338	.8093497
#1	.1082253	.0208104	2.487925	-.011133	.0197423	50.83718	.8715595
#2	.1067337	.0233009	2.470957	-.018252	.0200530	51.06373	.8818992
#3	.1136562	.0225426	2.486970	-.006963	.0177156	50.64601	.8683681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048189**	**.0060576**	**66.37135**	**.1315699**	**.1074374**	**.3002162**	**119.6730**
Stddev	.0001089	.0001295	.07112	.0014792	.0006475	.0074597	.4997
%RSD	2.258805	2.137733	.1071539	1.124233	.6026875	2.484770	.4175574
#1	.0049387	.0060634	66.35175	.1303936	.1075232	.2916657	119.3077
#2	.0047919	.0059253	66.45021	.1310856	.1067513	.3053934	120.2424
#3	.0047261	.0061841	66.31208	.1332305	.1080378	.3035895	119.4689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.73415**	**24.52936**	**.1775271**	**-.005804**	**.3336342**	**.1136325**	**.8461699**
Stddev	.06040	.03429	.0006733	.000702	.1388330	.0041156	.0109798
%RSD	.5627357	.1397955	.3792554	12.09786	41.61233	3.621858	1.297584
#1	10.70145	24.53471	.1773972	-.006490	.4739269	.1140323	.8341128
#2	10.80385	24.56066	.1769283	-.005836	.3306673	.1175337	.8555933
#3	10.69714	24.49270	.1782559	-.005087	.1963085	.1093316	.8488037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.683024**	**8.276867**	**-.002589**	**.0045111**	**4.842473**	**7.488312**	**.0746602**
Stddev	.073256	.033884	.002149	.0001005	.019272	.108344	.0010522
%RSD	.9534753	.4093810	82.99329	2.228063	.3979695	1.446841	1.409254
#1	7.754157	8.302993	-.004931	.0044016	4.849331	7.608592	.0738520
#2	7.607815	8.238581	-.002127	.0045991	4.820710	7.457969	.0742787
#3	7.687101	8.289026	-.000709	.0045324	4.857377	7.398374	.0758499

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-14 Acquired: 12/16/2024 6:54:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8405632	.0152370	.0799755
Stddev	.0042155	.0003014	.0032203
%RSD	.5015138	1.978120	4.026626
#1	.8441945	.0150305	.0832427
#2	.8415550	.0155829	.0798795
#3	.8359402	.0150976	.0768043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.500	33091.73	3033.026	2247.889	3091.914
Stddev	4.104	257.98	20.132	31.125	8.087
%RSD	.1572054	.7796021	.6637680	1.384635	.2615639
#1	2609.351	33368.16	3015.422	2283.234	3083.660
#2	2607.094	33049.67	3028.680	2235.857	3092.259
#3	2615.057	32857.36	3054.977	2224.575	3099.824

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-15 Acquired: 12/16/2024 6:58:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322276	.0212477	2.753110	-.005437	.0267928	64.16549	.8410455
Stddev	.0017020	.0002816	.012599	.005564	.0015335	.23725	.0042315
%RSD	1.287169	1.325527	.4576152	102.3408	5.723518	.3697548	.5031186
#1	.1325867	.0213696	2.744058	-.001895	.0282514	64.39849	.8459155
#2	.1303747	.0209257	2.747773	-.002566	.0269329	63.92419	.8382676
#3	.1337214	.0214479	2.767499	-.011849	.0251941	64.17380	.8389534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063052	.0072567	86.54707	.1357553	.1231513	.3444138	164.9590
Stddev	.0001435	.0001783	.15091	.0013238	.0005592	.0076776	.7234
%RSD	2.275531	2.456346	.1743718	.9751730	.4541034	2.229185	.4385402
#1	.0062660	.0072502	86.64736	.1342266	.1225109	.3490903	165.5284
#2	.0064642	.0070818	86.37351	.1365170	.1235431	.3485980	164.1450
#3	.0061854	.0074381	86.62034	.1365222	.1234001	.3355530	165.2035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.05368	27.96269	.2152158	-.010632	.6489595	.1624620	.9322210
Stddev	.03074	.06180	.0003911	.000511	.2939977	.0042015	.0141485
%RSD	.2550588	.2210024	.1817254	4.802120	45.30293	2.586146	1.517723
#1	12.08465	27.92539	.2150501	-.011219	.6652820	.1639453	.9189389
#2	12.02316	28.03402	.2149348	-.010288	.3471405	.1657207	.9306236
#3	12.05322	27.92866	.2156625	-.010390	.9344558	.1577200	.9471004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00477	9.015009	-.008444	.0061323	5.818086	6.537523	.0836853
Stddev	.12997	.034573	.002341	.0002842	.026613	.031072	.0017937
%RSD	1.299117	.3835033	27.72650	4.634926	.4574114	.4752876	2.143401
#1	10.14202	8.978722	-.006175	.0061329	5.796419	6.548378	.0816146
#2	9.88357	9.018740	-.008306	.0064162	5.810047	6.561712	.0847599
#3	9.98871	9.047565	-.010851	.0058477	5.847791	6.502480	.0846814

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-15 Acquired: 12/16/2024 6:58:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6500701	-.000411	.1004562
Stddev	.0023216	.000441	.0028532
%RSD	.3571319	107.3579	2.840283
#1	.6508399	-.000900	.0975373
#2	.6519090	-.000045	.1032389
#3	.6474614	-.000287	.1005924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.865	32860.36	3031.515	2244.468	3138.907
Stddev	1.729	323.16	17.526	15.801	5.199
%RSD	.0646098	.9834368	.5781423	.7039849	.1656192
#1	2676.430	33218.36	3050.315	2262.712	3143.987
#2	2677.241	32590.20	3015.628	2235.569	3139.137
#3	2673.924	32772.53	3028.601	2235.125	3133.598

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-16 Acquired: 12/16/2024 7:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1965633**	**.0312394**	**4.490311**	**-.004712**	**.0272111**	**64.40140**
Stddev	.0039302	.0025257	.041113	.004247	.0016282	.03272
%RSD	1.999455	8.085082	.9156037	90.12823	5.983729	.0508046
#1	.2004723	.0332398	4.512701	.000155	.0267179	64.39645
#2	.1926123	.0320772	4.442862	-.007665	.0258864	64.37143
#3	.1966051	.0284012	4.515370	-.006625	.0290288	64.43631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.051281**	**.0068675**	**.0088776**	**91.81536**	**.1343316**	**.1502416**
Stddev	.001406	.0001439	.0002245	.06357	.0009981	.0014729
%RSD	.1337042	2.095755	2.528340	.0692360	.7429884	.9803504
#1	1.050321	.0069167	.0088925	91.74196	.1354757	.1508798
#2	1.050627	.0069803	.0086460	91.85274	.1338799	.1485573
#3	1.052894	.0067054	.0090942	91.85138	.1336392	.1512878

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9360564**	**165.4112**	**15.56713**	**29.89922**	**.2499840**	**-.007896**
Stddev	.0015205	.2140	.01548	.13060	.0031194	.000665
%RSD	.1624310	.1293612	.0994116	.4367861	1.247828	8.424111
#1	.9349476	165.1788	15.56000	30.04850	.2515973	-.008261
#2	.9377897	165.6001	15.55650	29.80608	.2463883	-.007128
#3	.9354320	165.4547	15.58488	29.84308	.2519663	-.008298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3430139**	**.1540569**	**1.104164**	**10.08764**	F **13.34977**	**-.022734**
Stddev	.6037789	.0069264	.014311	.11166	.12272	.003298
%RSD	176.0217	4.496020	1.296137	1.106891	.9192632	14.50865
#1	-.274278	.1462675	1.088367	9.99736	13.42533	-.025240
#2	.371013	.1563804	1.107857	10.21249	13.20817	-.018997
#3	.932306	.1595229	1.116266	10.05306	13.41580	-.023966

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-16 Acquired: 12/16/2024 7:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065174**	**4.380171**	**8.436367**	**.1227473**	**1.048681**	**-.005177**
Stddev	.0003857	.049632	.062744	.0003539	.002144	.000574
%RSD	5.918501	1.133096	.7437364	.2882979	.2044448	11.07935
#1	.0062729	4.416662	8.508586	.1228729	1.048933	-.005011
#2	.0063171	4.323656	8.405271	.1223478	1.046423	-.005815
#3	.0069620	4.400195	8.395243	.1230213	1.050689	-.004704

Elem	Li6707
Units	ppm
Avg	**.1019453**
Stddev	.0036396
%RSD	3.570154
#1	.0983286
#2	.1056074
#3	.1019001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2707.830**	**33140.06**	**3083.275**	**2260.119**	**3042.115**
Stddev	20.904	50.49	16.153	6.712	30.625
%RSD	.7719880	.1523677	.5239010	.2969966	1.006688
#1	2700.240	33157.07	3065.101	2267.231	3027.163
#2	2731.469	33083.26	3088.723	2253.895	3077.343
#3	2691.782	33179.86	3095.999	2259.231	3021.839

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-17 Acquired: 12/16/2024 7:06:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1224545	.0303651	2.239821	.0045895	.0299410	78.42657	1.051124
Stddev	.0014079	.0046583	.036983	.0030998	.0012927	.23707	.001954
%RSD	1.149717	15.34092	1.651140	67.54260	4.317321	.3022826	.1858612
#1	.1233970	.0314857	2.259383	.0017539	.0305626	78.44095	1.052089
#2	.1231302	.0343609	2.197166	.0078990	.0308054	78.18264	1.048875
#3	.1208361	.0252487	2.262914	.0041155	.0284549	78.65613	1.052407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063806	.0072452	61.13888	.1036481	.1552440	.3044969	175.3029
Stddev	.0001194	.0001246	.15143	.0011486	.0027934	.0015536	.2141
%RSD	1.871590	1.720133	.2476787	1.108152	1.799351	.5102093	.1221463
#1	.0064026	.0073300	60.98285	.1045854	.1557173	.3038390	175.0767
#2	.0062517	.0071021	61.14854	.1023668	.1522442	.3033805	175.3295
#3	.0064875	.0073035	61.28524	.1039920	.1577705	.3062711	175.5025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12573	18.83381	.1551229	-.009561	.3567297	.1368805	.5440964
Stddev	.03612	.07637	.0024769	.000540	.7065890	.0069097	.0148892
%RSD	.1794553	.4054688	1.596718	5.646337	198.0741	5.047949	2.736505
#1	20.09617	18.87185	.1565997	-.009787	-.258987	.1415858	.5395731
#2	20.11503	18.74589	.1522634	-.009951	.200974	.1289477	.5607227
#3	20.16599	18.88368	.1565056	-.008945	1.128202	.1401080	.5319934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.396299	6.780994	-.048943	.0046265	2.031233	8.795652	.0967071
Stddev	.153974	.129071	.002986	.0004180	.037113	.082914	.0006803
%RSD	2.407234	1.903425	6.101562	9.034823	1.827114	.9426667	.7034388
#1	6.230346	6.848417	-.048665	.0046783	2.045507	8.791555	.0965928
#2	6.424024	6.632174	-.046106	.0041850	1.989102	8.714862	.0974372
#3	6.534527	6.862391	-.052059	.0050161	2.059090	8.880538	.0960912

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-17 Acquired: 12/16/2024 7:06:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9840823	-.040533	.0846478
Stddev	.0011842	.000294	.0023708
%RSD	.1203324	.7243356	2.800776
#1	.9832076	-.040866	.0867394
#2	.9854299	-.040423	.0820725
#3	.9836095	-.040311	.0851316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.685	32322.16	3111.620	2208.774	3092.353
Stddev	25.373	608.45	34.064	49.478	41.077
%RSD	.9504297	1.882457	1.094726	2.240073	1.328339
#1	2657.456	31621.18	3098.660	2152.437	3069.161
#2	2698.857	32713.70	3150.262	2228.718	3139.780
#3	2652.742	32631.60	3085.939	2245.168	3068.116

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-18 Acquired: 12/16/2024 7:10:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1163813**	**.0263452**	**1.197433**	**.0089987**	**.0330368**	**79.02943**	**.7895954**
Stddev	.0033241	.0025274	.009771	.0021794	.0016414	.32840	.0040143
%RSD	2.856211	9.593350	.8160005	24.21967	4.968404	.4155418	.5083947
#1	.1189229	.0281031	1.195361	.0109526	.0345005	78.65516	.7860136
#2	.1126195	.0274836	1.188865	.0066482	.0312622	79.16374	.7888384
#3	.1176013	.0234488	1.208074	.0093953	.0333477	79.26938	.7939343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071394**	**.0069974**	**40.47967**	**.0969089**	**.1533792**	**.2108809**	**192.7096**
Stddev	.0002782	.0000992	.18325	.0008962	.0006424	.0011122	.8679
%RSD	3.897114	1.418103	.4526969	.9247419	.4188298	.5273989	.4503463
#1	.0070099	.0069346	40.33238	.0967255	.1532883	.2109029	191.7504
#2	.0074587	.0069458	40.42175	.0978826	.1527872	.2097579	192.9379
#3	.0069495	.0071118	40.68488	.0961187	.1540623	.2119819	193.4405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.31725**	**16.37895**	**.1549790**	**-.013737**	**.0345788**	**.1478513**	**.4378064**
Stddev	.07993	.02750	.0007446	.000369	.1609740	.0102592	.0212716
%RSD	.4137928	.1678755	.4804267	2.684475	465.5279	6.938900	4.858667
#1	19.23150	16.38169	.1558231	-.013330	.2028579	.1535137	.4454071
#2	19.33052	16.40497	.1544156	-.013831	.0188077	.1360087	.4137785
#3	19.38971	16.35019	.1546983	-.014050	-.117929	.1540315	.4542335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.735669**	**4.168369**	**-.062227**	**.0043529**	**1.227659**	**8.949754**	**.0634667**
Stddev	.088368	.042711	.004435	.0005478	.015284	.105082	.0006602
%RSD	1.866005	1.024653	7.127369	12.58554	1.244970	1.174128	1.040271
#1	4.835281	4.163925	-.062027	.0048359	1.226551	8.883673	.0642266
#2	4.705020	4.128054	-.066758	.0037576	1.212959	9.070926	.0631391
#3	4.666706	4.213129	-.057895	.0044652	1.243466	8.894664	.0630343

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-18 Acquired: 12/16/2024 7:10:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9729350	-.092604	.0757856
Stddev	.0082845	.000538	.0025310
%RSD	.8514915	.5804508	3.339637
#1	.9643903	-.092077	.0733077
#2	.9734826	-.092584	.0756827
#3	.9809320	-.093151	.0783665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.799	34606.06	3209.664	2367.672	3155.418
Stddev	1.377	158.70	27.586	11.497	10.429
%RSD	.0489042	.4585900	.8594570	.4855738	.3305028
#1	2813.931	34532.19	3222.012	2367.705	3153.295
#2	2816.386	34788.23	3178.062	2379.153	3166.744
#3	2814.080	34497.76	3228.919	2356.159	3146.214

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-19 Acquired: 12/16/2024 7:13:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382068	.0254287	1.131896	.0142834	.0429143	84.96596	.7861016
Stddev	.0046648	.0021044	.001861	.0034460	.0006951	.24606	.0028338
%RSD	3.375231	8.275581	.1644162	24.12618	1.619859	.2895928	.3604911
#1	.1394001	.0256043	1.133090	.0181176	.0435515	85.14700	.7886365
#2	.1421591	.0274397	1.132847	.0114447	.0421730	84.68581	.7866263
#3	.1330613	.0232420	1.129752	.0132879	.0430185	85.06507	.7830421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079805	.0078457	39.35461	.1162598	.1716406	.2673345	241.7845
Stddev	.0002424	.0002007	.06015	.0017091	.0004474	.0044112	1.0466
%RSD	3.037752	2.557941	.1528525	1.470064	.2606679	1.650049	.4328750
#1	.0079397	.0076588	39.38057	.1180797	.1718718	.2704537	242.4487
#2	.0077611	.0080578	39.28584	.1146889	.1711249	.2692622	240.5780
#3	.0082407	.0078205	39.39742	.1160108	.1719251	.2622876	242.3267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.74776	19.26442	.1895663	-.018064	.9462560	.1746759	.4217513
Stddev	.09051	.10604	.0008688	.000588	.4316354	.0045608	.0083502
%RSD	.4362220	.5504297	.4582936	3.253921	45.61507	2.611007	1.979888
#1	20.78689	19.30574	.1886445	-.018401	1.139635	.1779774	.4199437
#2	20.64428	19.14395	.1903699	-.018405	1.247388	.1765786	.4308573
#3	20.81212	19.34359	.1896846	-.017385	.451744	.1694719	.4144529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.354429	4.618999	-.081182	.0050339	1.184042	8.023636	.0587878
Stddev	.144724	.002076	.002546	.0001692	.008960	.079184	.0005856
%RSD	2.702877	.0449503	3.136415	3.360408	.7567048	.9868872	.9960927
#1	5.483191	4.618678	-.080660	.0052142	1.185960	8.041589	.0594303
#2	5.382298	4.617102	-.078938	.0050086	1.174279	7.937017	.0582841
#3	5.197797	4.621217	-.083949	.0048787	1.191888	8.092303	.0586489

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-19 Acquired: 12/16/2024 7:13:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9887696	-.141769	.0844241
Stddev	.0066101	.000358	.0048287
%RSD	.6685210	.2522697	5.719526
#1	.9961325	-.142065	.0897803
#2	.9833462	-.141371	.0830873
#3	.9868301	-.141870	.0804046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.177	36689.40	3417.899	2510.230	3137.911
Stddev	4.673	174.38	30.626	13.726	6.466
%RSD	.1555572	.4752824	.8960544	.5467851	.2060585
#1	3006.972	36692.40	3415.506	2506.433	3142.088
#2	2998.782	36862.26	3449.651	2525.455	3130.463
#3	3006.777	36513.54	3388.539	2498.803	3141.181

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-20 Acquired: 12/16/2024 7:17:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217923	.0288776	1.359706	.0121502	.0340631	78.78810	.8105424
Stddev	.0045712	.0008832	.001455	.0062495	.0030463	.32332	.0037073
%RSD	3.753266	3.058316	.1069963	51.43572	8.943159	.4103722	.4573858
#1	.1208665	.0278594	1.359705	.0164247	.0324383	79.14409	.8143114
#2	.1177548	.0294360	1.358252	.0150481	.0321737	78.70753	.8104157
#3	.1267555	.0293375	1.361162	.0049777	.0375774	78.51269	.8069001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070579	.0070134	46.07960	.1013178	.1575880	.2287460	197.3220
Stddev	.0001296	.0001349	.07310	.0006625	.0007118	.0049203	.8088
%RSD	1.836088	1.922734	.1586402	.6538687	.4516831	2.150976	.4099000
#1	.0069691	.0070157	46.12619	.1017503	.1571210	.2321534	197.4208
#2	.0072066	.0068774	45.99535	.1005552	.1572358	.2231051	198.0768
#3	.0069981	.0071471	46.11726	.1016481	.1584073	.2309795	196.4683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.84289	18.06159	.1575086	-.014227	.3421238	.1489973	.3996649
Stddev	.07963	.14057	.0003490	.000549	.4038837	.0056913	.0104205
%RSD	.4013055	.7782642	.2215802	3.855992	118.0519	3.819736	2.607296
#1	19.87594	18.12787	.1578060	-.013798	.1873405	.1471052	.4112151
#2	19.90068	18.15677	.1571244	-.014845	.8005058	.1553936	.3968106
#3	19.75206	17.90014	.1575954	-.014039	.0385250	.1444930	.3909690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977356	4.406119	-.060013	.0048064	1.294229	8.037934	.0621516
Stddev	.099540	.011144	.002302	.0003309	.004325	.082770	.0027780
%RSD	1.999857	.2529272	3.836270	6.885604	.3341982	1.029738	4.469745
#1	4.971792	4.405644	-.057402	.0051872	1.290004	8.067698	.0628169
#2	5.079561	4.395220	-.061749	.0045881	1.294035	8.101707	.0591013
#3	4.880714	4.417494	-.060890	.0046438	1.298648	7.944399	.0645365

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: P5033-20 Acquired: 12/16/2024 7:17:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.098308	-.090307	.0786411
Stddev	.005324	.000473	.0056267
%RSD	.4847680	.5232282	7.154891
#1	1.103729	-.090057	.0724383
#2	1.098110	-.090852	.0800680
#3	1.093086	-.090012	.0834170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.640	33761.35	3161.809	2304.296	3063.712
Stddev	5.524	137.78	24.433	8.227	1.415
%RSD	.2002580	.4081070	.7727449	.3570202	.0461919
#1	2764.788	33653.19	3143.488	2300.869	3063.297
#2	2757.039	33916.47	3152.390	2313.682	3065.288
#3	2754.093	33714.40	3189.550	2298.336	3062.550

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV038 Acquired: 12/16/2024 7:21:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.794122**	**4.667593**	**23.16617**	**4.786651**	**4.743940**	**386.0860**
Stddev	.019339	.024863	.07674	.020781	.019483	4.2417
%RSD	.4033846	.5326809	.3312586	.4341508	.4106902	1.098640
#1	4.792471	4.685089	23.17440	4.776001	4.748843	381.1977
#2	4.775662	4.639132	23.08565	4.773353	4.722474	388.2654
#3	4.814234	4.678558	23.23847	4.810598	4.760503	388.7950

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.524572**	**.4936381**	**2.523234**	**399.3673**	**14.82870**	**2.645508**
Stddev	.093127	.0077108	.005759	4.4732	.04703	.006906
%RSD	.9777601	1.562039	.2282204	1.120077	.3171640	.2610429
#1	9.417038	.4847593	2.523130	394.2475	14.77941	2.645341
#2	9.578470	.4986545	2.517528	401.3350	14.83358	2.638687
#3	9.578209	.4975003	2.529044	402.5193	14.87309	2.652496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.27423**	**390.2688**	**13.91109**	**394.6556**	**2.427938**	**1.204057**
Stddev	.16037	3.9783	.14743	4.6060	.002422	.004741
%RSD	1.123525	1.019383	1.059832	1.167086	.0997599	.3937552
#1	14.08914	385.6911	13.74154	389.4096	2.427241	1.198991
#2	14.37194	392.2256	13.98256	396.5207	2.425941	1.208387
#3	14.36160	392.8899	14.00917	398.0365	2.430633	1.204791

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**399.9043**	**2.462548**	**14.51232**	**161.3428**	**4.650222**	**4.587777**
Stddev	3.0500	.013968	.06870	1.6291	.024054	.072395
%RSD	.7626843	.5672112	.4734028	1.009716	.5172553	1.577991
#1	396.4531	2.446476	14.58329	159.4697	4.648165	4.506748
#2	401.0219	2.471750	14.44614	162.1283	4.627264	4.646086
#3	402.2378	2.469419	14.50752	162.4302	4.675238	4.610498

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCV038 Acquired: 12/16/2024 7:21:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.433277	4.783642	4.572995	4.652246	4.601352	F 4.454460
Stddev	.017461	.023411	.065344	.016192	.053238	.047702
%RSD	.3938604	.4893913	1.428913	.3480530	1.157015	1.070885
#1	4.438158	4.786945	4.500750	4.655306	4.541953	4.399385
#2	4.413896	4.758755	4.627969	4.634741	4.644769	4.481242
#3	4.447779	4.805225	4.590266	4.666689	4.617335	4.482752

Elem	Li6707
Units	ppm
Avg	4.972233
Stddev	.042863
%RSD	.8620376
#1	4.922968
#2	4.992749
#3	5.000982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.990	25844.60	2569.178	1641.091	2557.949
Stddev	4.210	78.26	30.592	12.646	2.586
%RSD	.2143681	.3028127	1.190729	.7705967	.1011077
#1	1961.141	25827.57	2604.340	1634.924	2556.126
#2	1968.826	25929.98	2554.533	1655.638	2560.909
#3	1962.003	25776.26	2548.662	1632.712	2556.811

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB038 Acquired: 12/16/2024 7:25:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006744**	**.0017384**	**.0030125**	**.0009822**	**-.001167**	**.0329475**
Stddev	.001668	.0022897	.0011609	.0036074	.000189	.0225913
%RSD	24.73280	131.7168	38.53728	367.2814	16.22948	68.56772
#1	-.007449	.0030386	.0036051	.0051475	-.001220	.0473747
#2	-.004839	.0030820	.0037576	-.001125	-.001324	.0069121
#3	-.007943	-.000905	.0016749	-.001076	-.000957	.0445556

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003436**	**.0000869**	**.0000894**	**.0100121**	**.0001102**	**-.000214**
Stddev	.0003742	.0001101	.0000201	.0478860	.0003691	.000137
%RSD	108.8901	126.6801	22.46086	478.2822	334.9366	64.24378
#1	.0005474	-.000032	.0000682	-.024750	-.000240	-.000287
#2	-.000088	.000185	.0001081	.064633	.000496	-.000299
#3	.000572	.000108	.0000921	-.009847	.000075	-.000055

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004982**	**-.013416**	**.0000796**	**.0780037**	**.0004273**	**.0001553**
Stddev	.008060	.009335	.0018796	.0207581	.0007673	.0012490
%RSD	161.7924	69.58534	2362.599	26.61172	179.5837	804.3688
#1	.004301	-.003025	.0022473	.0955862	.0006837	.0015617
#2	-.009042	-.016127	-.001096	.0551042	-.000435	-.000824
#3	-.010205	-.021096	-.000912	.0833207	.001034	-.000271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.858237**	**.0012991**	**.0006816**	**-1.47655**	**.0013917**	**.0072601**
Stddev	.625050	.0032981	.0105841	.06572	.0022545	.0029889
%RSD	72.82950	253.8815	1552.935	4.451135	161.9964	41.16924
#1	-.196371	-.001615	-.010580	-1.53197	.0039394	.0041863
#2	-1.43844	.000632	.002201	-1.49374	-.000346	.0074377
#3	-.93990	.004880	.010424	-1.40394	.000581	.0101563

Reviewed By:Mohan
On:12/18/2024 3:02:43 AM
Inst Id :P5

Sample Name: CCB038 Acquired: 12/16/2024 7:25:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007577	-.006550	.0000979	-.000273	-.001275	.0000951
Stddev	.0003729	.002884	.0008380	.001831	.002679	.0000914
%RSD	49.21694	44.02625	855.8448	670.5360	210.0631	96.14943
#1	.0010993	-.009878	.0010334	.001749	-.000663	.0000611
#2	.0008140	-.004971	-.000584	-.000748	.001044	.0001986
#3	.0003599	-.004800	-.000156	-.001820	-.004208	.0000255

Elem	Li6707
Units	ppm
Avg	F .0296005
Stddev	.0050040
%RSD	16.90500
#1	.0309091
#2	.0338201
#3	.0240722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.640	28787.06	2615.242	1962.731	3228.028
Stddev	8.980	119.52	7.967	12.260	7.885
%RSD	.3825009	.4151868	.3046462	.6246414	.2442715
#1	2337.320	28667.51	2609.312	1955.822	3219.744
#2	2351.933	28787.09	2624.298	1955.484	3228.898
#3	2353.668	28906.56	2612.117	1976.886	3235.442