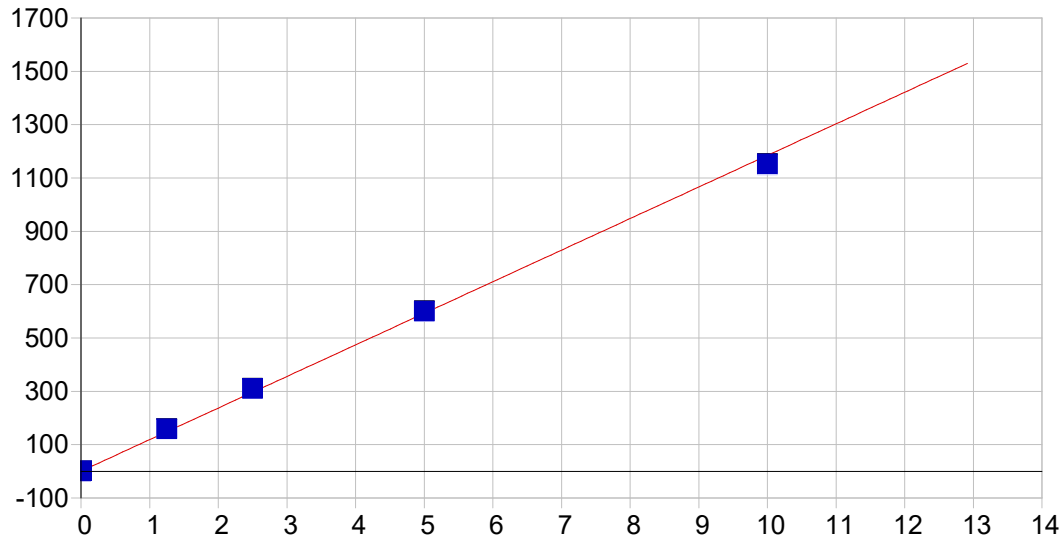
Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



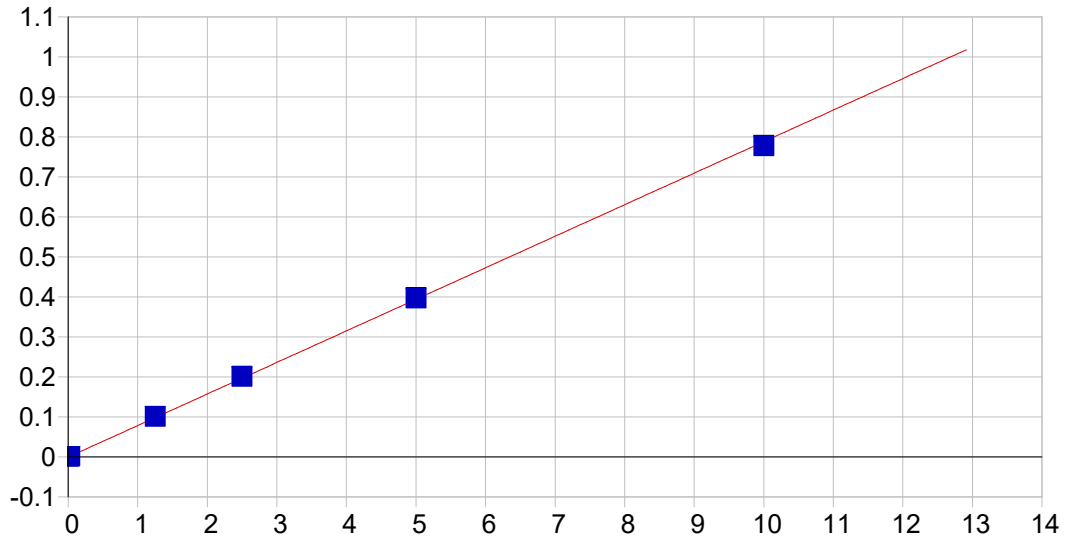
As 189.042 {478}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.448360	Re-Slope:	1.000000
A1 (Gain):	118.415562	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999465	Status:	OK.
Std Error of Est:	0.064686		
Predicted MDL:	0.006216		
Predicted MQL:	0.020719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.44832	.500	1
S1	.01000	.00927	-.001	-7.31	1.5442	.163	1
S2	1.2500	1.3377	.088	7.02	158.23	.513	1
S3	2.5000	2.6157	.116	4.63	308.95	1.13	1
S4	5.0000	5.0692	.069	1.38	598.23	1.61	1
S5	10.000	9.7281	-.272	-2.72	1147.4	1.95	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



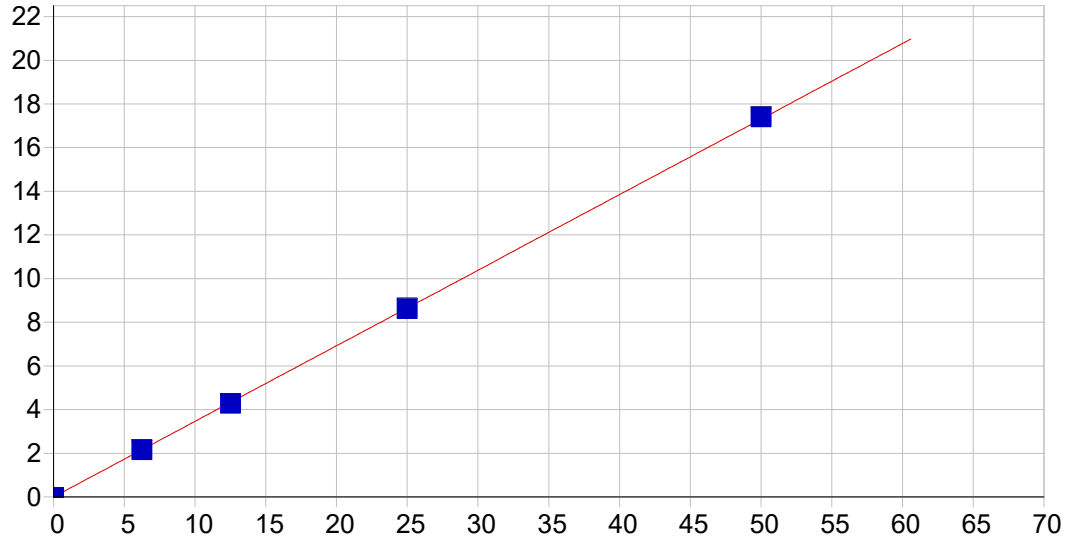
Tl 190.856 {477}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000390	Re-Slope:	1.000000
A1 (Gain):	0.078861	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.003985		
Predicted MQL:	0.013285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.02500	.02787	.003	11.5	.00174	.000	1
S2	1.2500	1.2856	.036	2.85	.10074	.000	1
S3	2.5000	2.5527	.053	2.11	.20041	.001	1
S4	5.0000	5.0416	.042	.831	.39618	.001	1
S5	10.000	9.8674	-.133	-1.33	.77573	.002	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



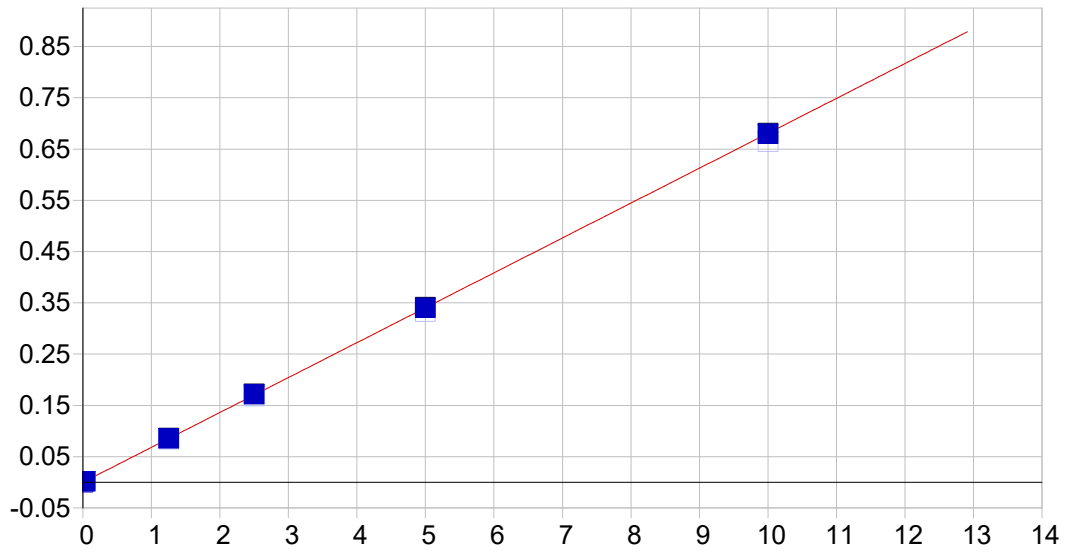
Pb 220.353 {453}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000899	Re-Slope:	1.000000
A1 (Gain):	0.346133	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.002171		
Predicted MQL:	0.007236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.01000	.00972	-.000	-2.76	.00425	.000	1
S2	6.2500	6.2027	-.047	-.757	2.1474	.005	1
S3	12.500	12.374	-.126	-1.01	4.2830	.003	1
S4	25.000	24.918	-.082	-.328	8.6240	.020	1
S5	50.000	50.256	.256	.511	17.392	.023	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



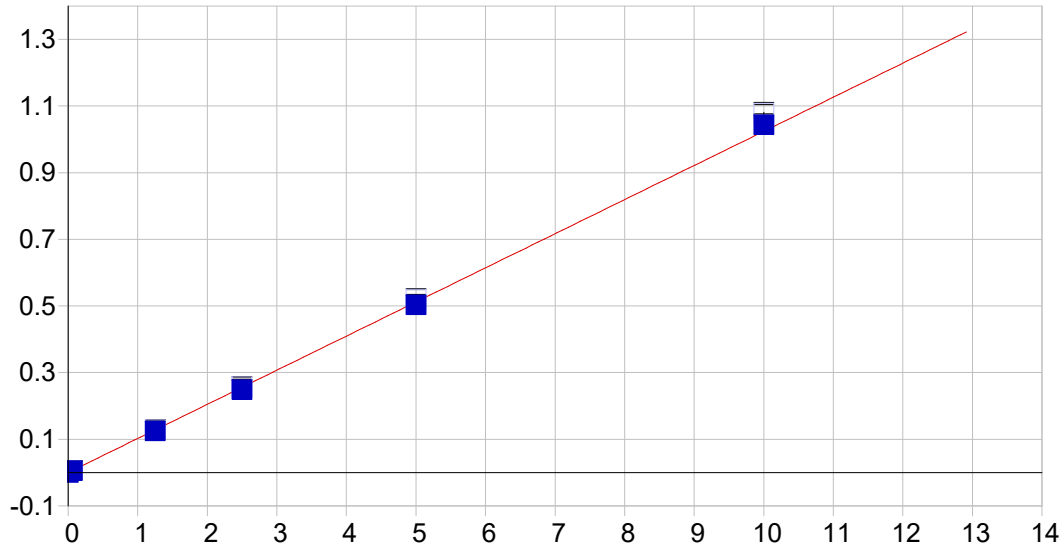
Se 196.090 {472}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000083	Re-Slope:	1.000000
A1 (Gain):	0.068066	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.005525		
Predicted MQL:	0.018417		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00008	.000	1
S1	.03500	.02851	-.006	-18.5	.00202	.000	1
S2	1.2500	1.2578	.008	.620	.08378	.001	1
S3	2.5000	2.5191	.019	.764	.16772	.001	1
S4	5.0000	4.9991	-.001	-.017	.33270	.001	1
S5	10.000	9.9806	-.019	-.194	.66411	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



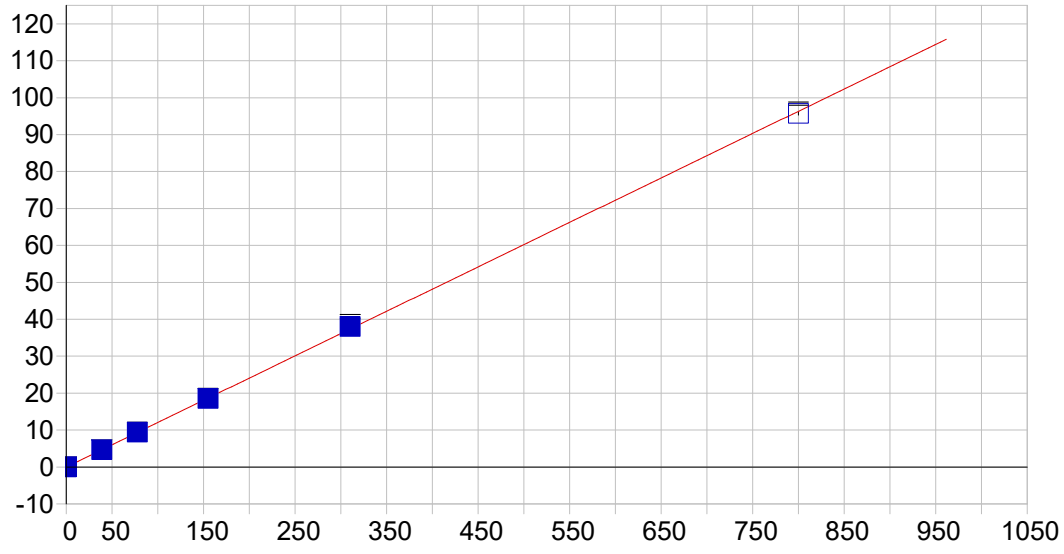
Sb 206.833 {463}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000004	Re-Slope:	1.000000
A1 (Gain):	0.102398	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999794	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.004494		
Predicted MQL:	0.014979		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00000	.000	1
S1	.06000	.05577	-.004	-7.05	.00572	.000	1
S2	1.2500	1.2137	-.036	-2.91	.12856	.000	1
S3	2.5000	2.4316	-.068	-2.74	.25755	.001	1
S4	5.0000	4.9169	-.083	-1.66	.52060	.001	1
S5	10.000	10.192	.192	1.92	1.0779	.003	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



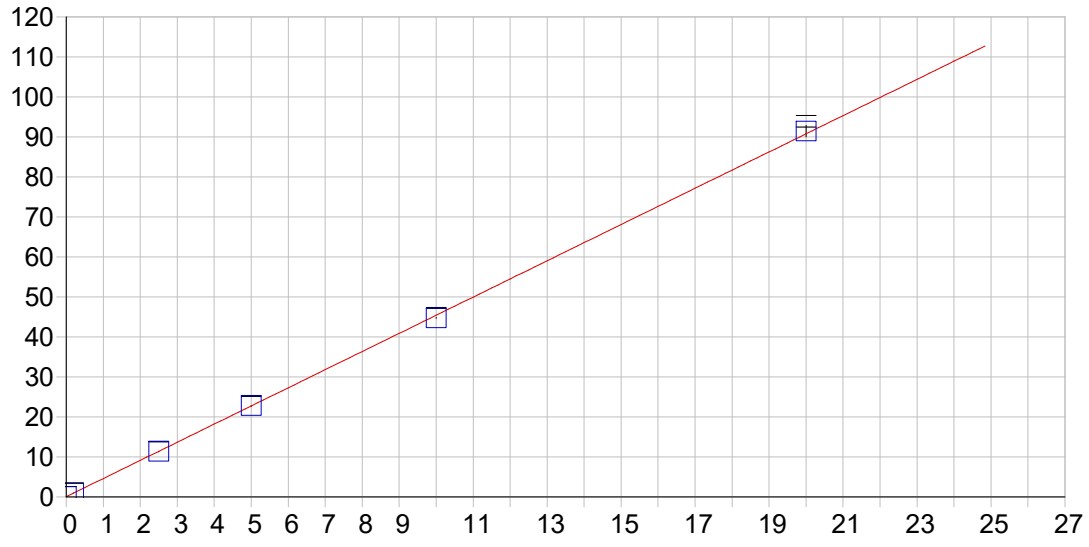
Al 396.152 { 85}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001994	Re-Slope:	1.000000
A1 (Gain):	0.120415	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000760		
Predicted MDL:	0.026066		
Predicted MQL:	0.086887		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00199	.003	1
S1	.20000	.20082	.001	.409	.02223	.001	1
S2	38.750	38.883	.133	.342	4.6851	.024	1
S3	77.500	77.982	.482	.622	9.3984	.037	1
S4	155.00	153.96	-1.04	-.671	18.557	.062	1
S5	310.00	315.55	5.55	1.79	38.035	.609	1
S6	800.00	794.87	-5.13	-.641	95.713	.392	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



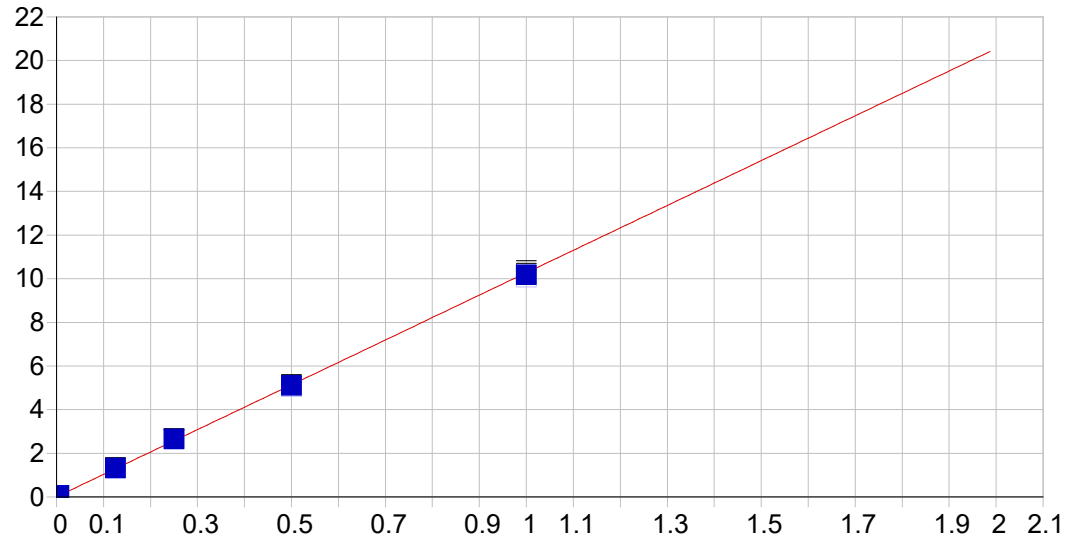
Ba 493.409 { 68}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.058496	Re-Slope:	1.000000
A1 (Gain):	4.535959	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.004605		
Predicted MDL:	0.001461		
Predicted MQL:	0.004870		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05848	.003	1
S1	.20000	.20647	.006	3.23	.99502	.007	1
S2	2.5000	2.4918	-.008	-.328	11.361	.096	1
S3	5.0000	5.0065	.006	.130	22.768	.118	1
S4	10.000	9.8525	-.147	-1.47	44.749	.142	1
S5	20.000	20.143	.143	.714	91.425	1.42	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



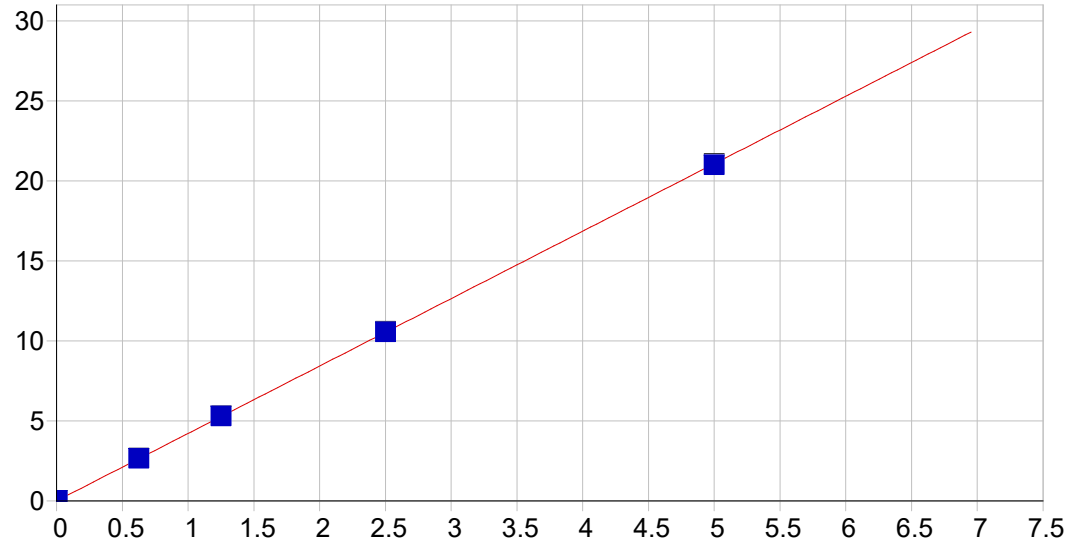
Be 234.861 {144}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002231	Re-Slope:	1.000000
A1 (Gain):	10.273377	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000624		
Predicted MDL:	0.000162		
Predicted MQL:	0.000540		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00223	.002	1
S1	.00500	.00518	.000	3.54	.05534	.003	1
S2	.12500	.12894	.004	3.15	1.3114	.005	1
S3	.25000	.25804	.008	3.22	2.6222	.018	1
S4	.50000	.49710	-.003	-.581	5.0470	.042	1
S5	1.0000	.99074	-.009	-.926	10.056	.190	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



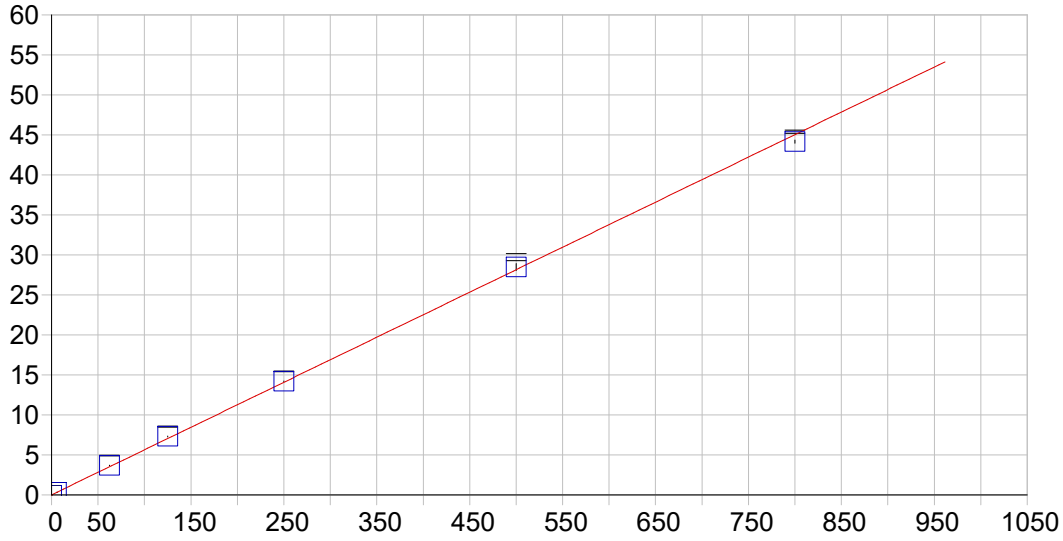
Cd 214.438 {457}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000592	Re-Slope:	1.000000
A1 (Gain):	4.214745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000153		
Predicted MDL:	0.000111		
Predicted MQL:	0.000371		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.00500	.00507	.000	1.48	.02206	.001	1
S2	.62500	.63057	.006	.891	2.6623	.004	1
S3	1.2500	1.2585	.008	.677	5.3128	.005	1
S4	2.5000	2.5035	.003	.139	10.568	.035	1
S5	5.0000	4.9824	-.018	-.352	21.033	.040	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



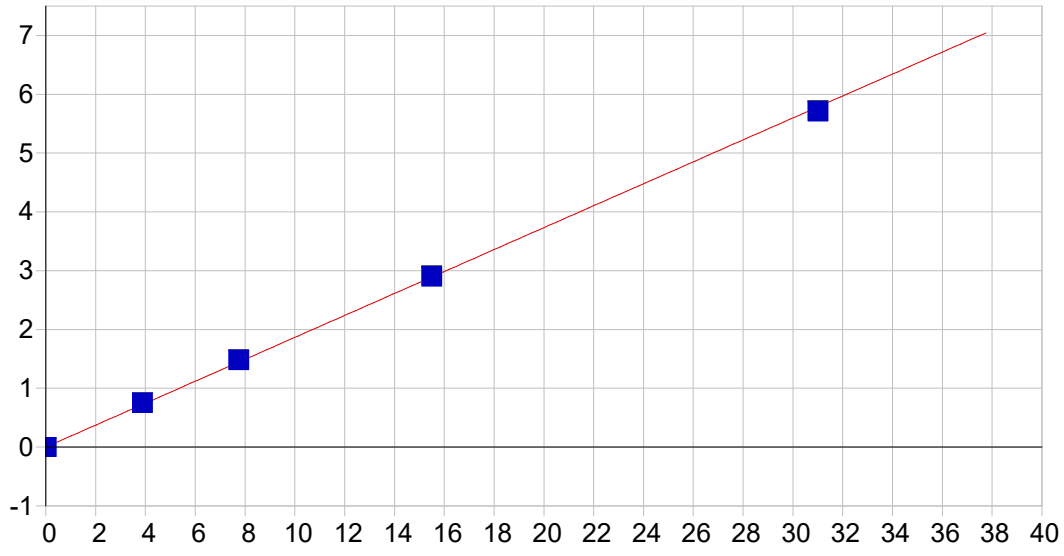
Ca 373.690 { 90}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008380	Re-Slope:	1.000000
A1 (Gain):	0.056286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.003920		
Predicted MDL:	0.037206		
Predicted MQL:	0.124020		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	.00834	.002	1
S1	5.0000	5.2922	.292	5.84	.30626	.003	1
S2	62.500	65.208	2.71	4.33	3.6787	.028	1
S3	125.00	129.64	4.64	3.72	7.3056	.048	1
S4	250.00	252.27	2.27	.908	14.208	.043	1
S5	500.00	505.64	5.64	1.13	28.469	.432	1
S6	800.00	784.45	-15.6	-1.94	44.162	.209	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



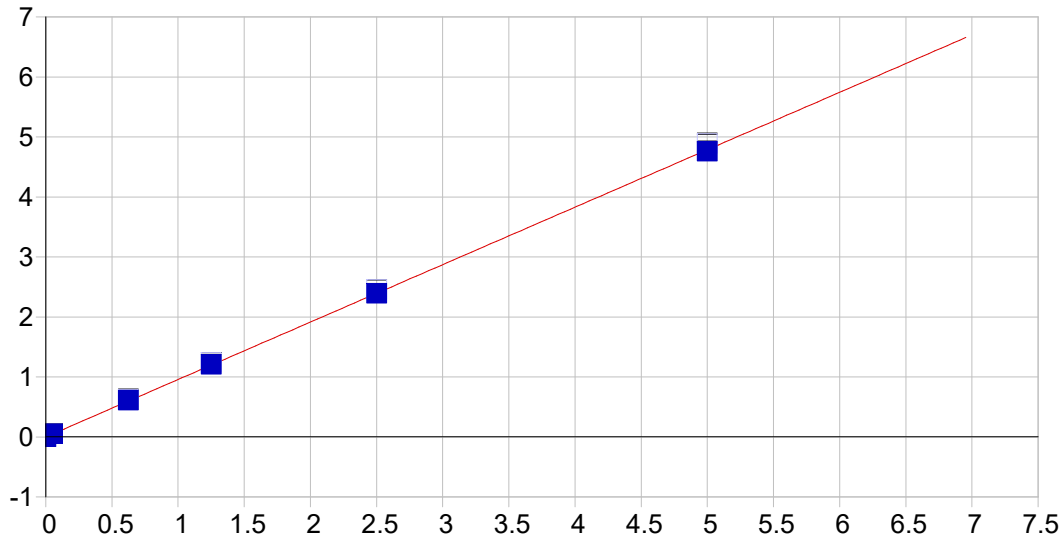
Cr 267.716 {126}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000005	Re-Slope:	1.000000
A1 (Gain):	0.186593	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.001035		
Predicted MQL:	0.003449		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01055	.001	5.46	.00197	.000	1
S2	3.8750	4.0265	.152	3.91	.75189	.001	1
S3	7.7500	7.9262	.176	2.27	1.4801	.001	1
S4	15.500	15.561	.061	.392	2.9058	.004	1
S5	31.000	30.611	-.389	-1.25	5.7163	.008	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



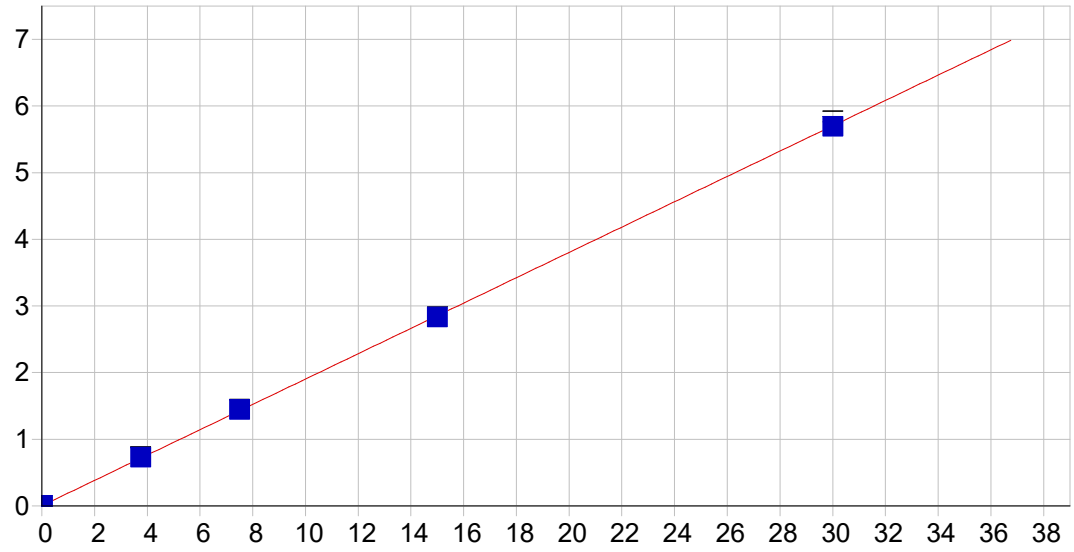
Co 228.616 {448}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000720	Re-Slope:	1.000000
A1 (Gain):	0.957363	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000282		
Predicted MDL:	0.000491		
Predicted MQL:	0.001638		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00073	.000	1
S1	.05000	.05504	.005	10.1	.05216	.001	1
S2	.62500	.63979	.015	2.37	.62808	.002	1
S3	1.2500	1.2626	.013	1.01	1.2407	.001	1
S4	2.5000	2.4968	-.003	-.128	2.4548	.003	1
S5	5.0000	4.9709	-.029	-.583	4.8885	.009	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



Cu 324.754 {104}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002973	Re-Slope:	1.000000
A1 (Gain):	0.190033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.008266		
Predicted MQL:	0.027555		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00297	.000	1
S1	.02500	.02242	-.003	-10.3	.00723	.002	1
S2	3.7500	3.8248	.075	1.99	.72972	.008	1
S3	7.5000	7.5934	.093	1.24	1.4458	.006	1
S4	15.000	14.882	-.118	-.790	2.8306	.014	1
S5	30.000	29.953	-.047	-.157	5.6944	.081	1

Reviewed By:mohan
On:12/31/2024
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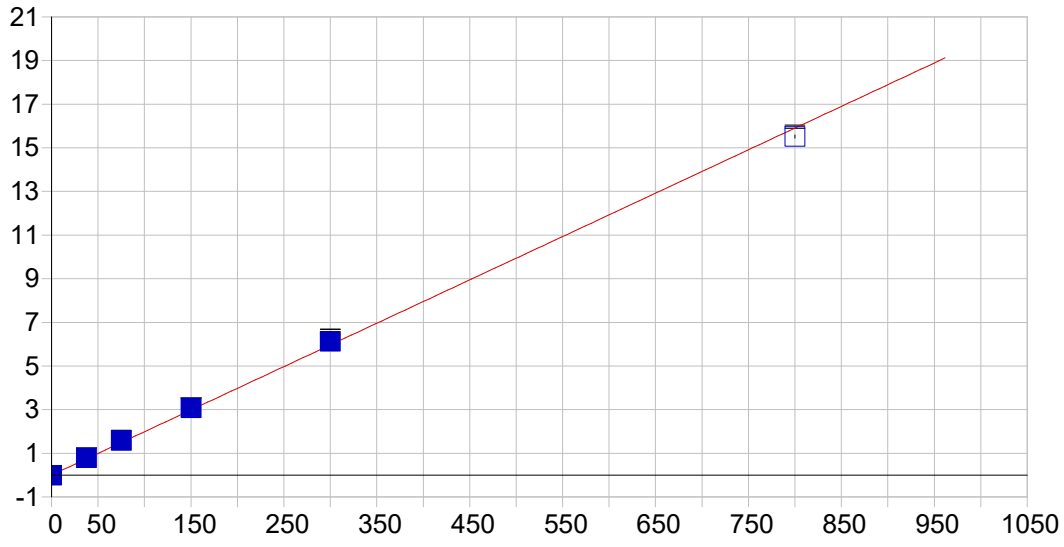
Inst Id :P5



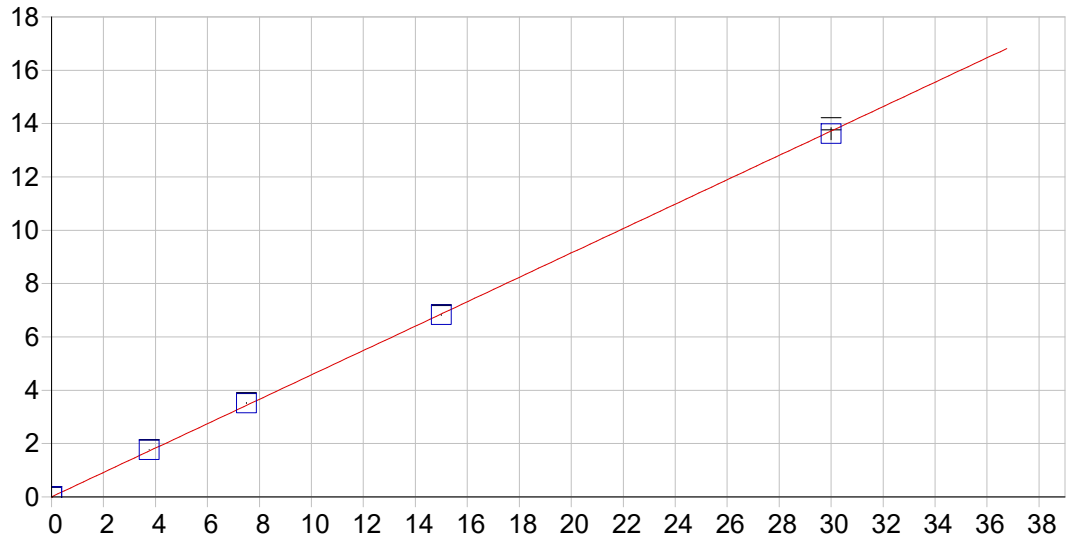
Fe 259.837 {130}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.019881	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999525	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.038303		
Predicted MQL:	0.127677		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00010	.001	1
S1	.10000	.12973	.030	29.7	.00268	.000	1
S2	37.500	40.013	2.51	6.70	.79576	.006	1
S3	75.000	79.490	4.49	5.99	1.5808	.009	1
S4	150.00	154.81	4.81	3.21	3.0786	.008	1
S5	300.00	307.90	7.90	2.63	6.1228	.106	1
S6	800.00	780.25	-19.8	-2.47	15.512	.072	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



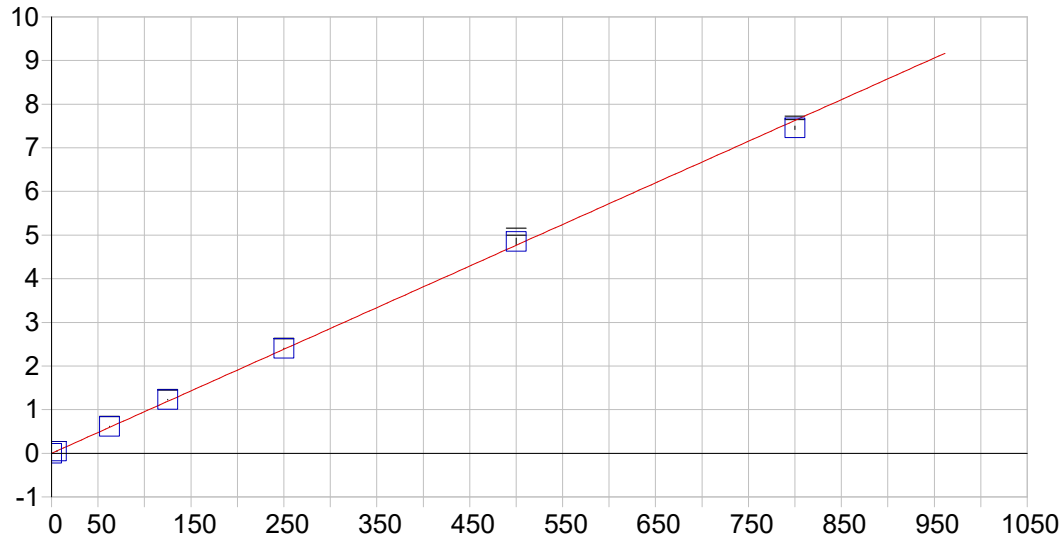
Mn 257.610 {131}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001233	Re-Slope:	1.000000
A1 (Gain):	0.457311	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000222		
Predicted MDL:	0.001458		
Predicted MQL:	0.004860		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00123	.001	1
S1	.01500	.01540	.000	2.69	.00828	.001	1
S2	3.7500	3.8622	.112	2.99	1.7675	.009	1
S3	7.5000	7.6928	.193	2.57	3.5192	.019	1
S4	15.000	14.919	-.081	-.542	6.8237	.016	1
S5	30.000	29.776	-.224	-.747	13.618	.229	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



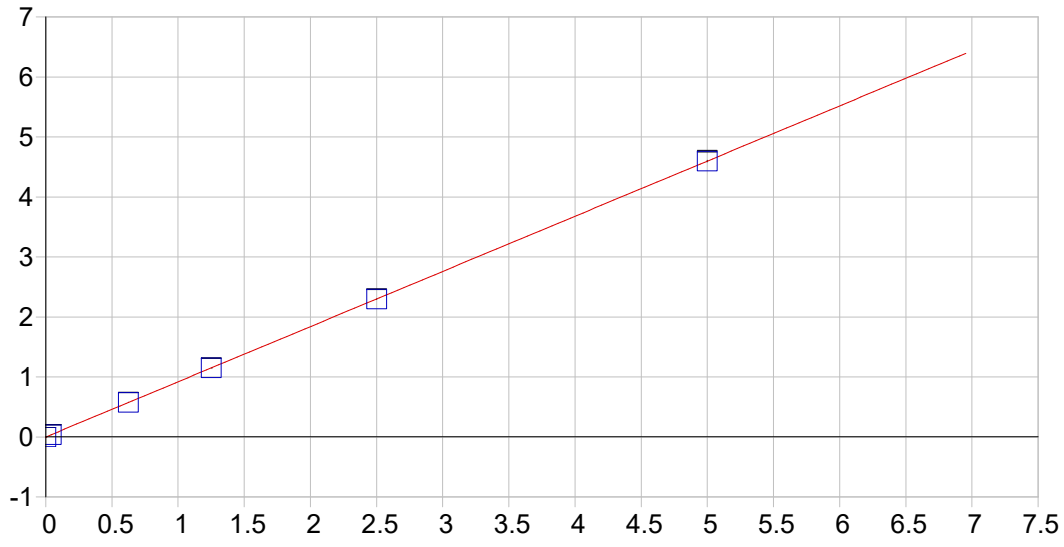
Mg 279.079 {121}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000488	Re-Slope:	1.000000
A1 (Gain):	0.009535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999770	Status:	OK.
Std Error of Est:	0.000713		
Predicted MDL:	0.100492		
Predicted MQL:	0.334972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	-.00049	.002	1
S1	5.0000	5.3250	.325	6.50	.05028	.001	1
S2	62.500	64.663	2.16	3.46	.61606	.005	1
S3	125.00	128.96	3.96	3.17	1.2291	.007	1
S4	250.00	252.15	2.15	.860	2.4037	.007	1
S5	500.00	509.14	9.14	1.83	4.8540	.082	1
S6	800.00	782.26	-17.7	-2.22	7.4582	.042	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



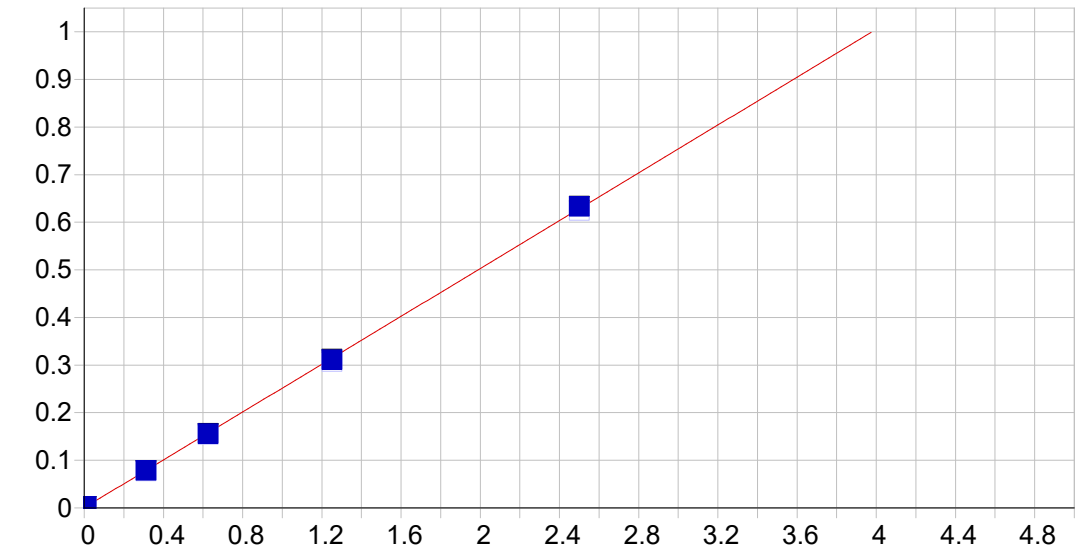
Ni 231.604 {446}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000531	Re-Slope:	1.000000
A1 (Gain):	0.919575	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.000616		
Predicted MQL:	0.002054		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00053	.000	1
S1	.04000	.04094	.001	2.35	.03712	.000	1
S2	.62500	.62509	.000	.015	.57429	.002	1
S3	1.2500	1.2509	.001	.073	1.1498	.001	1
S4	2.5000	2.4992	-.001	-.033	2.2976	.006	1
S5	5.0000	4.9989	-.001	-.022	4.5963	.012	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



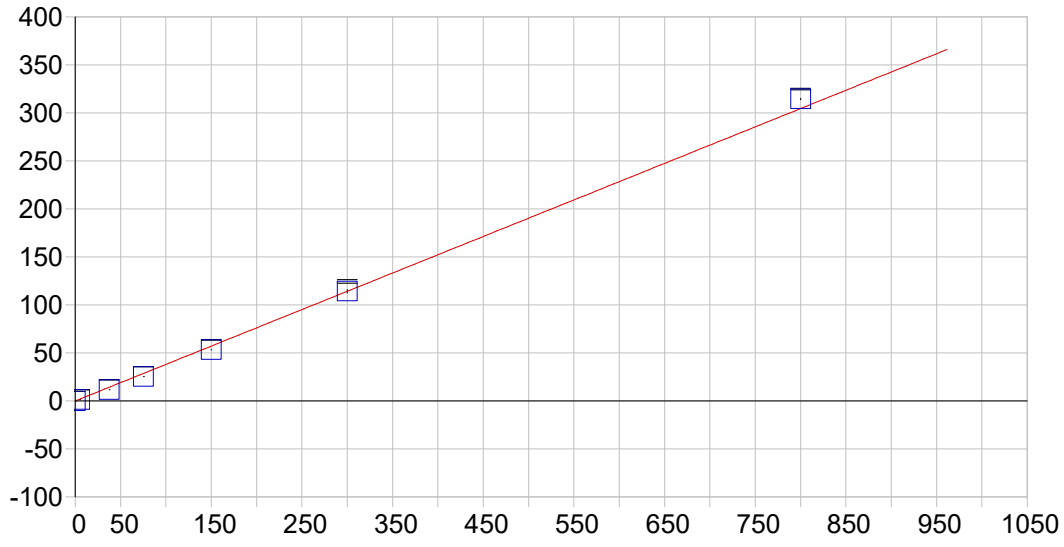
Ag 328.068 {103}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000486	Re-Slope:	1.000000
A1 (Gain):	0.251214	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.001441		
Predicted MQL:	0.004805		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01000	.00997	-.000	-.271	.00299	.000	1
S2	.31250	.30992	-.003	-.827	.07721	.000	1
S3	.62500	.61969	-.005	-.849	.15390	.000	1
S4	1.2500	1.2382	-.012	-.942	.30702	.001	1
S5	2.5000	2.5197	.020	.788	.62443	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



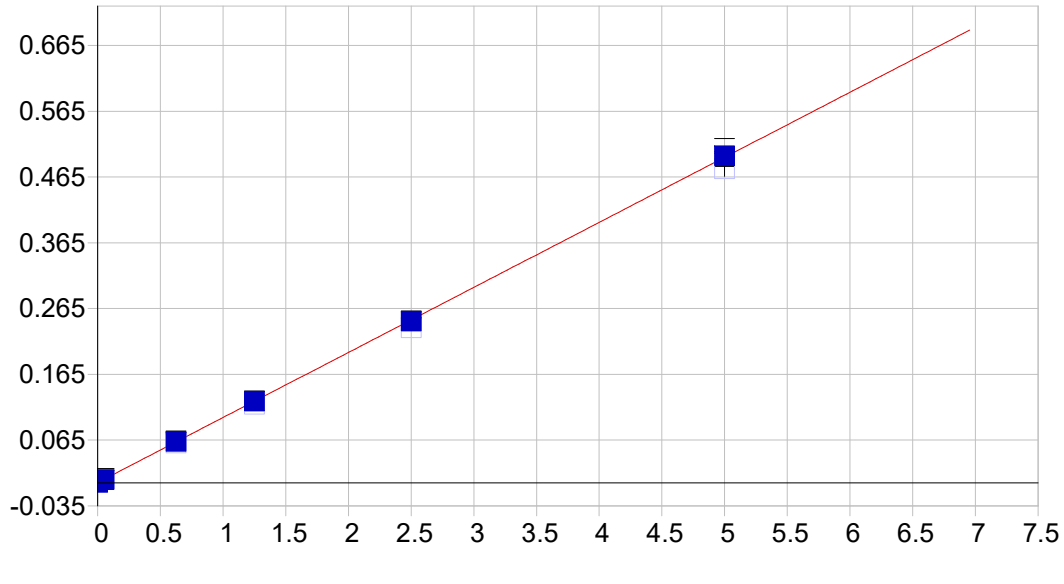
Na 818.326 { 41}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.023855	Re-Slope:	1.000000
A1 (Gain):	0.380679	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998474	Status:	OK.
Std Error of Est:	0.065106		
Predicted MDL:	0.027301		
Predicted MQL:	0.091005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00309	.003	.000	-.02268	.010	1
S1	5.0000	3.5590	-1.44	-28.8	1.3310	.020	1
S2	37.500	30.514	-6.99	-18.6	11.592	.019	1
S3	75.000	66.613	-8.39	-11.2	25.334	.137	1
S4	150.00	140.14	-9.86	-6.57	53.326	.332	1
S5	300.00	300.14	.145	.048	114.23	1.74	1
S6	800.00	826.53	26.5	3.32	314.62	.793	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



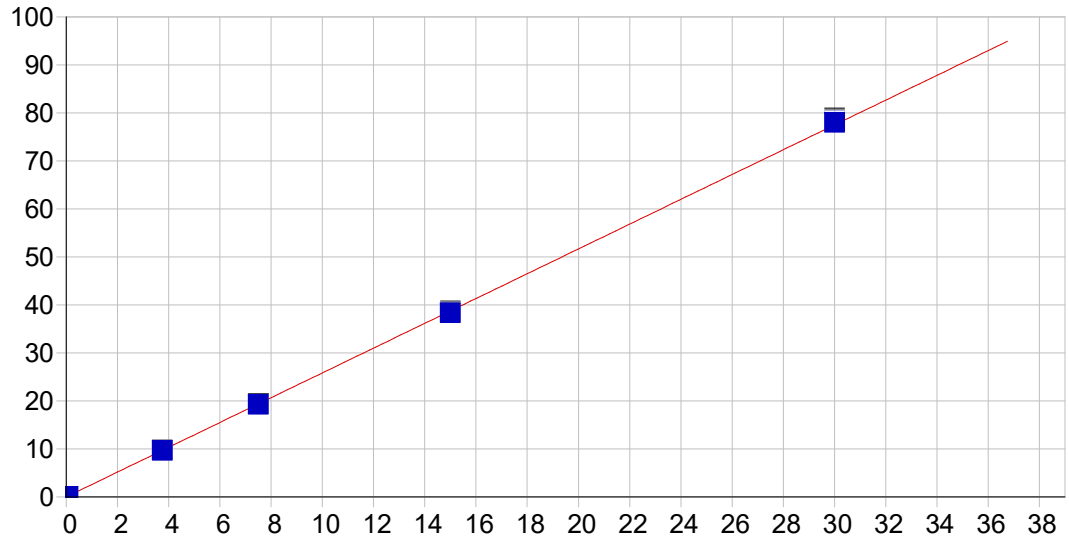
V 292.402 {115}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000489	Re-Slope:	1.000000
A1 (Gain):	0.098915	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.011745		
Predicted MQL:	0.039149		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.001	1
S1	.05000	.04663	-.003	-6.74	.00509	.001	1
S2	.62500	.62958	.005	.734	.06029	.001	1
S3	1.2500	1.2483	-.002	-.135	.11901	.000	1
S4	2.5000	2.4773	-.023	-.908	.23562	.001	1
S5	5.0000	5.0233	.023	.466	.47755	.011	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



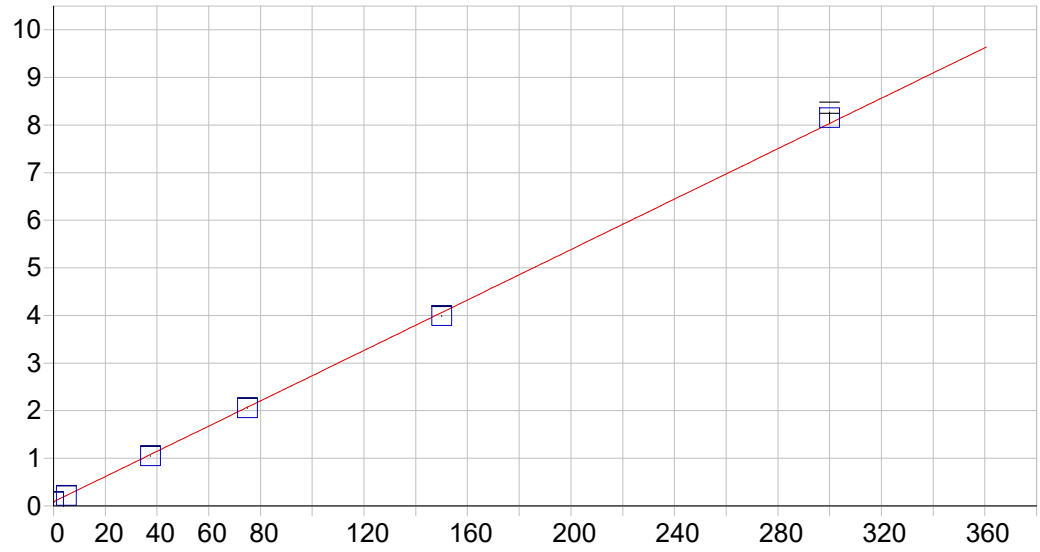
Zn 213.856 {158}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008135	Re-Slope:	1.000000
A1 (Gain):	2.582716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.001444		
Predicted MDL:	0.000617		
Predicted MQL:	0.002058		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00813	.000	1
S1	.06000	.06267	.003	4.45	.17048	.002	1
S2	3.7500	3.7416	-.008	-.225	9.7189	.047	1
S3	7.5000	7.4577	-.042	-.564	19.364	.097	1
S4	15.000	14.841	-.159	-1.06	38.529	.172	1
S5	30.000	30.207	.207	.689	78.403	.507	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



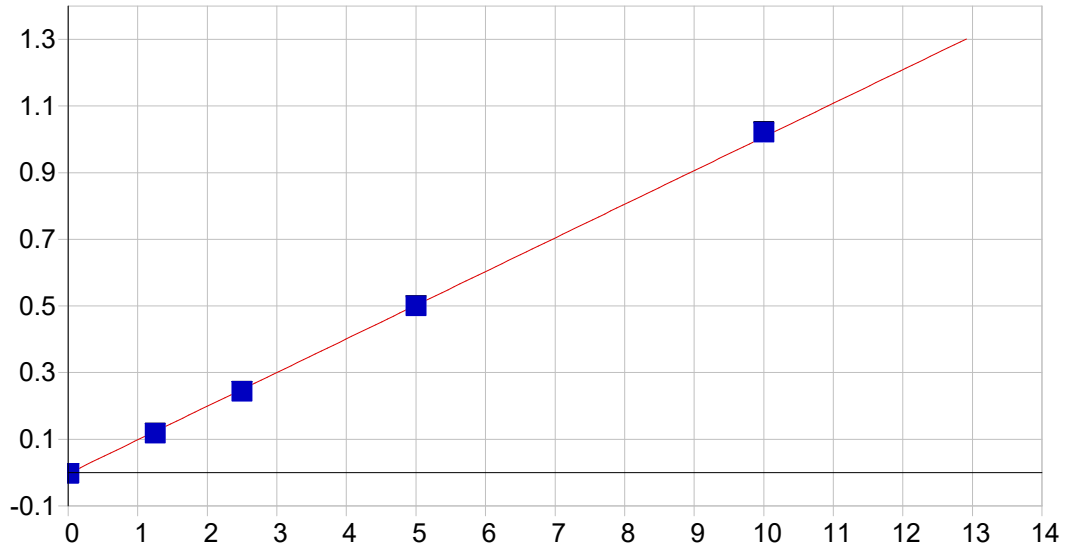
K 769.896 { 44}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.087242	Re-Slope:	1.000000
A1 (Gain):	0.026489	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000927		
Predicted MDL:	0.157273		
Predicted MQL:	0.524243		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	.08725	.001	1
S1	5.0000	4.8669	-.133	-2.66	.21616	.004	1
S2	37.500	36.366	-1.13	-3.02	1.0505	.006	1
S3	75.000	74.298	-.702	-.935	2.0553	.007	1
S4	150.00	147.33	-2.67	-1.78	3.9899	.008	1
S5	300.00	304.64	4.64	1.55	8.1567	.119	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



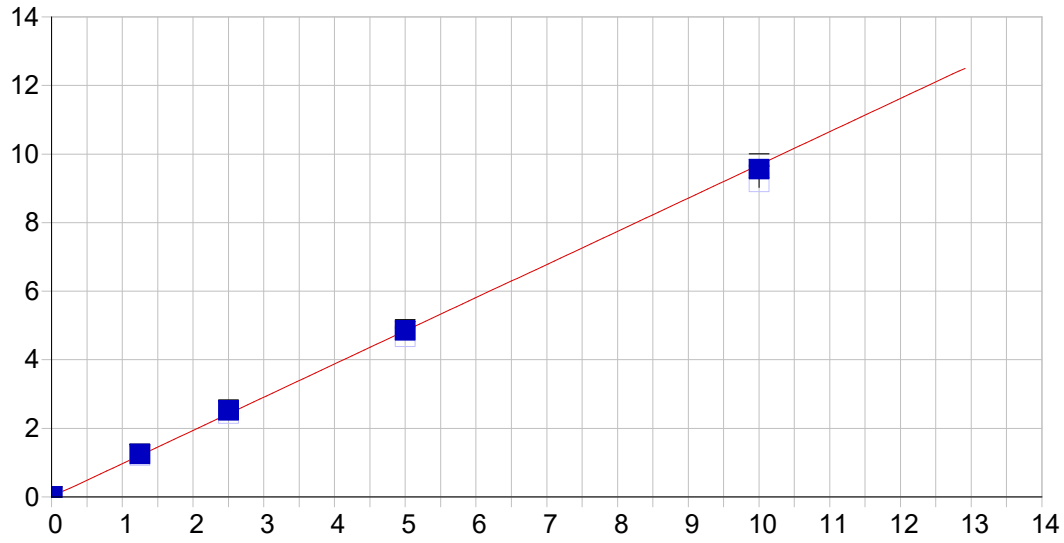
P 177.495 {490}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002756	Re-Slope:	1.000000
A1 (Gain):	0.100987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999822	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.002776		
Predicted MQL:	0.009254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00276	.000	1
S1	.01000	.00780	-.002	-22.0	-.00196	.000	1
S2	1.2500	1.1938	-.056	-4.50	.11762	.000	1
S3	2.5000	2.4387	-.061	-2.45	.24316	.001	1
S4	5.0000	4.9766	-.023	-.467	.49909	.002	1
S5	10.000	10.143	.143	1.43	1.0201	.002	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



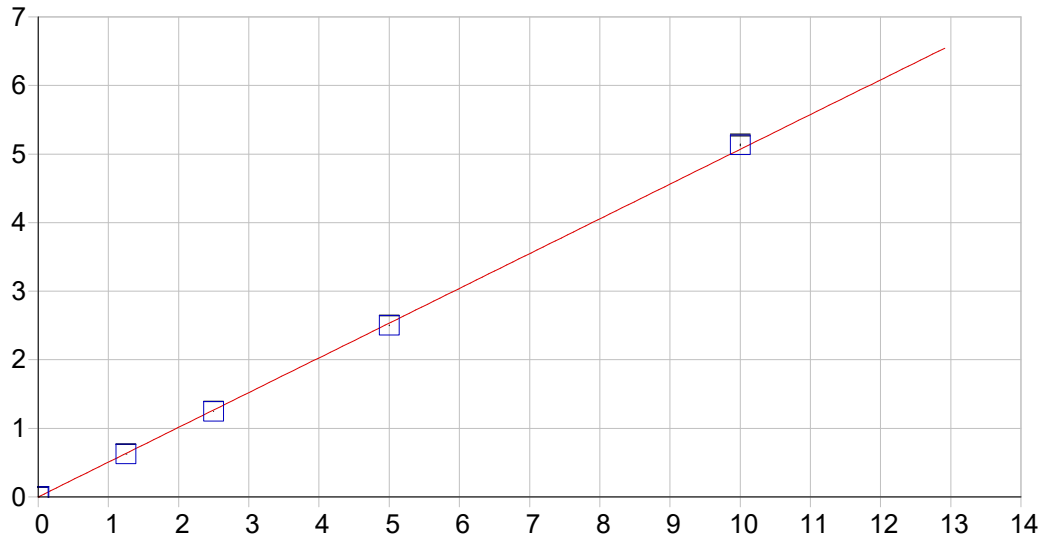
B 249.678 {135}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005014	Re-Slope:	1.000000
A1 (Gain):	0.967752	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999470	Status:	OK.
Std Error of Est:	0.000509		
Predicted MDL:	0.002022		
Predicted MQL:	0.006740		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00502	.002	1
S1	.01000	-.00078	-.011	-108.	.00421	.001	1
S2	1.2500	1.2832	.033	2.66	1.2008	.005	1
S3	2.5000	2.6021	.102	4.08	2.4312	.018	1
S4	5.0000	5.0077	.008	.154	4.6672	.027	1
S5	10.000	9.8681	-.132	-1.32	9.1869	.162	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



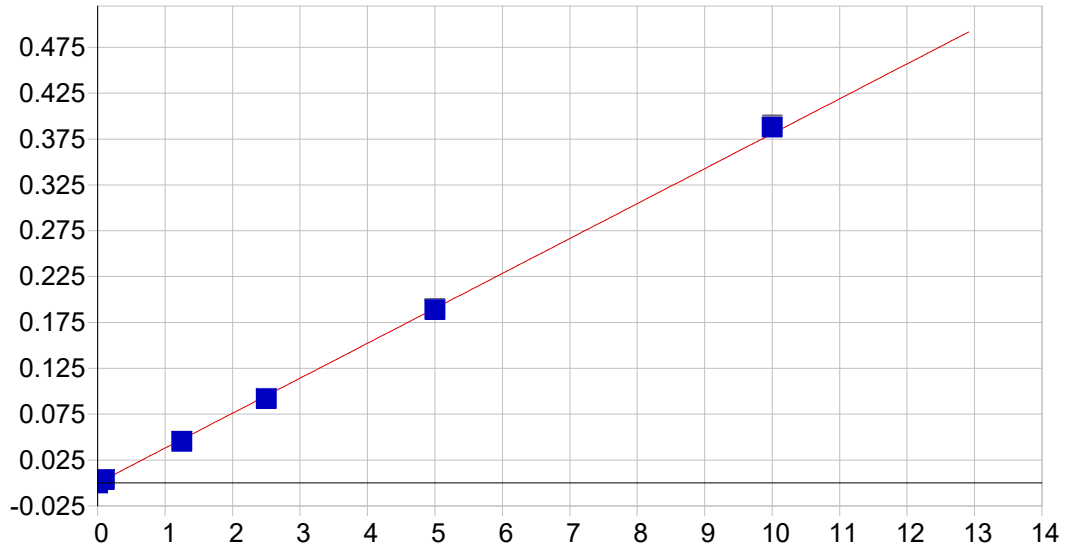
Mo 202.030 {467}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000168	Re-Slope:	1.000000
A1 (Gain):	0.506802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.000637		
Predicted MQL:	0.002125		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01068	.001	6.75	.00558	.000	1
S2	1.2500	1.2314	-.019	-1.49	.62425	.001	1
S3	2.5000	2.4603	-.040	-1.59	1.2470	.002	1
S4	5.0000	4.9314	-.069	-1.37	2.4994	.005	1
S5	10.000	10.126	.126	1.26	5.1322	.013	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



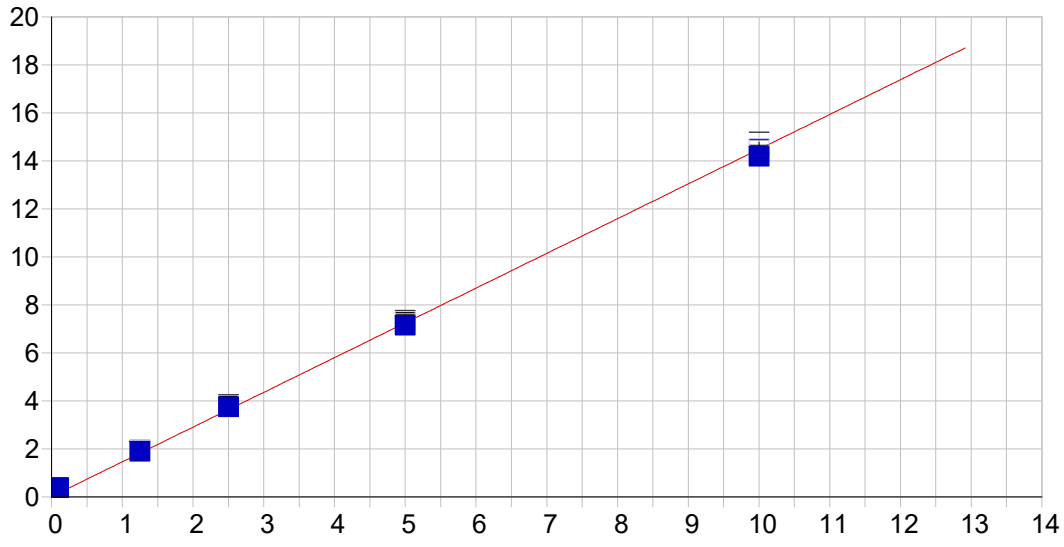
S 182.034 {485}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000074	Re-Slope:	1.000000
A1 (Gain):	0.038087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999741	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.006109		
Predicted MQL:	0.020363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00007	.000	1
S1	.10000	.09805	-.002	-1.95	.00366	.000	1
S2	1.2500	1.1884	-.062	-4.93	.04534	.000	1
S3	2.5000	2.4145	-.086	-3.42	.09219	.000	1
S4	5.0000	4.9614	-.039	-.771	.18950	.000	1
S5	10.000	10.188	.188	1.88	.38916	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



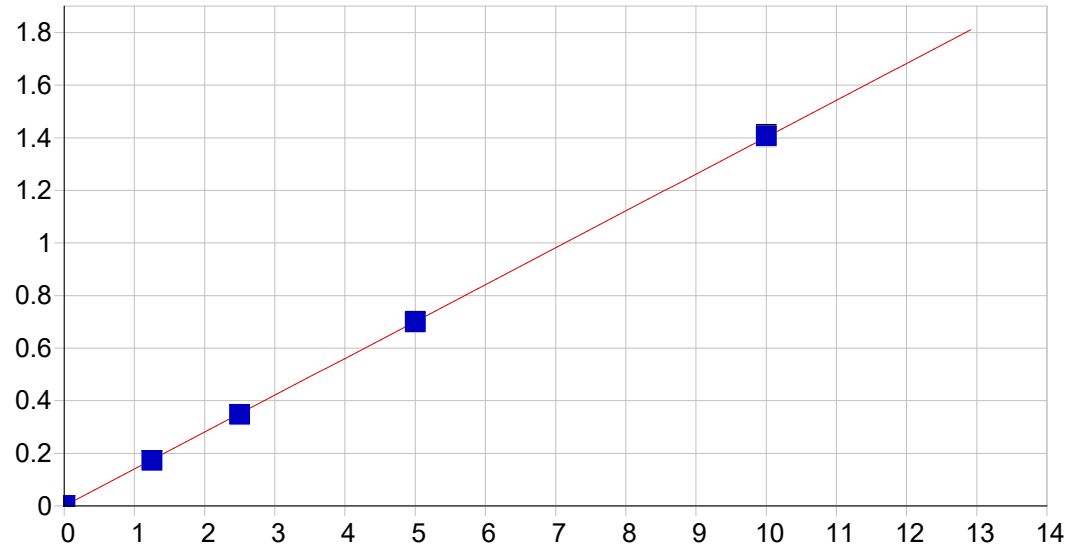
Si 251.611 {134}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014545	Re-Slope:	1.000000
A1 (Gain):	1.447384	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994149	Status:	OK.
Std Error of Est:	0.008546		
Predicted MDL:	0.001317		
Predicted MQL:	0.004390		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.01432	.003	1
S1	.10000	.24922	.149	149.	.37731	.004	1
S2	1.2500	1.2982	.048	3.86	1.9346	.008	1
S3	2.5000	2.5812	.081	3.25	3.8326	.027	1
S4	5.0000	4.9311	-.069	-1.38	7.3160	.046	1
S5	10.000	9.7915	-.208	-2.08	14.515	.275	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



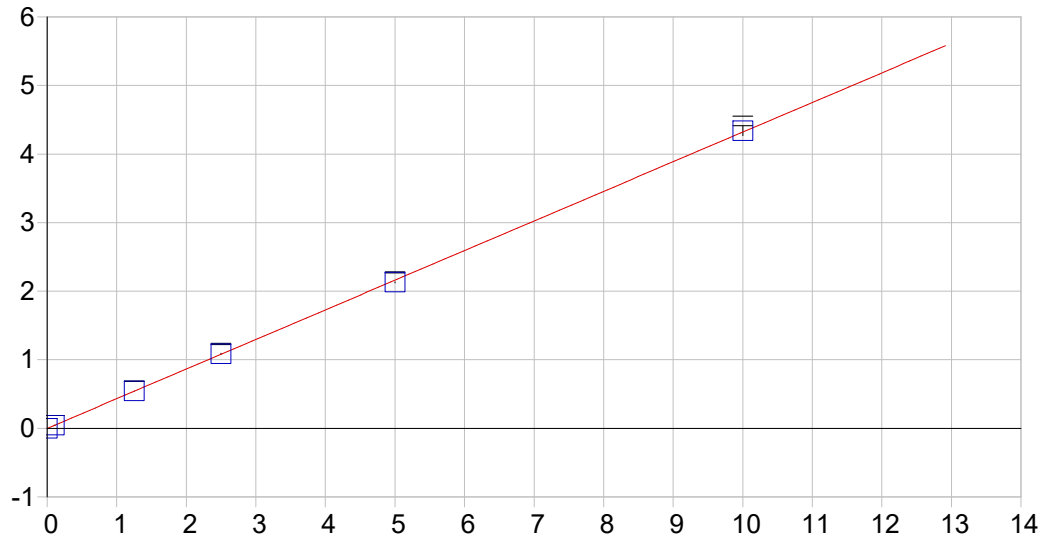
Sn 189.989 {478}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000291	Re-Slope:	1.000000
A1 (Gain):	0.140174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.001630		
Predicted MQL:	0.005434		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.00700	.00763	.001	8.98	.00132	.000	1
S2	1.2500	1.2303	-.020	-1.58	.17186	.000	1
S3	2.5000	2.4796	-.020	-.818	.34611	.001	1
S4	5.0000	4.9930	-.007	-.141	.69667	.002	1
S5	10.000	10.047	.047	.466	1.4015	.004	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



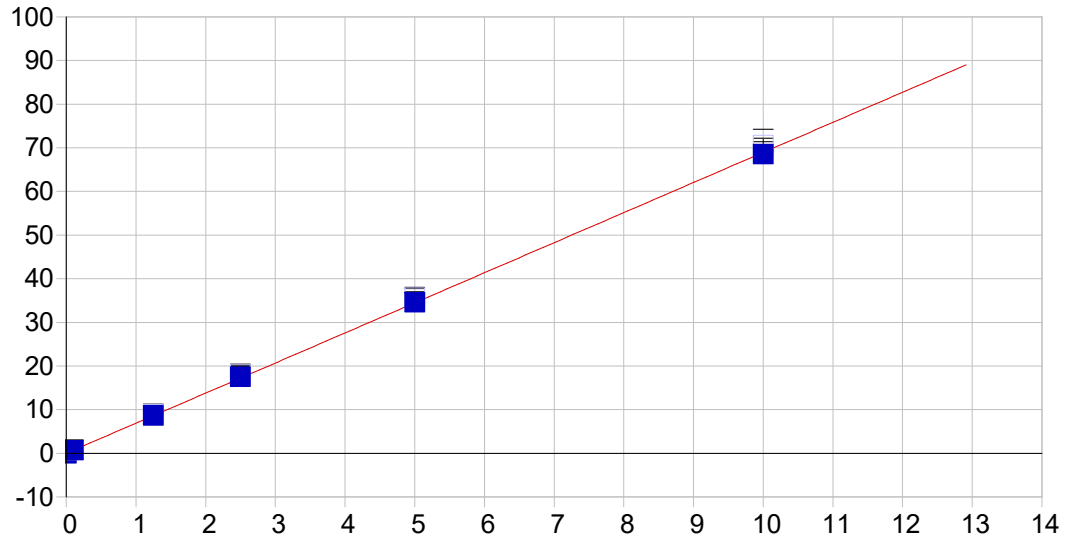
Ti 336.121 {100}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000132	Re-Slope:	1.000000
A1 (Gain):	0.431982	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000212		
Predicted MDL:	0.004090		
Predicted MQL:	0.013635		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00013	.001	1
S1	.10000	.10607	.006	6.07	.04595	.000	1
S2	1.2500	1.2553	.005	.427	.54241	.002	1
S3	2.5000	2.5144	.014	.576	1.0863	.008	1
S4	5.0000	4.9312	-.069	-1.38	2.1303	.007	1
S5	10.000	10.043	.043	.430	4.3385	.071	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5



Sr 407.771 { 83}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002286	Re-Slope:	1.000000
A1 (Gain):	6.894000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.003216		
Predicted MDL:	0.000321		
Predicted MQL:	0.001071		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00235	.003	1
S1	.10000	.10706	.007	7.06	.73647	.007	1
S2	1.2500	1.2565	.006	.518	8.9184	.082	1
S3	2.5000	2.5355	.036	1.42	17.995	.135	1
S4	5.0000	5.0130	.013	.259	35.591	.156	1
S5	10.000	9.9382	-.062	-.618	70.580	1.44	1

Reviewed By:mohan
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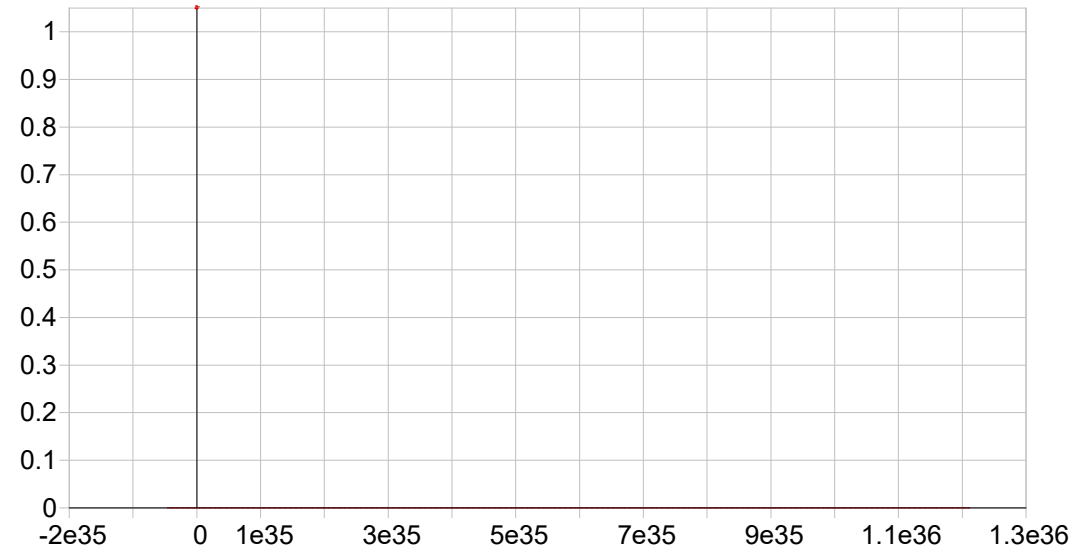
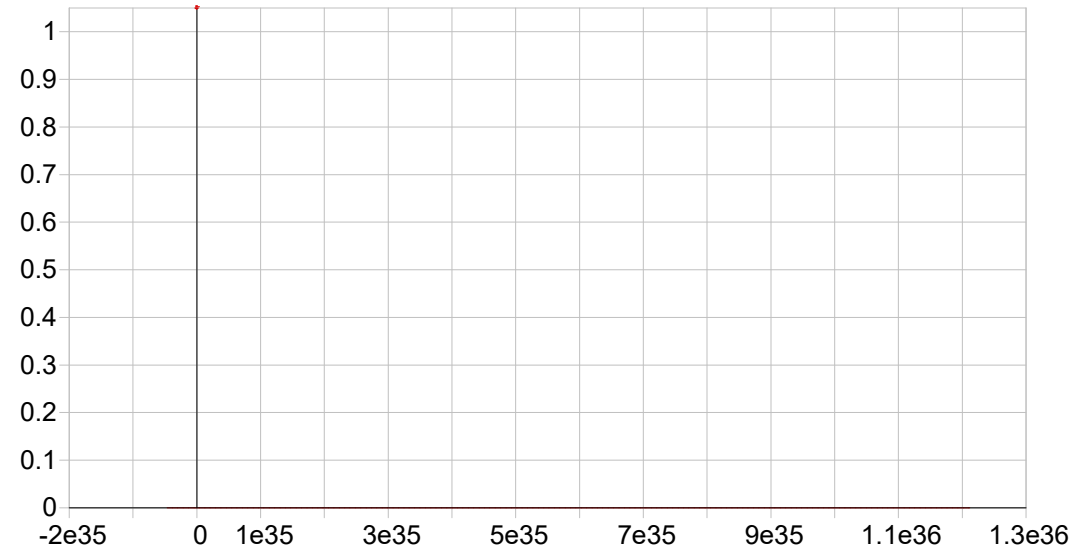


Y 224.306 {450}*

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:12/31/2024
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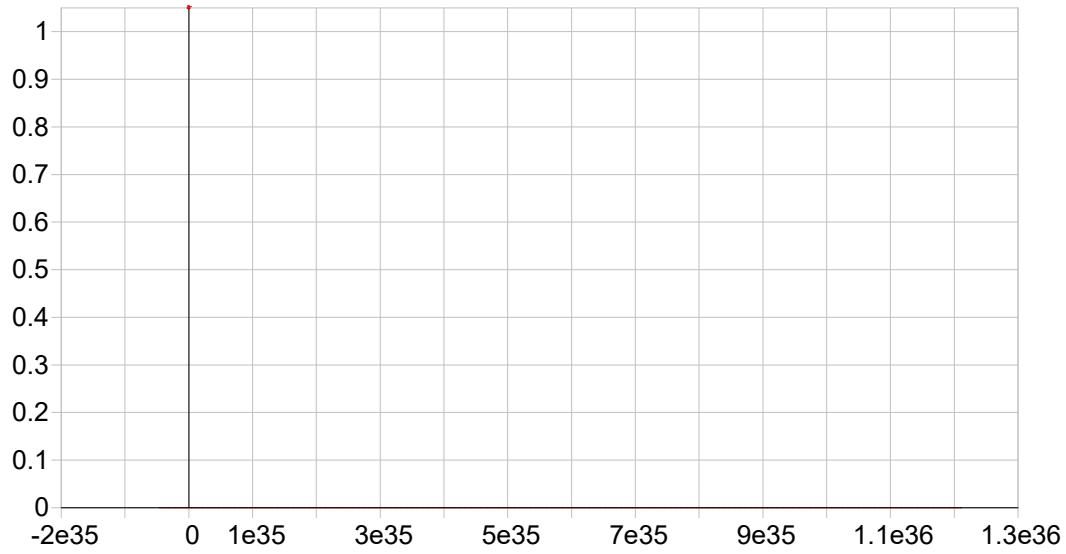
Inst Id :P5

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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



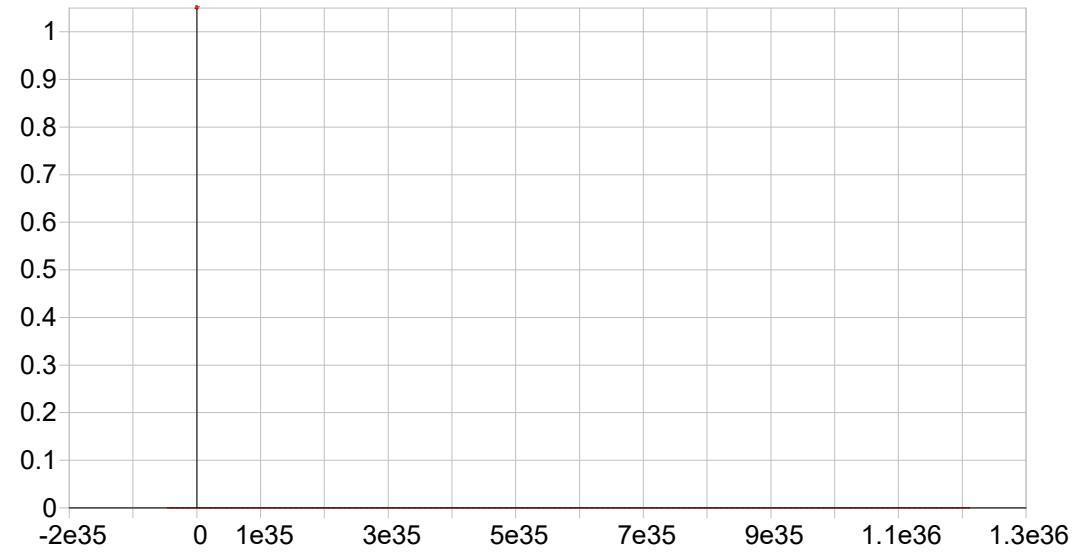
Y 371.030 { 91}*

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

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

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

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

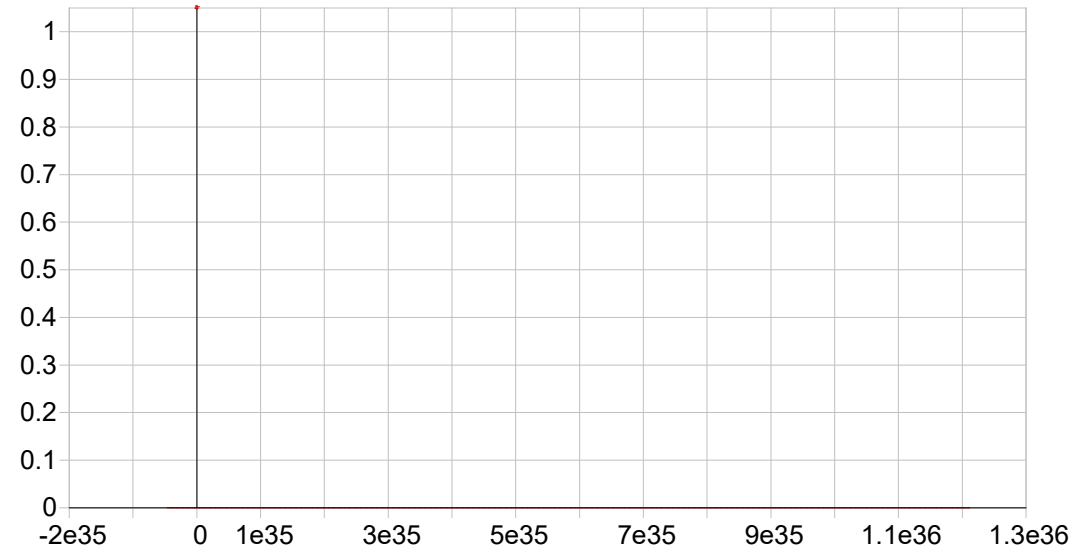


Y 224.306 {150}*

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:12/31/2024
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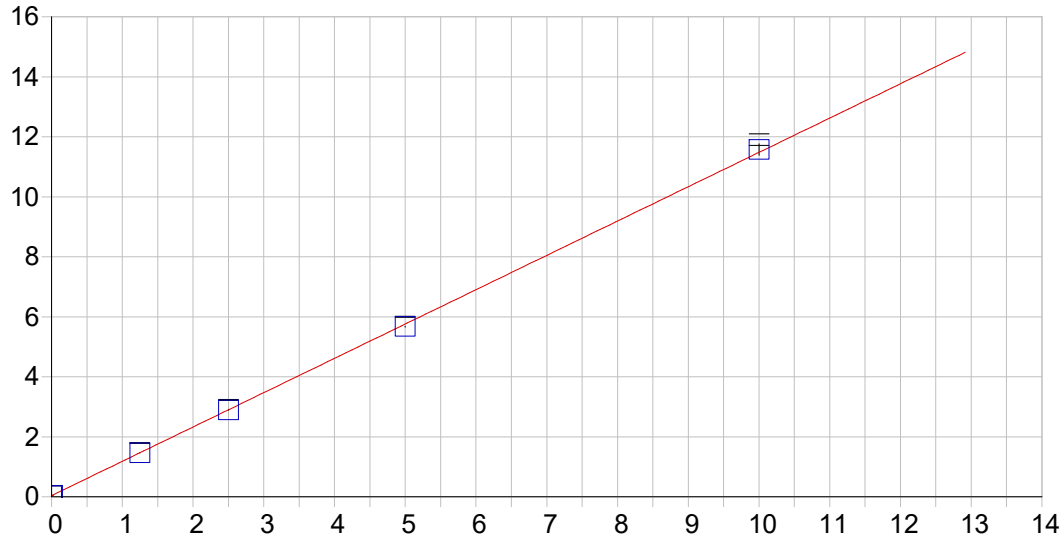
Inst Id :P5

A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

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



Li 670.784 { 50}

Date of Fit:	12/29/2024 23:24:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.037148	Re-Slope:	1.000000
A1 (Gain):	1.144100	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000242		
Predicted MDL:	0.004104		
Predicted MQL:	0.013680		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03715	.005	1
S5	10.000	10.086	.086	.861	11.577	.190	1
S4	5.0000	4.9234	-.077	-1.53	5.6700	.014	1
S3	2.5000	2.4978	-.002	-.088	2.8949	.017	1
S2	1.2500	1.2434	-.007	-.526	1.4597	.011	1
S1	.01500	.01428	-.001	-4.79	.05349	.002	1

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/29/2024 1:11:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.44832	-.00039	.00090	.00008	.00000	-.00199	.05848	.00223
Stddev	.50001	.00014	.00015	.00014	.00002	.00313	.00317	.00180
%RSD	111.53	35.531	16.163	165.96	544.62	156.91	5.4269	80.801
#1	1.0256	-.00035	.00084	.00002	.00000	-.00258	.05913	.00126
#2	.15210	-.00054	.00079	-.00001	-.00002	-.00479	.05503	.00430
#3	.16725	-.00028	.00107	.00024	.00003	.00139	.06127	.00112

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	.00059	.00834	.00001	-.00073	.00297	.00010	.00123	-.00049
Stddev	.00019	.00215	.00003	.00015	.00042	.00068	.00057	.00165
%RSD	32.555	25.814	558.73	21.161	14.280	683.53	46.565	333.08
#1	.00062	.00888	-.00002	-.00068	.00319	.00087	.00067	.00139
#2	.00076	.00597	.00003	-.00060	.00325	-.00045	.00120	-.00163
#3	.00038	.01017	.00001	-.00090	.00248	-.00012	.00182	-.00125

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	-.00053	.00049	-.02268	.00049	.00813	.08725	-.00276	.00502
Stddev	.00037	.00015	.00998	.00065	.00018	.00087	.00027	.00249
%RSD	69.334	31.123	44.016	133.42	2.1644	.99502	9.9426	49.654
#1	-.00070	.00031	-.03362	.00096	.00794	.08770	-.00247	.00217
#2	-.00011	.00059	-.02034	.00077	.00815	.08780	-.00278	.00676
#3	-.00079	.00056	-.01407	-.00026	.00829	.08625	-.00302	.00615

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	.00017	-.00007	.01432	.00029	.00013	-.00235	.03715
Stddev	.00011	.00028	.00311	.00020	.00137	.00289	.00493
%RSD	63.236	376.99	21.679	68.952	1057.6	123.16	13.283
#1	.00016	-.00001	.01350	.00051	-.00071	.00097	.03372
#2	.00007	-.00038	.01776	.00012	-.00061	-.00367	.03492
#3	.00028	.00017	.01171	.00024	.00171	-.00433	.04280

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/29/2024 1:11:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	2045.6	25678.	1942.2	1298.6	1850.2
Stddev	5.5	195.	5.5	9.0	4.4
%RSD	.26710	.75996	.28553	.68971	.24028
#1	2039.6	25475.	1935.9	1289.3	1845.2
#2	2050.3	25864.	1946.4	1307.2	1853.4
#3	2046.9	25696.	1944.3	1299.3	1852.2

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/29/2024 1:16:00 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1.5442	.00174	.00425	.00202	.00572	.02223	.99502	.05534
Stddev	.1633	.00044	.00038	.00038	.00036	.00074	.00724	.00257
%RSD	10.577	25.492	8.8234	19.040	6.3508	3.3175	.72754	4.6390
#1	1.4409	.00123	.00441	.00180	.00560	.02255	.99074	.05405
#2	1.7325	.00199	.00452	.00246	.00543	.02138	1.0034	.05830
#3	1.4592	.00200	.00382	.00180	.00612	.02275	.99094	.05368

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	.02206	.30626	.00197	.05216	.00723	.00268	.00828	.05028
Stddev	.00050	.00274	.00012	.00059	.00207	.00024	.00059	.00085
%RSD	2.2809	.89368	5.9792	1.1283	28.694	8.9452	7.0907	1.6872
#1	.02152	.30471	.00199	.05220	.00721	.00278	.00888	.05081
#2	.02251	.30942	.00209	.05156	.00516	.00241	.00824	.05074
#3	.02214	.30465	.00185	.05273	.00931	.00286	.00771	.04931

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	.03712	.00299	1.3310	.00509	.17048	.21616	-.00196	.00421
Stddev	.00032	.00014	.0196	.00134	.00157	.00357	.00049	.00065
%RSD	.87299	4.7825	1.4692	26.418	.92381	1.6518	24.692	15.347
#1	.03748	.00306	1.3119	.00373	.16975	.21222	-.00201	.00362
#2	.03687	.00282	1.3510	.00513	.16940	.21708	-.00243	.00412
#3	.03700	.00308	1.3300	.00641	.17228	.21918	-.00146	.00490

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	.00558	.00366	.37731	.00132	.04595	.73647	.05349
Stddev	.00041	.00016	.00368	.00012	.00006	.00701	.00205
%RSD	7.3530	4.4741	.97444	9.3576	.12622	.95184	3.8374
#1	.00576	.00384	.37546	.00130	.04602	.73104	.05123
#2	.00511	.00362	.38155	.00121	.04594	.74438	.05400
#3	.00587	.00352	.37493	.00145	.04590	.73398	.05523

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/29/2024 1:16:00 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	2044.3	25511.	1957.2	1300.8	1854.6
Stddev	5.5	58.	24.2	8.4	3.4
%RSD	.27134	.22724	1.2343	.64574	.18103
#1	2038.9	25531.	1979.4	1308.8	1851.9
#2	2050.0	25556.	1931.5	1301.6	1858.3
#3	2044.0	25445.	1960.7	1292.0	1853.5

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/29/2024 1:20:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	158.23	.10074	2.1474	.08378	.12856	4.6851	11.361	1.3114
Stddev	.51	.00028	.0046	.00056	.00017	.0237	.096	.0054
%RSD	.32399	.27596	.21183	.67039	.12903	.50523	.84786	.41070
#1	158.25	.10090	2.1483	.08330	.12875	4.7123	11.451	1.3110
#2	158.74	.10042	2.1424	.08365	.12847	4.6689	11.373	1.3169
#3	157.71	.10090	2.1514	.08439	.12846	4.6741	11.259	1.3062

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6623	3.6787	.75189	.62808	.72972	.79576	1.7675	.61606
Stddev	.0041	.0284	.00057	.00164	.00762	.00597	.0090	.00496
%RSD	.15362	.77098	.07622	.26151	1.0445	.75031	.50731	.80448
#1	2.6649	3.7063	.75153	.62774	.73804	.80182	1.7758	.62029
#2	2.6576	3.6803	.75255	.62664	.72807	.79557	1.7686	.61728
#3	2.6645	3.6496	.75158	.62987	.72306	.78989	1.7580	.61061

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	.57429	.07721	11.592	.06029	9.7189	1.0505	.11762	1.2008
Stddev	.00211	.00019	.019	.00083	.0468	.0065	.00017	.0047
%RSD	.36827	.24261	.16482	1.3783	.48099	.61785	.14829	.39391
#1	.57601	.07735	11.581	.06118	9.7710	1.0563	.11771	1.1997
#2	.57193	.07700	11.614	.06014	9.6805	1.0518	.11742	1.2060
#3	.57493	.07728	11.581	.05954	9.7052	1.0435	.11772	1.1968

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	.62425	.04534	1.9346	.17186	.54241	8.9184	1.4597
Stddev	.00082	.00010	.0078	.00021	.00245	.0821	.0113
%RSD	.13183	.22218	.40114	.12156	.45156	.92077	.77339
#1	.62341	.04524	1.9383	.17200	.54517	9.0111	1.4699
#2	.62506	.04535	1.9399	.17162	.54158	8.8891	1.4617
#3	.62428	.04544	1.9257	.17196	.54049	8.8550	1.4476

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/29/2024 1:20:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	2032.2	25754.	2001.1	1296.0	1765.5
Stddev	1.0	160.	14.6	10.9	3.1
%RSD	.04798	.62193	.73163	.83722	.17780
#1	2032.3	25573.	1984.7	1283.8	1765.7
#2	2031.2	25877.	2006.0	1304.6	1768.5
#3	2033.1	25812.	2012.7	1299.7	1762.2

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/29/2024 1:23:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	308.95	.20041	4.2830	.16772	.25755	9.3984	22.768	2.6222
Stddev	1.13	.00100	.0028	.00056	.00109	.0365	.118	.0177
%RSD	.36566	.50111	.06462	.33259	.42359	.38881	.51611	.67447
#1	308.37	.20139	4.2802	.16710	.25874	9.4168	22.862	2.6408
#2	310.25	.20046	4.2831	.16819	.25730	9.4220	22.804	2.6056
#3	308.22	.19938	4.2857	.16786	.25660	9.3563	22.636	2.6201

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	5.3128	7.3056	1.4801	1.2407	1.4458	1.5808	3.5192	1.2291
Stddev	.0053	.0484	.0011	.0011	.0061	.0091	.0186	.0075
%RSD	.09944	.66308	.07323	.08555	.42203	.57539	.52735	.60777
#1	5.3067	7.3543	1.4814	1.2395	1.4516	1.5862	3.5363	1.2360
#2	5.3162	7.3049	1.4796	1.2408	1.4463	1.5858	3.5219	1.2302
#3	5.3155	7.2575	1.4794	1.2416	1.4395	1.5703	3.4995	1.2211

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	1.1498	.15390	25.334	.11901	19.364	2.0553	.24316	2.4312
Stddev	.0013	.00039	.137	.00040	.097	.0067	.00053	.0175
%RSD	.10861	.25460	.54200	.33952	.50001	.32545	.21917	.72161
#1	1.1488	.15348	25.491	.11926	19.375	2.0630	.24356	2.4494
#2	1.1512	.15425	25.275	.11923	19.455	2.0525	.24336	2.4143
#3	1.1494	.15397	25.237	.11854	19.262	2.0505	.24255	2.4300

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	1.2470	.09219	3.8326	.34611	1.0863	17.995	2.8949
Stddev	.0020	.00009	.0271	.00053	.0084	.135	.0173
%RSD	.16123	.09961	.70750	.15436	.77365	.75115	.59912
#1	1.2461	.09210	3.8618	.34549	1.0915	18.129	2.9060
#2	1.2493	.09229	3.8081	.34639	1.0908	17.997	2.9038
#3	1.2457	.09219	3.8280	.34644	1.0766	17.858	2.8749

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: S3 Acquired: 12/29/2024 1:23:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1970.5	25133.	1947.7	1248.5	1688.6
Stddev	3.5	70.	7.8	5.8	2.9
%RSD	.17881	.27917	.40040	.46519	.17079
#1	1966.4	25208.	1939.2	1250.4	1685.4
#2	1972.7	25069.	1954.4	1241.9	1690.9
#3	1972.3	25122.	1949.6	1253.0	1689.6

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/29/2024 1:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	598.23	.39618	8.6240	.33270	.52060	18.557	44.749	5.0470
Stddev	1.61	.00126	.0198	.00082	.00138	.062	.142	.0424
%RSD	.26916	.31740	.22972	.24537	.26491	.33585	.31798	.83944
#1	597.10	.39521	8.6011	.33211	.51931	18.624	44.898	5.0919
#2	597.51	.39572	8.6360	.33235	.52044	18.548	44.734	5.0412
#3	600.07	.39760	8.6349	.33363	.52205	18.500	44.615	5.0078

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	10.568	14.208	2.9058	2.4548	2.8306	3.0786	6.8237	2.4037
Stddev	.035	.043	.0042	.0030	.0138	.0083	.0155	.0070
%RSD	.33319	.30504	.14585	.12249	.48665	.26861	.22765	.29262
#1	10.528	14.251	2.9067	2.4515	2.8375	3.0854	6.8410	2.4110
#2	10.588	14.208	2.9012	2.4553	2.8396	3.0809	6.8109	2.3970
#3	10.589	14.164	2.9095	2.4575	2.8148	3.0694	6.8193	2.4030

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	2.2976	.30702	53.326	.23562	38.529	3.9899	.49909	4.6672
Stddev	.0063	.00084	.332	.00091	.172	.0079	.00160	.0269
%RSD	.27325	.27423	.62175	.38526	.44675	.19705	.31978	.57686
#1	2.2906	.30651	53.671	.23576	38.473	3.9972	.49756	4.6955
#2	2.3026	.30657	53.298	.23465	38.391	3.9911	.50074	4.6642
#3	2.2997	.30799	53.009	.23645	38.722	3.9816	.49896	4.6419

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	2.4994	.18950	7.3160	.69667	2.1303	35.591	5.6700
Stddev	.0048	.00031	.0462	.00201	.0068	.156	.0140
%RSD	.19252	.16459	.63137	.28879	.31906	.43827	.24756
#1	2.4944	.18936	7.3670	.69449	2.1368	35.702	5.6843
#2	2.4997	.18929	7.3041	.69846	2.1309	35.658	5.6695
#3	2.5041	.18986	7.2769	.69704	2.1233	35.413	5.6562

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/29/2024 1:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1883.5	24352.	1950.6	1182.1	1598.6
Stddev	2.7	61.	14.3	3.4	.8
%RSD	.14121	.24897	.73117	.28589	.04966
#1	1885.6	24381.	1939.5	1186.0	1599.5
#2	1884.3	24282.	1945.6	1179.8	1598.4
#3	1880.5	24393.	1966.7	1180.6	1598.0

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/29/2024 1:31:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1147.4	.77573	17.392	.66411	1.0779	38.035	91.425	10.056
Stddev	1.9	.00166	.023	.00139	.0033	.609	1.415	.190
%RSD	.16983	.21463	.13341	.20959	.31023	1.6010	1.5481	1.8883
#1	1146.2	.77744	17.417	.66453	1.0751	38.736	93.054	10.275
#2	1146.4	.77564	17.389	.66255	1.0769	37.641	90.495	9.9387
#3	1149.7	.77411	17.371	.66523	1.0816	37.728	90.727	9.9548

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	21.033	28.469	5.7163	4.8885	5.6944	6.1228	13.618	4.8540
Stddev	.040	.432	.0083	.0086	.0813	.1056	.229	.0823
%RSD	.19025	1.5192	.14538	.17611	1.4274	1.7241	1.6805	1.6948
#1	21.076	28.968	5.7094	4.8980	5.7876	6.2438	13.881	4.9480
#2	21.023	28.212	5.7255	4.8862	5.6568	6.0497	13.463	4.7953
#3	20.998	28.227	5.7139	4.8813	5.6387	6.0748	13.510	4.8186

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	4.5963	.62443	114.23	.47755	78.403	8.1567	1.0201	9.1869
Stddev	.0124	.00069	1.74	.01117	.507	.1186	.0017	.1625
%RSD	.27067	.10970	1.5194	2.3381	.64638	1.4534	.16685	1.7688
#1	4.6105	.62397	116.18	.49044	78.735	8.2936	1.0217	9.3738
#2	4.5913	.62521	113.68	.47083	78.654	8.0881	1.0202	9.0795
#3	4.5872	.62409	112.84	.47138	77.819	8.0885	1.0183	9.1073

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	5.1322	.38916	14.515	1.4015	4.3385	70.580	11.577
Stddev	.0133	.00104	.275	.0040	.0714	1.437	.190
%RSD	.26003	.26790	1.8922	.28199	1.6461	2.0356	1.6433
#1	5.1242	.39002	14.832	1.4059	4.4200	72.078	11.796
#2	5.1247	.38946	14.353	1.4005	4.2866	70.447	11.460
#3	5.1476	.38800	14.360	1.3982	4.3090	69.214	11.474

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/29/2024 1:31:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1761.7	23541.	1903.6	1079.3	1506.9
Stddev	1.2	96.	36.7	8.9	3.6
%RSD	.06686	.40632	1.9301	.82311	.23779
#1	1762.7	23561.	1861.7	1076.1	1504.2
#2	1762.0	23437.	1919.1	1072.4	1505.4
#3	1760.4	23625.	1930.1	1089.3	1510.9

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/29/2024 1:35:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	95.713	44.162	15.512	7.4582	314.62
Stddev	.392	.209	.072	.0423	.79
%RSD	.40908	.47427	.46164	.56647	.25214
#1	95.719	44.165	15.522	7.4669	314.01
#2	96.101	44.370	15.578	7.4954	315.51
#3	95.318	43.951	15.436	7.4123	314.32

Int. Std.	Y_3710
Units	Cts/S
Avg	1871.0
Stddev	.5
%RSD	.02652
#1	1870.9
#2	1870.5
#3	1871.5

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICV004 Acquired: 12/29/2024 1:54:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	1.098885	1.003591	.9734783	1.009322	.9639804	2.403303
Stddev	.005852	.008227	.0025810	.001266	.0042531	.013086
%RSD	.5325039	.8198048	.2651320	.1254604	.4412051	.5445062
#1	1.092139	1.000418	.9739037	1.009370	.9591191	2.409087
#2	1.102592	.997422	.9707111	1.008032	.9658071	2.388322
#3	1.101923	1.012933	.9758202	1.010563	.9670150	2.412501

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122599	.5196395	.5026764	10.27296	.5434993	.5089894
Stddev	.0016213	.0008888	.0012486	.04958	.0004497	.0014306
%RSD	.3165091	.1710382	.2483804	.4826046	.0827374	.2810703
#1	.5104314	.5188555	.5015247	10.22950	.5430065	.5075325
#2	.5128257	.5194580	.5025013	10.32696	.5438873	.5090434
#3	.5135225	.5206050	.5040033	10.26241	.5436043	.5103922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4868060	10.45946	.5173931	6.003799	.5120696	.2432002
Stddev	.0046707	.04868	.0025847	.044921	.0020766	.0004320
%RSD	.9594613	.4654409	.4995641	.7482155	.4055243	.1776279
#1	.4888287	10.40346	.5144764	6.033757	.5100618	.2430756
#2	.4814648	10.49170	.5193996	6.025492	.5119384	.2436808
#3	.4901244	10.48323	.5183032	5.952148	.5142087	.2428441

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.458800	.5080237	.9786025	9.066799	F .0023521	F .0048546
Stddev	.031423	.0155939	.0048954	.081798	.0012275	.0028686
%RSD	.3322088	3.069531	.5002418	.9021738	52.18773	59.08946
#1	9.423760	.5259446	.9815022	9.161252	.0030435	.0069267
#2	9.468161	.5005806	.9813548	9.019357	.0030778	.0015806
#3	9.484478	.4975460	.9729504	9.019789	.0009348	.0060565

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICV004 Acquired: 12/29/2024 1:54:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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 .0009572	F .0090615	F .0004874	F .0013679	F .0003981	F -.009259
Stddev	.0002041	.0033864	.0011532	.0003719	.0008774	.000343
%RSD	21.32138	37.37126	236.6251	27.19030	220.4138	3.704210
#1	.0007297	.0099955	.0003297	.0009421	-.000496	-.009040
#2	.0010176	.0118828	.0017113	.0015323	.001258	-.009082
#3	.0011243	.0053061	-.000579	.0016293	.000433	-.009654

Elem	Li6707
Units	ppm
Avg	F .0078623
Stddev	.0029066
%RSD	36.96823
#1	.0112183
#2	.0061482
#3	.0062204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.323	26445.87	1985.334	1342.619	1887.452
Stddev	1.082	34.11	9.464	3.610	.332
%RSD	.0514530	.1289719	.4767162	.2688908	.0175814
#1	2101.099	26479.63	1993.699	1341.502	1887.263
#2	2102.719	26446.55	1987.241	1339.699	1887.257
#3	2103.150	26411.43	1975.061	1346.656	1887.835

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICB004 Acquired: 12/29/2024 1:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.000230	.0006604	.0001994	.0008052	-.000675	.0008452	-.001250
Stddev	.002840	.0013343	.0011193	.0031475	.000674	.0233225	.001723
%RSD	1233.084	202.0263	561.3142	390.8873	99.77258	2759.285	137.8507
#1	-.003102	.0018992	.0014729	.0044392	-.001330	-.006077	.000518
#2	.002578	-.000752	-.000629	-.000963	-.000713	.026845	-.002923
#3	-.000167	.000834	-.000246	-.001060	.000016	-.018233	-.001344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	.0001137	.0273715	.0011604	.0003847	-.005304	.0128153
Stddev	.000007	.0000228	.0640886	.0009448	.0003721	.004668	.0214279
%RSD	8.423154	20.08205	234.1436	81.42155	96.74403	88.02114	167.2061
#1	-.000079	.0001107	.0727456	.0003029	.0000042	-.004484	.0284049
#2	-.000091	.0001380	-.045944	.0021733	.0007478	-.001099	.0216600
#3	-.000092	.0000926	.055313	.0010052	.0004020	-.010328	-.011619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003813	.0229955	.0004191	-.000081	.0592061	-.008701	.0000101
Stddev	.0005487	.0055358	.0000573	.000788	.0194104	.005823	.0004367
%RSD	143.8905	24.07360	13.68091	972.0907	32.78444	66.92727	4321.374
#1	.0002040	.0270275	.0003536	.000040	.0654087	-.004287	-.000419
#2	-.000057	.0166838	.0004603	-.000922	.0374525	-.015301	-.000004
#3	.000997	.0252752	.0004434	.000639	.0747572	-.006515	.000454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1357920	.0027407	.0013612	.0007353	-.000764	-.000488	-.000325
Stddev	.1884484	.0023609	.0036552	.0004355	.002046	.000459	.001231
%RSD	138.7772	86.14159	268.5292	59.22481	267.7613	93.93665	379.1307
#1	.2586942	.0032332	.0046431	.0011907	.001576	-.000614	.000768
#2	-.081171	.0001724	-.002578	.0003228	-.002218	.000020	-.000083
#3	.229853	.0048166	.002019	.0006925	-.001651	-.000872	-.001659

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICB004 Acquired: 12/29/2024 1:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0020958	.0002520	.0057479
Stddev	.0020294	.0001810	.0038260
%RSD	96.83233	71.83588	66.56335
#1	.0036052	.0002624	.0013302
#2	.0028933	.0004275	.0079925
#3	-.000211	.0000660	.0079211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.476	26009.49	1950.265	1317.034	1872.394
Stddev	4.698	46.37	26.768	3.106	1.720
%RSD	.2263563	.1782834	1.372534	.2358650	.0918862
#1	2070.784	26060.51	1953.087	1314.724	1872.862
#2	2075.464	25969.90	1975.510	1315.812	1870.488
#3	2080.180	25998.06	1922.198	1320.565	1873.833

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICSA004 Acquired: 12/29/2024 2:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0020400	-.016230	-.007998	.0209043	-.004613	243.6935
Stddev	.0035318	.003847	.000636	.0104193	.006383	.2577
%RSD	173.1269	23.70195	7.947183	49.84303	138.3692	.1057617
#1	-.002016	-.014336	-.008481	.0194453	.001386	243.8923
#2	.004439	-.013698	-.008235	.0112913	-.011320	243.7859
#3	.003697	-.020657	-.007278	.0319762	-.003905	243.4023

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035555	.0045441	.0008689	248.9655	.0516854	.0053239
Stddev	.0005994	.0002461	.0001151	.4477	.0006116	.0003541
%RSD	16.85929	5.415423	13.24390	.1798238	1.183332	6.650519
#1	.0041802	.0043126	.0009744	249.4825	.0517059	.0051298
#2	.0029850	.0045172	.0007462	248.7049	.0522865	.0057326
#3	.0035014	.0048026	.0008861	248.7092	.0510638	.0051094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014790	103.1241	.0092838	261.4306	.0030770	.0007914
Stddev	.011698	.3453	.0008058	.3216	.0003618	.0008031
%RSD	79.09024	.3348273	8.680131	.1230092	11.75840	101.4814
#1	-.015725	103.0157	.0092739	261.0803	.0026610	.0017110
#2	-.002653	102.8460	.0100946	261.4989	.0032507	.0002282
#3	-.025992	103.5105	.0084830	261.7125	.0033191	.0004349

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1283626	.0124767	-.034618	-.252869	.0004366	F .0263406
Stddev	.0159392	.0089585	.000327	.092468	.0019205	.0011242
%RSD	12.41734	71.80212	.9451123	36.56753	439.9329	4.268098
#1	.1146006	.0227984	-.034462	-.299712	.0014115	.0275537
#2	.1458273	.0079081	-.034397	-.146353	.0016740	.0261341
#3	.1246599	.0067234	-.034994	-.312541	-.001776	.0253339

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICSA004 Acquired: 12/29/2024 2:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0018990	.0113739	-.003332	F .0115438	.0027027	.0003317
Stddev	.0005765	.0011394	.000168	.0030977	.0009712	.0008366
%RSD	30.36046	10.01807	5.028410	26.83406	35.93411	252.1954
#1	.0021321	.0114779	-.003348	.0089960	.0017052	.0008485
#2	.0012424	.0101860	-.003491	.0149919	.0027576	.0007801
#3	.0023225	.0124578	-.003157	.0106436	.0036453	-.000633

Elem	Li6707
Units	ppm
Avg	.0142620
Stddev	.0015282
%RSD	10.71499
#1	.0125000
#2	.0152261
#3	.0150599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.478	24733.18	1924.499	1262.417	1673.965
Stddev	3.007	110.34	4.143	10.032	3.043
%RSD	.1522877	.4461299	.2152954	.7946960	.1817705
#1	1974.062	24606.41	1919.834	1251.399	1677.241
#2	1977.671	24807.68	1925.909	1264.828	1673.426
#3	1971.701	24785.44	1927.753	1271.025	1671.227

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICSAB004 Acquired: 12/29/2024 2:06:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.1118776	.0902661	.0454975	.0671178	.6258105	241.7928
Stddev	.0027533	.0080685	.0011954	.0156508	.0039188	.1671
%RSD	2.460966	8.938586	2.627335	23.31846	.6262033	.0691190
#1	.1149922	.0993057	.0468375	.0654370	.6292711	241.8254
#2	.1108724	.0837930	.0445409	.0835411	.6215552	241.6118
#3	.1097681	.0876996	.0451139	.0523751	.6266052	241.9412

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5620740	.5698206	1.087140	246.4959	.6230870	.5447231
Stddev	.0025663	.0025451	.001308	.3235	.0024054	.0018359
%RSD	.4565821	.4466581	.1203552	.1312490	.3860538	.3370374
#1	.5609856	.5681219	1.086819	246.7250	.6205242	.5455640
#2	.5650052	.5727469	1.086022	246.6371	.6234407	.5426173
#3	.5602313	.5685930	1.088580	246.1258	.6252960	.5459879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4882767	102.5813	.5603140	259.8846	1.080984	.2179611
Stddev	.0181526	.1212	.0014494	.9389	.001274	.0014534
%RSD	3.717698	.1181418	.2586804	.3612915	.1178463	.6668052
#1	.5078297	102.7210	.5619657	260.9668	1.081740	.2163477
#2	.4719596	102.5043	.5592544	259.2859	1.079513	.2183680
#3	.4850409	102.5185	.5597218	259.4012	1.081698	.2191678

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1163312	.5504531	1.042323	-.498539	.0006253	F .0264078
Stddev	.0297385	.0082175	.003599	.203992	.0055238	.0007416
%RSD	25.56360	1.492860	.3453101	40.91805	883.3752	2.808309
#1	.1384750	.5426655	1.040507	-.560669	.0007880	.0266951
#2	.1279886	.5590418	1.046469	-.664242	.0060659	.0255656
#3	.0825302	.5496521	1.039994	-.270705	-.004978	.0269629

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: ICSAB004 Acquired: 12/29/2024 2:06:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0010875	.0221817	-.000917	F .0105060	-.003374	-.000398
Stddev	.0011451	.0026426	.001279	.0030422	.005351	.000730
%RSD	105.3022	11.91350	139.5579	28.95707	158.6099	183.5243
#1	.0021298	.0227342	-.000002	.0123220	-.008939	-.001218
#2	.0012709	.0193065	-.000369	.0069938	-.002917	.000182
#3	-.000138	.0245043	-.002379	.0122022	.001734	-.000158

Elem	Li6707
Units	ppm
Avg	.0070975
Stddev	.0037647
%RSD	53.04287
#1	.0031845
#2	.0106939
#3	.0074142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.087	25013.61	1944.798	1271.857	1683.903
Stddev	3.367	120.94	1.297	3.867	2.833
%RSD	.1694210	.4834908	.0667023	.3040578	.1682220
#1	1990.056	25059.00	1946.293	1272.457	1685.564
#2	1987.774	25105.29	1943.970	1275.390	1685.513
#3	1983.429	24876.55	1944.132	1267.725	1680.632

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV033 Acquired: 12/29/2024 2:10:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	5.072976	4.786423	24.55027	5.011241	4.932659	398.6572	9.922427
Stddev	.007198	.004474	.00843	.014093	.009689	3.7633	.108083
%RSD	.1418799	.0934635	.0343494	.2812332	.1964209	.9439933	1.089280
#1	5.080031	4.791511	24.55657	5.001586	4.924731	400.2453	9.970314
#2	5.073254	4.784652	24.54069	5.027414	4.929786	394.3602	9.798674
#3	5.065644	4.783106	24.55354	5.004725	4.943459	401.3661	9.998294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5123268	2.475789	398.8472	15.59437	2.387948	14.62614	404.8100
Stddev	.0060724	.001351	3.6243	.45867	.000692	.10301	3.1735
%RSD	1.185262	.0545657	.9086938	2.941246	.0289640	.7042882	.7839360
#1	.5193364	2.476113	400.8080	15.22180	2.388292	14.64650	406.1086
#2	.5089758	2.474305	394.6650	16.10664	2.388400	14.51447	401.1932
#3	.5086682	2.476948	401.0687	15.45465	2.387151	14.71745	407.1281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59925	399.7624	2.487871	1.282914	413.6465	2.465894	15.03623
Stddev	.14163	3.9731	.001312	.034682	3.8259	.024389	.46576
%RSD	.9701104	.9938543	.0527185	2.703403	.9249147	.9890461	3.097586
#1	14.67007	401.6970	2.489365	1.255058	417.2888	2.474441	14.62736
#2	14.43619	395.1926	2.487334	1.321759	409.6602	2.438382	15.54324
#3	14.69151	402.3976	2.486913	1.271923	413.9904	2.484859	14.93808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0521	4.964559	4.932342	4.924602	5.014034	4.849377	4.998613
Stddev	1.9241	.004830	.044727	.008284	.010835	.055390	.003551
%RSD	1.282317	.0972845	.9068076	.1682156	.2160973	1.142218	.0710325
#1	150.9262	4.970128	4.980959	4.917042	5.002401	4.908557	4.999739
#2	147.8461	4.961504	4.923126	4.933458	5.015860	4.840796	5.001465
#3	151.3841	4.962047	4.892942	4.923305	5.023839	4.798778	4.994636

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV033 Acquired: 12/29/2024 2:10:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	4.955065	4.612590	5.034153
Stddev	.049824	.039949	.058735
%RSD	1.005518	.8660783	1.166721
#1	4.986758	4.628979	5.060555
#2	4.897636	4.567053	4.966851
#3	4.980800	4.641737	5.075054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.412	23342.78	1906.191	1136.801	1548.289
Stddev	3.954	658.80	19.124	36.467	2.625
%RSD	.2154454	2.822268	1.003272	3.207898	.1695243
#1	1839.953	23911.46	1884.166	1169.887	1550.275
#2	1833.551	22620.87	1918.581	1097.700	1549.280
#3	1832.732	23496.00	1915.828	1142.814	1545.314

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB033 Acquired: 12/29/2024 2:14:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.002973	-.000043	.0033779	-.000950	-.003358	-.027518
Stddev	.002013	.004577	.0012894	.005534	.002279	.028885
%RSD	67.70574	10764.56	38.17220	582.7386	67.88599	104.9696
#1	-.005142	.003730	.0019360	-.006934	-.003062	-.060685
#2	-.002614	.001276	.0044202	.003982	-.005771	-.007883
#3	-.001164	-.005133	.0037776	.000104	-.001241	-.013985

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001103	-.000017	.0000656	.0070440	.0005421	.0000038
Stddev	.001764	.000046	.0000955	.0061972	.0003477	.0005951
%RSD	159.8847	278.6767	145.5898	87.97833	64.13194	15862.33
#1	-.001344	.000036	-.000039	.0136483	.0002006	-.000456
#2	-.002735	-.000048	.000087	.0013559	.0005300	.000676
#3	.000769	-.000039	.000148	.0061277	.0008956	-.000209

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	.0260694	.0002083	-.059989	.0001182	-.000117
Stddev	.004010	.0210888	.0004465	.081109	.0002010	.000900
%RSD	1892.214	80.89489	214.3174	135.2076	170.0017	767.1565
#1	.003957	.0415334	-.000062	-.102679	.0001214	-.000575
#2	-.000552	.0020467	.000724	-.110837	.0003176	-.000695
#3	-.004041	.0346281	-.000037	.033550	-.000084	.000919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796504	-.003692	.0020285	.3251604	.0006514	.0110715
Stddev	.0406265	.016949	.0001238	.1335230	.0010860	.0026845
%RSD	51.00609	459.0789	6.104394	41.06374	166.7222	24.24691
#1	.0330594	-.021336	.0021456	.2827759	.0017868	.0119931
#2	.0982046	-.002203	.0020411	.2179740	-.000377	.0131738
#3	.1076871	.012463	.0018989	.4747312	.000545	.0080476

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB033 Acquired: 12/29/2024 2:14:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0007256	.0063367	-.000421	-.000143	.0004941	.0000533
Stddev	.0003076	.0020552	.000107	.001280	.0021983	.0001638
%RSD	42.38430	32.43310	25.54548	898.3593	444.9540	307.3666
#1	.0003710	.0086888	-.000308	-.001149	.0027922	-.000135
#2	.0009198	.0054338	-.000433	-.000577	-.001589	.000137
#3	.0008861	.0048875	-.000522	.001299	.000278	.000158

Elem	Li6707
Units	ppm
Avg	F .0168108
Stddev	.0058634
%RSD	34.87900
#1	.0100621
#2	.0206550
#3	.0197154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.598	26049.45	1938.825	1322.321	1875.729
Stddev	2.812	160.35	5.894	12.027	6.632
%RSD	.1353390	.6155609	.3040215	.9095623	.3535942
#1	2075.335	26204.64	1942.574	1332.860	1868.965
#2	2080.746	26059.33	1941.870	1324.885	1882.222
#3	2076.713	25884.40	1932.031	1309.218	1876.001

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165360BL Acquired: 12/29/2024 2:18:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS360 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005241	-.001248	-.000869	-.003772	-.002100	-.002027	-.001856
Stddev	.000808	.001027	.001396	.001515	.001700	.004813	.001140
%RSD	15.41545	82.24935	160.7296	40.17358	80.96838	237.3929	61.41491
#1	-.005610	-.002274	.000272	-.002257	-.003990	.002238	-.003163
#2	-.005799	-.000221	-.000452	-.003771	-.000696	-.007245	-.001069
#3	-.004315	-.001249	-.002425	-.005288	-.001613	-.001075	-.001335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.000055	.0066567	-.000137	.0000236	-.007154	-.016769
Stddev	.000103	.000038	.0354285	.000610	.0006984	.007622	.022151
%RSD	98.75488	69.38875	532.2232	443.9157	2960.713	106.5411	132.0925
#1	-.000214	-.000025	.0014482	-.000710	-.000018	-.007030	.007422
#2	-.000012	-.000098	-.025879	.000503	.000742	.000405	-.036058
#3	-.000086	-.000041	.044401	-.000205	-.000653	-.014837	-.021670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001589	-.062669	-.000408	-.000090	.0175610	-.001841	-.000553
Stddev	.002629	.094345	.000536	.001006	.0206390	.003610	.000279
%RSD	165.4568	150.5453	131.3821	1121.706	117.5271	196.1125	50.35113
#1	-.000250	-.133940	-.000173	.000027	.0383474	-.006006	-.000252
#2	.000101	.044320	-.000030	-.001149	.0172630	.000087	-.000606
#3	-.004618	-.098385	-.001021	.000853	-.002927	.000396	-.000802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2015665	.0007209	.0027185	.0001266	.0048630	-.000627	-.001338
Stddev	.0199533	.0022907	.0019249	.0002336	.0039291	.001022	.002257
%RSD	9.899136	317.7670	70.80650	184.5673	80.79595	163.1540	168.7781
#1	.2062354	.0013173	.0008926	.0001521	.0005800	.000301	-.002382
#2	.2187714	.0026545	.0025338	-.000119	.0057084	-.000458	.001253
#3	.1796927	-.001809	.0047291	.000346	.0083006	-.001723	-.002883

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165360BL Acquired: 12/29/2024 2:18:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS360 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0006477	-.000100	.0077230
Stddev	.0015952	.000335	.0056340
%RSD	246.2955	336.2041	72.95135
#1	.0001158	-.000431	.0118855
#2	.0024409	.000238	.0013119
#3	-.000614	-.000106	.0099717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.786	26166.07	1904.238	1327.918	1860.055
Stddev	1.835	63.50	9.839	.429	2.400
%RSD	.0889205	.2426690	.5166818	.0323412	.1290551
#1	2065.616	26150.11	1911.978	1327.573	1857.953
#2	2061.946	26236.03	1907.572	1327.782	1859.542
#3	2063.796	26112.08	1893.166	1328.399	1862.671

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165360BS Acquired: 12/29/2024 2:22:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS360 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145751	.0497997	.0185250	.0653098	.1089777	.3747955
Stddev	.0009952	.0020420	.0013385	.0046672	.0025873	.0131998
%RSD	6.828264	4.100488	7.225147	7.146201	2.374141	3.521865
#1	.0135393	.0516889	.0174355	.0698000	.1087731	.3898345
#2	.0146621	.0476332	.0181204	.0656457	.1064988	.3694223
#3	.0155240	.0500772	.0200190	.0604838	.1116612	.3651298

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3937035	.0102966	.0096126	9.791184	.0207404	.1041248
Stddev	.0023972	.0002049	.0001625	.064039	.0007391	.0009754
%RSD	.6088960	1.989937	1.690460	.6540485	3.563456	.9367670
#1	.3909467	.0100745	.0097088	9.717357	.0212203	.1039394
#2	.3948654	.0104783	.0094249	9.824472	.0198893	.1032554
#3	.3952984	.0103369	.0097040	9.831724	.0211116	.1051796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540259	.2086816	.0291732	10.03812	.0776117	.0187700
Stddev	.0026747	.0136440	.0006749	.09577	.0006911	.0010626
%RSD	4.950806	6.538209	2.313275	.9541110	.8904408	5.661300
#1	.0559897	.2147821	.0286865	10.02472	.0775746	.0175926
#2	.0551085	.1930516	.0299436	10.13989	.0769399	.0190597
#3	.0509796	.2182109	.0288894	9.94975	.0783206	.0196578

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.212712	.0981009	.1200436	9.557450	.0191221	F .0016193
Stddev	.024134	.0054117	.0007698	.104179	.0013702	.0024093
%RSD	.3346098	5.516465	.6412328	1.090027	7.165282	148.7872
#1	7.189446	.0921922	.1191939	9.546916	.0175674	.0009714
#2	7.211059	.0992942	.1206944	9.458938	.0196456	.0042864
#3	7.237630	.1028164	.1202425	9.666495	.0201534	-.000400

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165360BS Acquired: 12/29/2024 2:22:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS360 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206363	.1828277	F .4861489	.0123154	.2012396	.1971406
Stddev	.0001277	.0041561	.0034182	.0017256	.0023821	.0020483
%RSD	.6189947	2.273235	.7031274	14.01152	1.183700	1.039001
#1	.0206933	.1833404	.4840016	.0115546	.1985174	.1950238
#2	.0204900	.1784390	.4900907	.0142906	.2022596	.1991127
#3	.0207256	.1867036	.4843544	.0111009	.2029419	.1972854

Elem	Li6707
Units	ppm
Avg	F .0394626
Stddev	.0033208
%RSD	8.415051
#1	.0358686
#2	.0424172
#3	.0401019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.056	26242.29	1940.563	1332.759	1875.171
Stddev	12.224	24.52	4.747	3.610	10.575
%RSD	.5876667	.0934393	.2446122	.2708337	.5639542
#1	2086.585	26246.65	1944.108	1334.948	1880.200
#2	2087.628	26215.88	1935.170	1328.593	1882.293
#3	2065.954	26264.34	1942.410	1334.736	1863.020

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165369BL Acquired: 12/29/2024 2:26:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS369 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001262	-.000662	-.001368	-.001814	-.004068	-.017166	-.001392
Stddev	.003409	.004643	.000830	.001283	.003416	.008890	.000880
%RSD	270.0979	701.5597	60.64564	70.74215	83.98321	51.79076	63.17868
#1	.000966	.004681	-.000519	-.002075	-.007357	-.022712	-.002020
#2	.000434	-.003715	-.002176	-.000420	-.004310	-.006911	-.001770
#3	-.005187	-.002952	-.001408	-.002945	-.000537	-.021874	-.000387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000094	-.003386	.0004407	-.000052	-.009033	-.009126
Stddev	.000033	.000037	.019861	.0005070	.000571	.007709	.013407
%RSD	159.6224	39.55399	586.5845	115.0531	1100.147	85.33860	146.9193
#1	.000017	-.000051	-.017694	-.000127	.000570	-.015102	.005310
#2	-.000045	-.000118	.019289	.000601	-.000551	-.011638	-.011498
#3	-.000034	-.000114	-.011753	.000848	-.000175	-.000359	-.021188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000334	-.098420	-.000256	.0002290	.0327227	-.001272	-.002259
Stddev	.000589	.076853	.000233	.0008692	.0309152	.000788	.000400
%RSD	176.2281	78.08714	91.08978	379.6209	94.47650	61.96830	17.71427
#1	-.000097	-.186983	-.000280	-.000033	.0682245	-.001953	-.001823
#2	.000099	-.049253	-.000012	.001199	.0117368	-.001455	-.002609
#3	-.001004	-.059024	-.000477	-.000479	.0182066	-.000408	-.002347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2244814	.0013409	-.001277	.0000686	.0034085	-.001085	-.001660
Stddev	.3450367	.0020952	.001045	.0004756	.0061562	.001247	.000795
%RSD	153.7039	156.2506	81.86124	693.1265	180.6117	114.9894	47.90729
#1	.5863104	-.000722	-.001894	-.000455	-.002619	-.001211	-.002566
#2	.1879973	.001278	-.000070	.000474	.003159	.000221	-.001339
#3	-.100864	.003467	-.001866	.000186	.009686	-.002264	-.001076

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165369BL Acquired: 12/29/2024 2:26:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS369 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0008218	-.000194	.0058163
Stddev	.0004096	.000362	.0024945
%RSD	49.83849	186.6365	42.88858
#1	.0009864	.000223	.0076354
#2	.0011235	-.000383	.0068410
#3	.0003556	-.000422	.0029726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.488	26253.71	1948.682	1335.727	1878.077
Stddev	4.945	111.34	10.282	8.619	1.685
%RSD	.2378022	.4240951	.5276408	.6452465	.0897303
#1	2085.146	26131.98	1937.525	1325.853	1880.004
#2	2077.331	26278.74	1957.777	1339.588	1876.875
#3	2075.989	26350.40	1950.743	1341.740	1877.354

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165369BS Acquired: 12/29/2024 2:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS369 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156093	.0479353	.0175573	.0604666	.1070948	.3679428	.3837457
Stddev	.0018244	.0039263	.0004708	.0038371	.0009021	.0078269	.0023424
%RSD	11.68816	8.190857	2.681636	6.345786	.8423054	2.127210	.6104023
#1	.0168861	.0498684	.0177138	.0606428	.1081361	.3593105	.3820612
#2	.0135197	.0505203	.0179299	.0642126	.1065970	.3745771	.3827554
#3	.0164221	.0434172	.0170281	.0565445	.1065514	.3699407	.3864206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098108	.0093975	9.600411	.0199538	.1013565	.0498359	.1907741
Stddev	.0002049	.0000300	.096694	.0004687	.0000867	.0023918	.0240212
%RSD	2.088370	.3190643	1.007182	2.348888	.0854951	4.799308	12.59144
#1	.0097655	.0093752	9.509885	.0194198	.1012676	.0525916	.1636199
#2	.0096323	.0094316	9.589077	.0202969	.1014408	.0486175	.2092510
#3	.0100345	.0093857	9.702273	.0201447	.1013611	.0482988	.1994513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294436	9.803131	.0753031	.0183411	6.988406	.0926337	.1147710
Stddev	.0005601	.072071	.0004628	.0004969	.106445	.0080455	.0004262
%RSD	1.902245	.7351795	.6145641	2.709093	1.523173	8.685288	.3713318
#1	.0288273	9.885346	.0748498	.0178160	6.932831	.0858186	.1152621
#2	.0299216	9.750858	.0752848	.0188038	6.921250	.1015090	.1144979
#3	.0295819	9.773188	.0757748	.0184034	7.111136	.0905734	.1145531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.128015	.0185093	-.001811	.0190711	.1788929	.4685964	.0131402
Stddev	.158325	.0017372	.001410	.0008759	.0049813	.0055010	.0015333
%RSD	1.734499	9.385768	77.86397	4.592929	2.784536	1.173922	11.66859
#1	8.963973	.0199596	-.000522	.0200823	.1804449	.4644434	.0121087
#2	9.140148	.0189845	-.003318	.0185464	.1829134	.4665106	.0149021
#3	9.279926	.0165840	-.001594	.0185847	.1733203	.4748352	.0124096

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165369BS Acquired: 12/29/2024 2:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS369 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1960218	.1916168	.0329289
Stddev	.0071354	.0011220	.0006543
%RSD	3.640081	.5855652	1.987098
#1	.1877831	.1906001	.0332602
#2	.2000623	.1914296	.0321752
#3	.2002200	.1928206	.0333513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.304	26661.17	1980.065	1354.943	1913.682
Stddev	3.707	76.36	18.271	2.552	.573
%RSD	.1749082	.2863929	.9227252	.1883701	.0299449
#1	2116.945	26732.25	1996.990	1356.422	1914.100
#2	2123.577	26580.45	1982.509	1351.996	1913.029
#3	2117.390	26670.82	1960.695	1356.411	1913.918

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165395BL Acquired: 12/29/2024 2:34:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000891	.0006390	-.001288	.0002934	-.000916	-.017680	-.002417
Stddev	.003309	.0015559	.001206	.0009101	.002337	.032739	.001750
%RSD	371.2156	243.4756	93.65882	310.1873	255.1375	185.1719	72.38603
#1	-.004197	-.001141	-.000399	.0000408	.001492	-.044965	-.000576
#2	.002422	.001739	-.000804	.0013032	-.003175	.018622	-.002617
#3	-.000900	.001319	-.002661	-.000464	-.001066	-.026698	-.004058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001866	-.000036	-.036486	-.000478	.0002745	-.004435	.0037184
Stddev	.0001093	.000133	.037688	.000578	.0001716	.004358	.0370404
%RSD	58.56508	366.4668	103.2937	121.0363	62.49638	98.26124	996.1318
#1	.0001329	-.000189	-.010830	-.000231	.0000778	-.005220	-.016679
#2	.0001146	.000035	-.018873	-.000064	.0003528	.000262	-.018640
#3	.0003124	.000046	-.079755	-.001139	.0003929	-.008348	.046474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002983	-.042123	.0003044	.0001492	.0192357	-.001968	-.002272
Stddev	.0017953	.077006	.0005516	.0013365	.0116699	.006738	.000163
%RSD	601.8044	182.8117	181.2560	895.9170	60.66792	342.3511	7.161713
#1	-.001354	-.005278	-.000248	-.000485	.0228449	-.008707	-.002384
#2	.000040	-.130630	.000307	.001685	.0061876	-.001967	-.002086
#3	.002209	.009538	.000855	-.000752	.0286747	.004770	-.002347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1538573	-.000047	-.002435	.0000169	.0025363	-.000266	-.000509
Stddev	.1648549	.002979	.002370	.0005507	.0027161	.000508	.001275
%RSD	107.1479	6326.577	97.35819	3259.992	107.0916	190.8990	250.6875
#1	-.027233	.003184	-.001010	-.000044	-.000186	.000244	.000624
#2	.193591	-.002685	-.001123	-.000501	.002548	-.000270	-.000260
#3	.295214	-.000641	-.005171	.000596	.005247	-.000773	-.001890

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165395BL Acquired: 12/29/2024 2:34:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0018975	.0000177	.0027182
Stddev	.0038536	.0004447	.0052072
%RSD	203.0923	2512.169	191.5666
#1	.0056580	.0005120	.0085643
#2	-.002043	-.000350	-.001423
#3	.002077	-.000109	.001013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.687	26416.95	1949.419	1344.091	1881.408
Stddev	5.525	58.04	2.362	6.638	4.717
%RSD	.2652905	.2197226	.1211813	.4938752	.2507182
#1	2088.471	26481.97	1950.111	1346.936	1886.706
#2	2077.463	26370.36	1946.788	1336.504	1877.666
#3	2082.128	26398.51	1951.358	1348.831	1879.852

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165395BS Acquired: 12/29/2024 2:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147537	.0474446	.0167806	.0540696	.1067300	.3927263
Stddev	.0048038	.0006981	.0021548	.0036201	.0027779	.0249059
%RSD	32.55971	1.471316	12.84109	6.695247	2.602721	6.341793
#1	.0164460	.0475787	.0162784	.0517707	.1098441	.4202606
#2	.0093328	.0480658	.0191421	.0582425	.1045073	.3717689
#3	.0184823	.0466892	.0149211	.0521956	.1058385	.3861493

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3862778	.0099473	.0093545	9.653266	.0200717	.1015324
Stddev	.0009947	.0002687	.0001602	.037314	.0009387	.0000672
%RSD	.2575045	2.700812	1.712108	.3865467	4.676699	.0661619
#1	.3854146	.0096386	.0095260	9.631096	.0211482	.1015657
#2	.3860531	.0101281	.0093290	9.696347	.0194233	.1014551
#3	.3873656	.0100752	.0092087	9.632355	.0196437	.1015764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486706	.1887063	.0288573	9.932938	.0750436	.0185276
Stddev	.0077641	.0181742	.0014738	.132966	.0001892	.0008705
%RSD	15.95241	9.630954	5.107116	1.338634	.2520918	4.698435
#1	.0397059	.1696238	.0285630	9.984879	.0751342	.0188831
#2	.0530673	.1906847	.0304560	9.781842	.0748261	.0175356
#3	.0532385	.2058104	.0275529	10.03209	.0751704	.0191641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.768373	.0917771	.1152016	9.374356	.0195526	F -.002042
Stddev	.136816	.0074798	.0003246	.109547	.0036696	.001392
%RSD	1.761192	8.149941	.2817667	1.168578	18.76762	68.19011
#1	7.615665	.0875979	.1155646	9.285380	.0220238	-.003304
#2	7.809673	.0873209	.1149392	9.340979	.0212977	-.002272
#3	7.879781	.1004126	.1151009	9.496709	.0153361	-.000549

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: PB165395BS Acquired: 12/29/2024 2:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194642	.1813483	F .4737802	.0117451	.1902876	.1937825
Stddev	.0006109	.0056006	.0057944	.0003178	.0018463	.0012022
%RSD	3.138760	3.088321	1.223019	2.705500	.9702854	.6204018
#1	.0199574	.1857805	.4671084	.0120778	.1898985	.1933321
#2	.0187808	.1832106	.4766782	.0114448	.1886669	.1928705
#3	.0196545	.1750537	.4775538	.0117126	.1922975	.1951449

Elem	Li6707
Units	ppm
Avg	.0337440
Stddev	.0026869
%RSD	7.962654
#1	.0323491
#2	.0320414
#3	.0368415

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.763	26467.48	1973.017	1347.216	1893.213
Stddev	.501	266.71	15.889	16.632	2.034
%RSD	.0239487	1.007683	.8053295	1.234519	.1074113
#1	2093.483	26179.05	1985.955	1328.449	1891.390
#2	2093.465	26518.21	1977.813	1353.069	1895.406
#3	2094.342	26705.17	1955.282	1360.130	1892.843

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165396BL Acquired: 12/29/2024 2:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS396 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	.0020937	-.003321	-.002026	-.000433	-.016057	-.000915
Stddev	.004397	.0057806	.001619	.006350	.001020	.021314	.001059
%RSD	1508.958	276.0946	48.73814	313.4143	235.9258	132.7445	115.7284
#1	.000374	.0085032	-.001621	-.002592	.000619	-.030852	-.000359
#2	-.004983	.0005025	-.004843	.004588	-.001419	.008374	-.000250
#3	.003735	-.002725	-.003500	-.008074	-.000498	-.025692	-.002136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	-.000103	-.033343	.0007810	-.000072	.0032191	.0236806
Stddev	.000093	.000042	.030529	.0000484	.000317	.0019949	.0100678
%RSD	55.54595	40.46378	91.56118	6.200584	441.3612	61.96970	42.51503
#1	-.000212	-.000083	.001325	.0007965	-.000412	.0013422	.0267436
#2	-.000061	-.000075	-.056214	.0008198	.000215	.0030011	.0318611
#3	-.000231	-.000151	-.045141	.0007267	-.000018	.0053141	.0124370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001476	-.036577	.0004053	.0000789	.0072891	-.008158	-.002818
Stddev	.002001	.097665	.0003881	.0012789	.0205575	.008677	.000229
%RSD	135.5448	267.0133	95.76170	1621.036	282.0293	106.3644	8.142458
#1	-.000550	.076070	.0005987	.0003408	-.006601	-.013595	-.003077
#2	-.000106	-.097525	.0006588	.0012066	-.002436	.001849	-.002638
#3	-.003773	-.088276	-.000042	-.001311	.030905	-.012729	-.002741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946488	.0025828	-.004408	.0008377	.0030857	-.001236	-.001555
Stddev	.1171845	.0021712	.000509	.0001944	.0011244	.001297	.001055
%RSD	123.8097	84.06089	11.54789	23.20364	36.43869	104.9400	67.85489
#1	.0173153	.0039825	-.003996	.0009205	.0040640	-.002514	-.002416
#2	.2294761	.0036843	-.004977	.0009769	.0018573	.000079	-.000378
#3	.0371551	.0000817	-.004252	.0006156	.0033357	-.001273	-.001872

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165396BL Acquired: 12/29/2024 2:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS396 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0063388	-.000180	.0003237
Stddev	.0036865	.000264	.0070555
%RSD	58.15719	146.9808	2179.728
#1	.0068712	.000108	.0054381
#2	.0024151	-.000411	-.007725
#3	.0097302	-.000236	.003258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.808	26501.36	1961.102	1339.338	1903.268
Stddev	2.526	250.71	58.445	10.400	2.264
%RSD	.1203889	.9460423	2.980196	.7764725	.1189338
#1	2097.451	26766.27	1897.076	1351.339	1904.464
#2	2095.480	26470.01	1974.643	1333.700	1900.658
#3	2100.493	26267.79	2011.588	1332.975	1904.683

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165396BS Acquired: 12/29/2024 2:46:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS396 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192401	.0479919	.0178305	.0609958	.1127922	.4079792
Stddev	.0008155	.0019630	.0003621	.0006739	.0081662	.0363561
%RSD	4.238546	4.090249	2.030642	1.104806	7.240082	8.911269
#1	.0183062	.0461210	.0178607	.0614564	.1035232	.3703359
#2	.0198112	.0478191	.0181765	.0602223	.1189274	.4107072
#3	.0196029	.0500356	.0174542	.0613086	.1159260	.4428945

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3897207	.0100422	.0097007	9.772591	.0210752	.1048302
Stddev	.0191110	.0004017	.0001154	.458849	.0004283	.0002818
%RSD	4.903763	4.000179	1.189486	4.695260	2.032064	.2687868
#1	.3720348	.0095852	.0095697	9.311834	.0210021	.1046830
#2	.3871339	.0103395	.0097450	9.776433	.0215353	.1046524
#3	.4099933	.0102018	.0097874	10.22951	.0206882	.1051550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397202	.1794466	.0314613	10.11432	.0782353	.0191450
Stddev	.0063983	.0097638	.0019375	.46120	.0004321	.0007868
%RSD	16.10855	5.441087	6.158473	4.559829	.5522407	4.109741
#1	.0403300	.1874301	.0292468	9.67223	.0786918	.0192422
#2	.0457919	.1823490	.0322927	10.07823	.0778327	.0183141
#3	.0330388	.1685606	.0328444	10.59250	.0781814	.0198787

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.203092	.1027307	.1197692	9.315703	.0203552	F -.002217
Stddev	.384556	.0118648	.0015165	.535441	.0010280	.000945
%RSD	4.178553	11.54940	1.266179	5.747728	5.050520	42.62991
#1	8.804465	.1060680	.1180671	8.729436	.0205157	-.003010
#2	9.232978	.0895546	.1209766	9.438791	.0192564	-.001171
#3	9.571833	.1125694	.1202638	9.778882	.0212936	-.002470

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165396BS Acquired: 12/29/2024 2:46:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS396 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204782	.1844796	F .4786554	.0116604	.1935522	.1974817
Stddev	.0009721	.0017081	.0215431	.0005589	.0105339	.0092613
%RSD	4.746782	.9258904	4.500748	4.793447	5.442401	4.689706
#1	.0193558	.1829308	.4558329	.0122924	.1833994	.1886512
#2	.0210364	.1841964	.4814962	.0114580	.1928274	.1966732
#3	.0210424	.1863116	.4986372	.0112309	.2044297	.2071208

Elem	Li6707
Units	ppm
Avg	.0315776
Stddev	.0064187
%RSD	20.32671
#1	.0250324
#2	.0318385
#3	.0378618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.804	25694.75	1950.494	1303.314	1848.113
Stddev	4.260	109.87	71.237	3.179	5.114
%RSD	.2083233	.4275875	3.652235	.2439202	.2767079
#1	2047.294	25592.00	2024.328	1302.258	1851.010
#2	2047.233	25810.56	1944.978	1306.886	1851.120
#3	2039.886	25681.69	1882.176	1300.797	1842.208

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165434BL Acquired: 12/29/2024 2:51:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS434 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002084	.0010072	-.003004	-.002745	-.001363	.0034539	-.000524
Stddev	.002775	.0006947	.001137	.003051	.002358	.0341674	.001025
%RSD	133.1848	68.97454	37.84628	111.1532	173.0269	989.2402	195.4256
#1	-.001445	.0004067	-.001707	-.006126	-.003578	-.024994	-.001540
#2	.000317	.0017681	-.003829	-.001915	-.001624	.041352	.000509
#3	-.005122	.0008469	-.003475	-.000195	.001115	-.005996	-.000541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	-.000055	-.026464	-.000736	.0001030	-.009443	-.011193
Stddev	.000134	.000072	.024157	.001062	.0002618	.019345	.047227
%RSD	104.7029	130.9851	91.28216	144.3686	254.2932	204.8720	421.9206
#1	-.000215	-.000024	.001373	-.001295	.0002471	.006396	-.031784
#2	.000026	-.000137	-.038838	.000489	-.000199	-.031004	-.044629
#3	-.000195	-.000004	-.041928	-.001402	.000261	-.003720	.042833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000959	-.065482	.0003811	-.000438	-.021054	-.010224	-.003206
Stddev	.000886	.117175	.0005826	.000350	.049687	.001494	.000723
%RSD	92.40568	178.9430	152.8697	80.02282	235.9977	14.61110	22.55366
#1	-.000421	.056626	.0000442	-.000824	.026990	-.009401	-.003487
#2	-.001981	-.177007	.0010538	-.000141	-.072236	-.009322	-.002385
#3	-.000474	-.076065	.0000453	-.000348	-.017917	-.011948	-.003747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524357	.0007691	-.002898	-.000197	.0047815	-.002520	-.002002
Stddev	.1407496	.0009598	.001648	.000371	.0052572	.000563	.000901
%RSD	268.4234	124.7894	56.84342	188.2533	109.9487	22.34853	45.02265
#1	-.087502	.0008400	-.004797	.000211	.0046198	-.002747	-.000971
#2	.193984	.0016915	-.002059	-.000290	-.000393	-.001879	-.002398
#3	.050825	-.000224	-.001840	-.000513	.010118	-.002934	-.002638

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165434BL Acquired: 12/29/2024 2:51:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS434 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0005064	.0001445	-.000692
Stddev	.0024321	.0002665	.002663
%RSD	480.3222	184.3636	384.5639
#1	.0017727	.0004461	-.002175
#2	.0020440	-.000059	.002382
#3	-.002298	.000047	-.002283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.970	25483.85	1917.914	1290.053	1831.724
Stddev	3.522	53.73	11.560	6.854	1.339
%RSD	.1739905	.2108557	.6027432	.5313294	.0731124
#1	2024.216	25424.33	1930.249	1297.925	1833.204
#2	2027.363	25498.39	1907.328	1285.408	1831.372
#3	2020.333	25528.81	1916.165	1286.826	1830.595

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165434BS Acquired: 12/29/2024 2:55:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS434 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164334	.0498400	.0153327	.0535539	.1038283	.3603779
Stddev	.0039946	.0041954	.0015784	.0041804	.0011046	.0258820
%RSD	24.30796	8.417829	10.29420	7.805885	1.063869	7.181901
#1	.0208596	.0513297	.0150866	.0556033	.1048586	.3444190
#2	.0130962	.0451029	.0170196	.0563141	.1039642	.3464743
#3	.0153445	.0530872	.0138918	.0487443	.1026620	.3902402

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3782532	.0097549	.0093794	9.583180	.0193517	.1006559
Stddev	.0023895	.0002219	.0001344	.052199	.0008541	.0001539
%RSD	.6317337	2.275135	1.432519	.5446963	4.413370	.1529066
#1	.3810117	.0095496	.0093146	9.569551	.0201442	.1005714
#2	.3769283	.0097246	.0095339	9.539147	.0184471	.1008335
#3	.3768196	.0099904	.0092898	9.640842	.0194638	.1005627

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431720	.1910609	.0280423	9.739074	.0743727	.0194595
Stddev	.0050879	.0558743	.0015242	.153332	.0006963	.0015214
%RSD	11.78512	29.24425	5.435420	1.574403	.9362858	7.818112
#1	.0402665	.1315494	.0276516	9.905602	.0747417	.0184981
#2	.0402026	.1992359	.0267515	9.707886	.0748070	.0186668
#3	.0490468	.2423974	.0297239	9.603733	.0735695	.0212135

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.741416	.0788800	.1131157	9.076595	.0206637	F -.005137
Stddev	.080691	.0076187	.0006157	.072234	.0020934	.001851
%RSD	.9230862	9.658614	.5442873	.7958281	10.13093	36.02712
#1	8.707611	.0856632	.1129802	9.159044	.0226722	-.003671
#2	8.833511	.0706370	.1137878	9.024444	.0184946	-.007217
#3	8.683125	.0803400	.1125790	9.046297	.0208242	-.004523

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165434BS Acquired: 12/29/2024 2:55:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS434 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194195	.1739495	F .4641618	.0119337	.1871036	.1945887
Stddev	.0006099	.0086523	.0035111	.0042283	.0052367	.0011563
%RSD	3.140706	4.974015	.7564310	35.43171	2.798846	.5942167
#1	.0196316	.1645911	.4617923	.0129201	.1900371	.1951880
#2	.0187319	.1755993	.4681955	.0155816	.1810576	.1953224
#3	.0198951	.1816581	.4624975	.0072993	.1902160	.1932558

Elem	Li6707
Units	ppm
Avg	.0283772
Stddev	.0033052
%RSD	11.64740
#1	.0251865
#2	.0281590
#3	.0317861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.328	26139.87	1970.618	1337.382	1877.209
Stddev	3.363	143.98	7.591	5.793	2.167
%RSD	.1619071	.5508073	.3851981	.4331517	.1154358
#1	2079.157	26180.99	1977.985	1337.645	1879.553
#2	2073.447	26258.82	1962.822	1343.039	1875.279
#3	2079.381	25979.80	1971.047	1331.462	1876.795

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165465BL Acquired: 12/29/2024 2:59:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002740	.0000377	-.002847	-.003725	-.002040	-.009924	-.002322
Stddev	.002631	.0014804	.002228	.000544	.003040	.011072	.000768
%RSD	96.02326	3927.563	78.25118	14.60139	149.0198	111.5700	33.08495
#1	-.000066	.0003076	-.003658	-.004095	-.004116	-.022181	-.002338
#2	-.002829	.0013646	-.004556	-.003100	-.003453	-.006944	-.003083
#3	-.005325	-.001559	-.000327	-.003979	.001449	-.000647	-.001546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	-.000057	-.019327	.0003357	.0000079	-.008989	.0144926
Stddev	.000080	.000040	.013071	.0013293	.0002432	.000548	.0673391
%RSD	70.29506	70.08579	67.63356	395.9303	3064.494	6.091968	464.6439
#1	-.000204	-.000085	-.015913	.0018706	.0002826	-.008756	-.061577
#2	-.000049	-.000074	-.008301	-.000428	-.000180	-.009614	.038575
#3	-.000090	-.000011	-.033766	-.000436	-.000079	-.008595	.066479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002190	-.009696	-.000061	-.000804	.0146897	-.014674	-.002676
Stddev	.001707	.077028	.000317	.001020	.0387114	.009951	.000560
%RSD	77.91891	794.4171	519.7791	126.9127	263.5285	67.81442	20.93019
#1	-.002556	.017720	-.000391	-.001104	.0387901	-.025979	-.002301
#2	-.003684	.049873	.000240	-.001641	.0352423	-.010804	-.003319
#3	-.000330	-.096682	-.000032	.000333	-.029963	-.007239	-.002406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030492	.0011814	-.002395	-.000223	.0025401	-.000918	-.003571
Stddev	.013134	.0010624	.001486	.000412	.0059615	.000968	.001227
%RSD	43.07571	89.92169	62.01939	184.5312	234.6922	105.4625	34.35712
#1	-.015877	.0011354	-.002293	-.000005	-.003282	-.000382	-.003391
#2	-.041309	.0022661	-.000964	-.000698	.008632	-.000336	-.002444
#3	-.034288	.0001429	-.003929	.000034	.002270	-.002035	-.004878

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165465BL Acquired: 12/29/2024 2:59:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS465 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0009438	-.000167	-.004045
Stddev	.0026228	.000400	.006521
%RSD	277.9043	239.1348	161.2078
#1	.0035303	-.000272	-.003279
#2	-.001714	-.000504	-.010916
#3	.001015	.000274	.002059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.874	26209.24	1977.458	1323.866	1887.689
Stddev	1.737	237.58	16.606	11.783	1.789
%RSD	.0830775	.9064711	.8397718	.8900441	.0947787
#1	2091.650	26405.18	1958.328	1331.576	1889.631
#2	2088.884	25944.99	1988.152	1310.303	1886.109
#3	2092.088	26277.55	1985.896	1329.720	1887.325

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165465BS Acquired: 12/29/2024 3:03:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231373	.0487896	.0159731	.0574278	.1057745	.3955640
Stddev	.0022799	.0041671	.0022227	.0015260	.0036701	.0069812
%RSD	9.853691	8.540862	13.91495	2.657251	3.469703	1.764875
#1	.0257554	.0535346	.0178593	.0590721	.1040477	.4032974
#2	.0215895	.0457259	.0135227	.0571542	.1032863	.3897267
#3	.0220670	.0471081	.0165372	.0560571	.1099895	.3936678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3898906	.0100723	.0094652	9.733947	.0204789	.1027179
Stddev	.0042903	.0001896	.0000926	.132769	.0010168	.0005387
%RSD	1.100376	1.881961	.9787097	1.363980	4.964938	.5244225
#1	.3907071	.0100478	.0093583	9.821738	.0213657	.1033397
#2	.3937139	.0102729	.0095221	9.798896	.0207018	.1023922
#3	.3852507	.0098961	.0095153	9.581207	.0193692	.1024219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377417	.1776266	.0273938	9.876404	.0765703	.0197843
Stddev	.0057495	.0427851	.0012196	.070710	.0003238	.0009033
%RSD	15.23392	24.08712	4.451954	.7159438	.4229287	4.565952
#1	.0443293	.2120098	.0278623	9.943987	.0763673	.0195406
#2	.0351624	.1911583	.0283096	9.882288	.0764000	.0207846
#3	.0337335	.1297118	.0260094	9.802936	.0769438	.0190279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.980116	.0947935	.1168290	9.225723	.0198985	F -.002892
Stddev	.135240	.0041468	.0008592	.108041	.0022722	.002356
%RSD	1.505993	4.374537	.7354675	1.171089	11.41883	81.45647
#1	9.018699	.0992216	.1161496	9.229080	.0217003	-.003017
#2	9.091871	.0941573	.1177949	9.332046	.0173459	-.000476
#3	8.829777	.0910016	.1165424	9.116042	.0206491	-.005184

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165465BS Acquired: 12/29/2024 3:03:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS465 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197885	.1872356	F .4736512	.0116941	.1928600	.1978052
Stddev	.0003037	.0036579	.0068325	.0006029	.0059600	.0018144
%RSD	1.534669	1.953622	1.442509	5.155277	3.090298	.9172825
#1	.0194493	.1886396	.4745173	.0112500	.1993685	.1993865
#2	.0200352	.1830837	.4800094	.0114519	.1915425	.1982048
#3	.0198810	.1899835	.4664271	.0123804	.1876691	.1958243

Elem	Li6707
Units	ppm
Avg	.0246227
Stddev	.0028611
%RSD	11.61968
#1	.0267463
#2	.0257527
#3	.0213692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.990	26214.60	1974.006	1334.479	1879.880
Stddev	2.515	282.77	27.234	11.612	1.606
%RSD	.1208168	1.078686	1.379625	.8701558	.0854055
#1	2084.883	26511.23	1963.154	1344.622	1880.699
#2	2080.316	25948.09	1953.872	1321.813	1880.911
#3	2080.772	26184.48	2004.993	1337.001	1878.030

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165488BL Acquired: 12/29/2024 3:07:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS488 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006122	.0002238	-.004451	-.003246	-.001321	-.009422	-.000899
Stddev	.002122	.0048542	.002532	.004089	.002017	.019002	.001026
%RSD	34.66118	2168.674	56.87998	125.9572	152.6849	201.6751	114.0874
#1	-.006290	.0055807	-.006386	.000066	-.003393	-.026871	-.000607
#2	-.008155	-.003883	-.001586	-.001989	.000637	-.012219	-.000051
#3	-.003921	-.001026	-.005383	-.007816	-.001207	.010824	-.002039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	-.000027	-.017188	-.000647	.0003976	-.011068	-.022115
Stddev	.000148	.000066	.007082	.000880	.0001442	.008232	.033679
%RSD	270.8018	243.4065	41.20147	136.1465	36.25373	74.37783	152.2889
#1	-.000214	-.000064	-.012938	-.001547	.0002479	-.001833	.006344
#2	.000080	-.000066	-.025364	-.000606	.0004097	-.013737	-.013392
#3	-.000031	.000049	-.013263	.000213	.0005354	-.017635	-.059298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001894	-.026011	-.000522	.0004847	.0229791	-.004459	-.002219
Stddev	.001557	.114333	.000366	.0010023	.0355846	.009864	.000483
%RSD	82.24047	439.5608	70.14289	206.7907	154.8563	221.2256	21.75373
#1	-.000130	-.127379	-.000839	.0012063	.0065942	-.008402	-.001915
#2	-.003080	.097922	-.000606	.0009076	-.001461	.006767	-.001967
#3	-.002471	-.048576	-.000121	-.000660	.063805	-.011741	-.002776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079591	-.000028	-.004063	-.000019	-.002185	-.001325	-.001053
Stddev	.115364	.003455	.001604	.000578	.004329	.001404	.001279
%RSD	144.9460	12454.13	39.47697	3064.831	198.1781	105.9228	121.4663
#1	-.209661	-.003266	-.002766	-.000676	-.000705	-.001939	.000111
#2	-.039460	-.000426	-.003567	.000408	-.007060	-.002317	-.000848
#3	.010348	.003609	-.005857	.000212	.001211	.000281	-.002421

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165488BL Acquired: 12/29/2024 3:07:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS488 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0022260	-.000104	-.006945
Stddev	.0045722	.000066	.000854
%RSD	205.4006	63.82885	12.29090
#1	-.002939	-.000097	-.007875
#2	.005756	-.000174	-.006198
#3	.003861	-.000041	-.006760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.067	26080.60	1972.370	1322.057	1885.920
Stddev	.856	157.07	9.273	13.221	3.654
%RSD	.0409841	.6022548	.4701688	1.000058	.1937257
#1	2089.212	26188.97	1982.228	1325.803	1884.410
#2	2088.148	25900.46	1963.819	1307.366	1883.263
#3	2089.842	26152.36	1971.063	1333.001	1890.086

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165488BS Acquired: 12/29/2024 3:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS488 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238740	.0485024	.0148332	.0582887	.1073497	.4009119
Stddev	.0042882	.0045181	.0024680	.0026085	.0010864	.0184018
%RSD	17.96166	9.315232	16.63844	4.475145	1.012024	4.589976
#1	.0224015	.0511579	.0170983	.0612346	.1081108	.3809919
#2	.0287044	.0432856	.0151983	.0562723	.1078328	.4044674
#3	.0205161	.0510637	.0122030	.0573592	.1061055	.4172766

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3887606	.0099774	.0095157	9.793779	.0204490	.1028120
Stddev	.0054544	.0003208	.0000702	.102188	.0007799	.0005088
%RSD	1.403034	3.215054	.7376565	1.043402	3.814093	.4948639
#1	.3948920	.0098123	.0095492	9.911771	.0199091	.1026371
#2	.3869420	.0097728	.0094351	9.733793	.0213432	.1033852
#3	.3844478	.0103471	.0095629	9.735774	.0200947	.1024138

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445658	.2307566	.0289556	10.05085	.0767432	.0173209
Stddev	.0085852	.0271931	.0027027	.05128	.0008207	.0015336
%RSD	19.26415	11.78434	9.333786	.5102155	1.069346	8.853888
#1	.0418962	.2521112	.0319263	10.07387	.0758431	.0170942
#2	.0376326	.2400155	.0282979	10.08658	.0774499	.0159133
#3	.0541687	.2001431	.0266424	9.99209	.0769365	.0189552

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.949352	.0998108	.1171617	9.428030	.0198170	F -.003027
Stddev	.065807	.0021471	.0010151	.288715	.0025790	.002110
%RSD	.7353223	2.151181	.8664260	3.062306	13.01416	69.71083
#1	9.016632	.0979566	.1168474	9.703082	.0168536	-.000593
#2	8.885125	.0993126	.1163408	9.453647	.0215535	-.004147
#3	8.946299	.1021632	.1182967	9.127359	.0210440	-.004342

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: PB165488BS Acquired: 12/29/2024 3:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS488 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193268	.1803390	F .4732374	.0110670	.1952332	.1986391
Stddev	.0003826	.0069716	.0030520	.0009297	.0051201	.0031148
%RSD	1.979595	3.865810	.6449171	8.400251	2.622536	1.568092
#1	.0193852	.1869483	.4756479	.0108412	.2011380	.2018666
#2	.0189183	.1730543	.4698058	.0102710	.1925359	.1984002
#3	.0196767	.1810144	.4742586	.0120888	.1920258	.1956506

Elem	Li6707
Units	ppm
Avg	.0218573
Stddev	.0056830
%RSD	26.00050
#1	.0159890
#2	.0273349
#3	.0222479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.002	26299.01	1978.458	1334.174	1887.591
Stddev	1.455	130.34	20.789	13.057	1.196
%RSD	.0696093	.4955896	1.050770	.9786838	.0633778
#1	2088.592	26151.46	1955.242	1320.674	1886.428
#2	2091.498	26347.13	1995.353	1346.738	1888.818
#3	2089.916	26398.44	1984.778	1335.112	1887.526

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-01 Acquired: 12/29/2024 3:15:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1463630	-.159005	1.750721	.2170751	.0715134	96.66161
Stddev	.0014979	.003098	.002090	.0037833	.0011440	.64102
%RSD	1.023379	1.948244	.1194022	1.742837	1.599681	.6631560
#1	.1473952	-.156970	1.749270	.2136024	.0717929	95.92183
#2	.1470489	-.157474	1.749777	.2211067	.0702556	97.05266
#3	.1446451	-.162570	1.753117	.2165162	.0724918	97.01034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057762	.0237052	.0078709	111.5652	.1279395	-.019296
Stddev	.008195	.0002112	.0001281	.7081	.0009696	.001804
%RSD	.7747332	.8908936	1.627389	.6347391	.7578370	9.346598
#1	1.048353	.0235958	.0077388	110.7643	.1290277	-.017239
#2	1.063334	.0239486	.0079946	112.1087	.1276232	-.020604
#3	1.061598	.0235711	.0078793	111.8224	.1271675	-.020046

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1776267	387.7172	9.780538	50.87502	.2028598	.0026568
Stddev	.0066732	3.1290	.082890	.38432	.0012479	.0007915
%RSD	3.756880	.8070215	.8474953	.7554271	.6151360	29.79292
#1	.1752947	384.1327	9.685335	50.44093	.2037453	.0019014
#2	.1851529	389.9021	9.836680	51.01218	.2034014	.0025889
#3	.1724323	389.1167	9.819600	51.17195	.2014326	.0034801

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5474760	.2511179	.8721306	11.81448	F 10.93557	.1442247
Stddev	.0543258	.0118338	.0024962	.21091	.02073	.0061901
%RSD	9.922961	4.712439	.2862138	1.785211	.1895219	4.291983
#1	.5364793	.2377476	.8750122	11.86317	10.95522	.1371678
#2	.4994898	.2602453	.8707442	11.99679	10.93756	.1467700
#3	.6064590	.2553607	.8706353	11.58348	10.91391	.1487364

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-01 Acquired: 12/29/2024 3:15:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079569	5.031465	13.18990	.0667018	1.001848	-.175852
Stddev	.0002509	.005408	.04843	.0029777	.006881	.001179
%RSD	3.153569	.1074736	.3671586	4.464251	.6868504	.6705879
#1	.0080842	5.030767	13.23847	.0656076	.994657	-.174504
#2	.0076678	5.026441	13.14161	.0700718	1.008371	-.176361
#3	.0081185	5.037188	13.18961	.0644260	1.002516	-.176691

Elem	Li6707
Units	ppm
Avg	.1097696
Stddev	.0013126
%RSD	1.195745
#1	.1082587
#2	.1104209
#3	.1106291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.880	30856.37	2367.876	1566.336	1873.190
Stddev	3.041	88.48	7.297	2.543	1.025
%RSD	.1234049	.2867621	.3081746	.1623460	.0547024
#1	2466.259	30915.62	2367.453	1568.872	1872.036
#2	2464.927	30898.82	2375.376	1566.348	1873.993
#3	2460.454	30754.65	2360.800	1563.787	1873.541

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-02 Acquired: 12/29/2024 3:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1609571	-.054255	3.218585	.1055491	.0218032	92.52334	1.189512
Stddev	.0094211	.002626	.009483	.0070023	.0054283	.48909	.004664
%RSD	5.853174	4.841066	.2946431	6.634185	24.89685	.5286147	.3920891
#1	.1715301	-.054152	3.211205	.0975790	.0165843	93.04136	1.194895
#2	.1534534	-.056931	3.215268	.1107132	.0274191	92.45916	1.186682
#3	.1578878	-.051681	3.229281	.1083551	.0214063	92.06951	1.186959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147774	.0089642	119.2024	.1515204	.0652965	.3020112	200.6600
Stddev	.0001312	.0000843	.4667	.0001728	.0008838	.0030193	.8855
%RSD	.8879263	.9402889	.3914880	.1140374	1.353503	.9997232	.4412860
#1	.0147976	.0088672	119.6259	.1513970	.0642770	.3000877	201.6823
#2	.0146372	.0090203	119.2791	.1517179	.0658448	.3054911	200.1645
#3	.0148973	.0090049	118.7021	.1514464	.0657677	.3004548	200.1332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89893	51.65427	.2550616	.0022932	.5314412	.2161816	1.253712
Stddev	.05511	.31893	.0008437	.0001797	.0207666	.0032596	.005949
%RSD	.4631894	.6174415	.3307656	7.834060	3.907592	1.507796	.4745366
#1	11.96167	51.78765	.2549160	.0023768	.5198137	.2157849	1.258474
#2	11.87677	51.88486	.2543002	.0020870	.5190931	.2131385	1.255619
#3	11.85834	51.29029	.2559686	.0024158	.5554167	.2196214	1.247043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34601	9.926209	.1073646	.0103826	5.279164	12.68114	.0806380
Stddev	.07696	.029015	.0013554	.0009085	.007010	.08570	.0016884
%RSD	.6782725	.2923062	1.262426	8.750666	.1327790	.6757963	2.093790
#1	11.43437	9.920543	.1081315	.0094690	5.279192	12.77804	.0796512
#2	11.30992	9.900445	.1081626	.0112860	5.272141	12.65007	.0796752
#3	11.29373	9.957639	.1057996	.0103927	5.286160	12.61532	.0825875

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-02 Acquired: 12/29/2024 3:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.042649	.0228593	.1084351
Stddev	.002620	.0007021	.0025922
%RSD	.2512596	3.071431	2.390568
#1	1.045087	.0231335	.1064635
#2	1.039879	.0220615	.1074705
#3	1.042982	.0233830	.1113714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.235	31975.36	2405.487	1623.708	1834.017
Stddev	5.826	50.49	12.823	4.153	4.442
%RSD	.2290967	.1579182	.5330549	.2557738	.2422011
#1	2547.989	31925.97	2390.681	1618.952	1836.057
#2	2544.980	32026.89	2412.854	1625.549	1837.074
#3	2536.735	31973.22	2412.926	1626.622	1828.922

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-03 Acquired: 12/29/2024 3:23:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2090971	-.060112	4.889952	.1094327	.0241046	82.79550
Stddev	.0048623	.003274	.013658	.0107974	.0016515	.25071
%RSD	2.325356	5.447013	.2793016	9.866697	6.851177	.3028105
#1	.2123033	-.061326	4.874903	.1063858	.0235308	82.96748
#2	.2114854	-.062605	4.893392	.1004862	.0228167	82.50783
#3	.2035025	-.056404	4.901561	.1214262	.0259665	82.91119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.234106	.0142652	.0119395	98.55484	.1412919	.0749064
Stddev	.004827	.0002334	.0000750	.20026	.0004429	.0008567
%RSD	.3911169	1.636136	.6284093	.2032003	.3134610	1.143727
#1	1.234893	.0144761	.0119547	98.73731	.1408676	.0754809
#2	1.228934	.0143050	.0120057	98.34058	.1412568	.0739217
#3	1.238491	.0140144	.0118580	98.58664	.1417513	.0753167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4480507	198.3693	14.22448	36.17607	.2979263	.0040819
Stddev	.0104321	.6339	.06644	.16232	.0015779	.0008754
%RSD	2.328320	.3195539	.4670562	.4486825	.5296129	21.44662
#1	.4576663	198.9149	14.27478	36.28971	.2961105	.0039767
#2	.4369594	197.6739	14.14917	35.99018	.2987049	.0050052
#3	.4495263	198.5191	14.24949	36.24833	.2989636	.0032638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4719113	.2140762	1.522498	9.801546	F 10.48362	.1084030
Stddev	.0268415	.0113357	.003184	.059100	.02555	.0021342
%RSD	5.687818	5.295192	.2090997	.6029694	.2437342	1.968739
#1	.4416346	.2009869	1.525647	9.734198	10.46603	.1075384
#2	.4813091	.2205672	1.519281	9.844762	10.51293	.1068368
#3	.4927902	.2206744	1.522566	9.825679	10.47190	.1108338

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-03 Acquired: 12/29/2024 3:23:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107109	4.577994	11.80004	.1217919	1.005226	.0124731
Stddev	.0002459	.010857	.04779	.0016316	.006471	.0006755
%RSD	2.296237	.2371581	.4049588	1.339699	.6437224	5.416013
#1	.0105139	4.567298	11.84453	.1207758	1.012324	.0125366
#2	.0106323	4.589006	11.80607	.1236740	.999656	.0131146
#3	.0109866	4.577678	11.74953	.1209260	1.003697	.0117680

Elem	Li6707
Units	ppm
Avg	.0912714
Stddev	.0021907
%RSD	2.400182
#1	.0887531
#2	.0923231
#3	.0927378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.805	32942.47	2491.205	1674.344	1838.591
Stddev	7.334	238.52	16.335	7.045	1.699
%RSD	.2799382	.7240364	.6557240	.4207868	.0924175
#1	2619.332	32796.94	2472.746	1667.573	1839.849
#2	2627.363	33217.73	2497.073	1681.635	1839.265
#3	2612.719	32812.74	2503.795	1673.823	1836.658

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-04 Acquired: 12/29/2024 3:27:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2673423	-.074750	5.102137	.1409318	.0354449	88.17917
Stddev	.0029061	.002570	.034112	.0052454	.0007311	.29048
%RSD	1.087046	3.438412	.6685827	3.721908	2.062711	.3294167
#1	.2659277	-.077306	5.073985	.1450678	.0355408	87.90912
#2	.2654143	-.074776	5.140072	.1426957	.0346706	88.48648
#3	.2706849	-.072166	5.092356	.1350319	.0361233	88.14190

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.300262	.0165473	.0134803	93.73716	.1670647	.0809681
Stddev	.003412	.0000581	.0001955	.19176	.0007291	.0009976
%RSD	.2623735	.3513175	1.450089	.2045758	.4364113	1.232124
#1	1.296355	.0164826	.0132888	93.52220	.1673418	.0810775
#2	1.301781	.0165950	.0136796	93.89065	.1662376	.0799203
#3	1.302650	.0165645	.0134726	93.79862	.1676145	.0819066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924001	244.0990	16.91175	33.08288	.3051263	.0057162
Stddev	.0070126	1.0398	.05925	.17851	.0025519	.0017593
%RSD	1.424172	.4259734	.3503564	.5395760	.8363588	30.77799
#1	.4857439	243.2162	16.84762	32.88719	.3044394	.0037306
#2	.4997217	245.2452	16.96446	33.23680	.3079514	.0070810
#3	.4917347	243.8357	16.92316	33.12466	.3029881	.0063370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5095922	.2277521	1.421525	8.336619	F 11.77534	.1106744
Stddev	.0406066	.0073975	.007341	.089212	.08637	.0012162
%RSD	7.968456	3.248052	.5163971	1.070126	.7335102	1.098890
#1	.5353766	.2277842	1.415012	8.235916	11.71077	.1103761
#2	.5306157	.2203387	1.429480	8.368181	11.87345	.1096352
#3	.4627844	.2351336	1.420083	8.405760	11.74179	.1120120

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-04 Acquired: 12/29/2024 3:27:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099988	3.779626	12.47545	.0934257	.7972505	-.044572
Stddev	.0002287	.031655	.14079	.0004533	.0073617	.000835
%RSD	2.287224	.8375193	1.128516	.4852495	.9233900	1.872970
#1	.0097363	3.757577	12.49175	.0930157	.8055967	-.043897
#2	.0101046	3.815898	12.60738	.0939126	.7916808	-.045506
#3	.0101554	3.765404	12.32722	.0933487	.7944740	-.044313

Elem	Li6707
Units	ppm
Avg	.0907086
Stddev	.0023002
%RSD	2.535858
#1	.0894765
#2	.0933624
#3	.0892869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.787	33631.47	2565.624	1714.341	1823.218
Stddev	6.548	188.38	19.584	10.114	7.564
%RSD	.2446392	.5601333	.7633054	.5899759	.4148467
#1	2683.903	33664.42	2562.852	1725.010	1827.423
#2	2671.015	33801.20	2547.575	1713.121	1814.487
#3	2675.441	33428.79	2586.446	1704.892	1827.745

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-05 Acquired: 12/29/2024 3:31:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2631522	-.072265	4.812199	.1344588	.0348988	84.24845
Stddev	.0020108	.002105	.041123	.0015702	.0022626	.22466
%RSD	.7641210	2.912702	.8545639	1.167768	6.483388	.2666636
#1	.2636417	-.071740	4.787614	.1330715	.0362970	84.46750
#2	.2609418	-.074583	4.789308	.1341416	.0322883	84.25928
#3	.2648730	-.070473	4.859674	.1361634	.0361110	84.01857

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.244073	.0157609	.0127578	89.66916	.1602416	.0750555
Stddev	.003864	.0001424	.0002018	.27598	.0010133	.0024676
%RSD	.3105998	.9035764	1.581701	.3077809	.6323403	3.287659
#1	1.248044	.0156367	.0125957	89.97251	.1613495	.0733538
#2	1.243850	.0157297	.0126938	89.60204	.1600137	.0739271
#3	1.240326	.0159163	.0129838	89.43292	.1593618	.0778855

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4675949	233.1865	16.15060	31.68008	.2884471	.0036638
Stddev	.0047300	.8633	.04944	.01863	.0021385	.0002402
%RSD	1.011560	.3702188	.3061104	.0588164	.7413917	6.555664
#1	.4701044	234.0571	16.20456	31.65989	.2880622	.0033936
#2	.4621389	233.1718	16.13976	31.69661	.2865272	.0037447
#3	.4705412	232.3307	16.10748	31.68375	.2907519	.0038530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4833822	.2075009	1.368308	7.985648	F 11.10022	.1064656
Stddev	.0132216	.0016021	.005798	.020453	.08729	.0026546
%RSD	2.735234	.7720923	.4237497	.2561270	.7864245	2.493427
#1	.4950739	.2083464	1.361710	7.995138	11.06294	.1093965
#2	.4860387	.2056532	1.372591	7.962174	11.03776	.1057774
#3	.4690340	.2085031	1.370623	7.999633	11.19997	.1042228

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-05 Acquired: 12/29/2024 3:31:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091290	3.573437	12.03966	.0898828	.7657725	-.041837
Stddev	.0002629	.019315	.06816	.0029276	.0049131	.000582
%RSD	2.879826	.5405035	.5661357	3.257168	.6415874	1.391595
#1	.0092769	3.563472	11.98159	.0865267	.7712826	-.042482
#2	.0092846	3.561140	12.11470	.0912092	.7618479	-.041351
#3	.0088254	3.595699	12.02268	.0919124	.7641870	-.041678

Elem	Li6707
Units	ppm
Avg	.0840984
Stddev	.0011809
%RSD	1.404228
#1	.0838947
#2	.0853679
#3	.0830326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.447	34997.50	2650.531	1777.773	1924.413
Stddev	22.041	142.47	3.708	4.380	17.569
%RSD	.7910240	.4070801	.1398882	.2464006	.9129776
#1	2798.561	34878.74	2654.350	1777.189	1933.373
#2	2799.775	35155.46	2646.946	1782.416	1935.696
#3	2761.006	34958.28	2650.298	1773.713	1904.170

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-04LX5 Acquired: 12/29/2024 3:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464693	-.019081	.9925688	.0248409	.0038491	21.06240	.3109699
Stddev	.0040397	.002527	.0029276	.0029436	.0025587	.28574	.0038932
%RSD	8.693207	13.24421	.2949533	11.84986	66.47616	1.356614	1.251966
#1	.0487994	-.018423	.9936640	.0251168	.0032234	20.95343	.3096859
#2	.0488037	-.021872	.9892515	.0276367	.0016612	21.38659	.3153430
#3	.0418047	-.016948	.9947909	.0217690	.0066626	20.84719	.3078809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042404	.0023648	22.52935	.0394492	.0209306	.1150000	58.92649
Stddev	.0000417	.0000520	.28795	.0007606	.0001879	.0010976	.70646
%RSD	.9824295	2.197086	1.278097	1.927984	.8978205	.9544261	1.198888
#1	.0042522	.0023620	22.45201	.0394167	.0207844	.1162504	58.73882
#2	.0042748	.0023143	22.84807	.0387054	.0208647	.1141957	59.70784
#3	.0041940	.0024181	22.28797	.0402255	.0211426	.1145539	58.33282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.111245	7.934428	.0586778	.0015517	.1111036	.0401030	.3451110
Stddev	.059050	.094569	.0000461	.0013524	.0131948	.0100648	.0005994
%RSD	1.436309	1.191878	.0784986	87.15896	11.87608	25.09743	.1736865
#1	4.096220	7.947379	.0587081	.0026974	.1012561	.0516092	.3457720
#2	4.176356	8.021854	.0587006	.0018978	.1260957	.0357661	.3446027
#3	4.061159	7.834052	.0586248	.0000598	.1059590	.0329336	.3449583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966092	2.293109	.0242216	.0022392	.7395020	3.087831	.0178751
Stddev	.059311	.008331	.0027475	.0000927	.0047256	.043633	.0020149
%RSD	3.016716	.3633129	11.34316	4.137721	.6390287	1.413051	11.27220
#1	1.947658	2.299416	.0258937	.0021379	.7433728	3.071995	.0194570
#2	1.918186	2.283665	.0210506	.0023196	.7408974	3.137170	.0185617
#3	2.032431	2.296247	.0257204	.0022602	.7342358	3.054327	.0156066

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-04LX5 Acquired: 12/29/2024 3:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1932578	-.011185	.0166581
Stddev	.0015902	.000208	.0045898
%RSD	.8228236	1.859761	27.55273
#1	.1915092	-.011043	.0119791
#2	.1946174	-.011424	.0168421
#3	.1936467	-.011088	.0211532

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.215	28280.44	2096.856	1437.585	1909.225
Stddev	4.154	130.55	31.523	4.573	3.878
%RSD	.1844286	.4616101	1.503326	.3181117	.2031085
#1	2247.446	28263.69	2105.578	1433.762	1906.210
#2	2254.150	28159.07	2061.891	1436.342	1913.599
#3	2255.047	28418.55	2123.099	1442.651	1907.866

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV034 Acquired: 12/29/2024 3:39:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	5.081333	4.734131	24.27078	4.964531	4.888245	399.6703	9.956456
Stddev	.013900	.018855	.07353	.014227	.013391	1.5963	.039367
%RSD	.2735598	.3982682	.3029383	.2865652	.2739350	.3994045	.3953899
#1	5.068769	4.730687	24.23577	4.967039	4.891282	400.2392	9.982948
#2	5.078965	4.717235	24.22131	4.949217	4.873597	397.8675	9.911220
#3	5.096266	4.754469	24.35527	4.977337	4.899857	400.9042	9.975200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126186	2.448403	399.6341	15.15410	2.357587	14.61847	405.0345
Stddev	.0051099	.006010	1.8443	.01151	.005516	.03998	2.0948
%RSD	.9968229	.2454818	.4615012	.0759577	.2339615	.2735189	.5171932
#1	.5163274	2.446850	400.7524	15.15522	2.353196	14.61760	405.9831
#2	.5067899	2.443321	397.5053	15.16502	2.355786	14.57892	402.6332
#3	.5147384	2.455037	400.6445	15.14208	2.363778	14.65888	406.4872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61115	400.0810	2.460042	1.252059	410.6452	2.451951	14.60519
Stddev	.07169	1.9204	.004559	.000492	3.4242	.018874	.05025
%RSD	.4906535	.4800086	.1853272	.0392938	.8338516	.7697650	.3440402
#1	14.63436	400.5890	2.457062	1.251523	411.7206	2.470586	14.57921
#2	14.53073	397.9576	2.457773	1.252164	406.8124	2.432847	14.66311
#3	14.66836	401.6963	2.465290	1.252490	413.4026	2.452421	14.57325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8953	4.917804	4.940079	4.865406	4.967343	4.850763	4.929492
Stddev	.6542	.008984	.041406	.006421	.028941	.035647	.009600
%RSD	.4364302	.1826808	.8381636	.1319822	.5826264	.7348828	.1947389
#1	150.2134	4.915485	4.968893	4.872597	4.933946	4.872352	4.923625
#2	149.1428	4.910206	4.892630	4.860243	4.983021	4.809617	4.924281
#3	150.3295	4.927720	4.958715	4.863380	4.985063	4.870319	4.940571

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV034 Acquired: 12/29/2024 3:39:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	4.955387	4.621376	5.037160
Stddev	.024140	.012680	.013833
%RSD	.4871391	.2743802	.2746167
#1	4.971407	4.632303	5.037197
#2	4.927623	4.607472	5.023308
#3	4.967133	4.624353	5.050974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.863	23982.27	1909.705	1172.094	1567.019
Stddev	5.574	81.98	15.276	7.507	4.599
%RSD	.2998724	.3418173	.7999082	.6404405	.2934761
#1	1854.343	23939.97	1896.191	1171.125	1567.007
#2	1865.092	23930.09	1926.279	1165.119	1571.623
#3	1857.156	24076.76	1906.645	1180.038	1562.426

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB034 Acquired: 12/29/2024 3:42:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035315	.0007507	.0022614	.0006241	-.003852	-.015481	-.000072
Stddev	.0021031	.0044909	.0007566	.0026328	.002584	.013963	.000156
%RSD	59.55439	598.2124	33.45536	421.8649	67.09361	90.19407	217.2609
#1	.0038830	-.002466	.0031070	-.002371	-.001159	-.025366	-.000247
#2	.0012747	-.001164	.0016487	.002574	-.006312	-.021570	.000052
#3	.0054367	.005882	.0020285	.001669	-.004085	.000492	-.000021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000554	.0000284	-.009293	-.000309	.0000861	-.004569	-.006787
Stddev	.0000188	.0001484	.012208	.001157	.0006588	.005000	.005915
%RSD	33.91822	522.3901	131.3627	374.0911	765.2868	109.4242	87.14691
#1	.0000400	.0001035	.002072	.001026	-.000423	-.008906	-.012184
#2	.0000764	.0001242	-.007754	-.000942	.000830	.000899	-.000464
#3	.0000498	-.000142	-.022198	-.001012	-.000148	-.005700	-.007713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001400	-.109393	.0001128	.0001483	.0826512	-.011704	.0026223
Stddev	.000807	.078998	.0006616	.0012458	.0144417	.011838	.0011776
%RSD	57.62051	72.21472	586.6996	840.1075	17.47304	101.1451	44.90806
#1	-.001662	-.122722	.0004430	.0001632	.0800598	-.020282	.0035297
#2	-.000495	-.180878	.0005442	-.001105	.0696806	.001802	.0030455
#3	-.002044	-.024579	-.000649	.001387	.0982131	-.016631	.0012915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751523	-.000284	.0104587	.0001486	.0016780	.0003263	-.000291
Stddev	.2437157	.002704	.0003130	.0003991	.0005909	.0005378	.000979
%RSD	324.2956	953.7824	2.992604	268.6448	35.21307	164.8207	336.3375
#1	-.186791	-.002194	.0103842	-.000241	.0023303	-.000244	.000501
#2	.117037	-.001467	.0101896	.000131	.0011785	.000399	.000012
#3	.295212	.002811	.0108022	.000556	.0015253	.000824	-.001385

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: CCB034 Acquired: 12/29/2024 3:42:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0030903	-.000113	.0116582
Stddev	.0016416	.000337	.0020129
%RSD	53.12149	299.4899	17.26594
#1	.0017138	.000271	.0125964
#2	.0049071	-.000247	.0093475
#3	.0026499	-.000362	.0130308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.501	25499.19	1919.163	1296.751	1832.266
Stddev	9.816	899.91	22.460	41.985	10.221
%RSD	.4829525	3.529171	1.170304	3.237723	.5578609
#1	2032.660	26034.12	1944.852	1318.934	1830.143
#2	2022.607	26003.23	1909.405	1322.991	1823.273
#3	2042.237	24460.21	1903.233	1248.327	1843.382

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-06 Acquired: 12/29/2024 3:46:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3419226	-.002701	4.834845	.2774898	.1819826	88.61579
Stddev	.0031284	.004944	.010647	.0018925	.0009987	.22133
%RSD	.9149498	183.0712	.2202175	.6820101	.5487872	.2497616
#1	.3447169	-.001157	4.830942	.2781587	.1808317	88.76131
#2	.3385428	-.008232	4.826700	.2753537	.1826208	88.72497
#3	.3425083	.001288	4.846893	.2789570	.1824954	88.36108

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.303417	.0928353	.1058123	90.78350	.4837573	1.030202
Stddev	.010137	.0004601	.0004143	.15136	.0011741	.002414
%RSD	.2355607	.4955774	.3915586	.1667208	.2427030	.2343327
#1	4.308268	.0933550	.1060378	90.71997	.4834214	1.032151
#2	4.310218	.0926705	.1053342	90.95626	.4827878	1.027502
#3	4.291766	.0924803	.1060650	90.67426	.4850627	1.030955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8492089	237.2452	17.06947	32.09725	1.245821	.0595937
Stddev	.0042569	.3274	.03467	.08572	.003160	.0009467
%RSD	.5012787	.1379989	.2031300	.2670647	.2536433	1.588583
#1	.8447464	237.2452	17.09409	32.10019	1.248102	.0601110
#2	.8532251	237.5727	17.08450	32.01009	1.242214	.0601691
#3	.8496552	236.9179	17.02981	32.18146	1.247148	.0585011

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244464	.9958298	2.115370	8.166533	F 11.06142	.1108611
Stddev	.0070002	.0073353	.004873	.164837	.02494	.0016864
%RSD	1.334769	.7366050	.2303389	2.018447	.2254766	1.521159
#1	.5207566	1.000975	2.120502	8.242183	11.08188	.1093626
#2	.5325195	.999084	2.110807	8.279966	11.03363	.1105335
#3	.5200630	.987430	2.114800	7.977450	11.06874	.1126872

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-06 Acquired: 12/29/2024 3:46:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK44S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092201	3.534575	12.13086	.0914454	.7719896	-.043234
Stddev	.0003758	.007416	.02323	.0007566	.0028840	.000562
%RSD	4.076235	.2098258	.1915117	.8274194	.3735811	1.299851
#1	.0091288	3.542934	12.15103	.0911751	.7717243	-.042730
#2	.0096332	3.532008	12.13609	.0923001	.7749970	-.043132
#3	.0088983	3.528783	12.10546	.0908610	.7692474	-.043840

Elem	Li6707
Units	ppm
Avg	.0887708
Stddev	.0027367
%RSD	3.082848
#1	.0863840
#2	.0881707
#3	.0917577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.451	33909.39	2567.810	1715.277	1868.151
Stddev	3.120	108.18	7.049	6.310	4.444
%RSD	.1159272	.3190325	.2745033	.3678964	.2378762
#1	2691.899	33895.83	2559.827	1710.113	1867.632
#2	2694.324	34023.72	2573.176	1722.311	1872.831
#3	2688.132	33808.63	2570.427	1713.407	1863.989

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-07 Acquired: 12/29/2024 3:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2179198	-.052832	3.346650	.1091996	.0262871	86.50454	1.101809
Stddev	.0047958	.000206	.007583	.0044730	.0028267	.74321	.010190
%RSD	2.200701	.3906478	.2265942	4.096170	10.75306	.8591554	.9248271
#1	.2156610	-.052598	3.347507	.1053363	.0256303	85.65154	1.090148
#2	.2146705	-.052986	3.338675	.1141001	.0238466	86.84943	1.106274
#3	.2234278	-.052913	3.353768	.1081626	.0293843	87.01265	1.109003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149364	.0114701	97.51545	.1337284	.0868009	.3323914	204.8613
Stddev	.0000969	.0001925	.83255	.0015624	.0008228	.0052709	1.8166
%RSD	.6487224	1.678457	.8537601	1.168342	.9479230	1.585753	.8867435
#1	.0149510	.0116919	96.55422	.1353316	.0877507	.3265545	202.7642
#2	.0148331	.0113453	97.98285	.1322103	.0863078	.3368033	205.9487
#3	.0150252	.0113733	98.00926	.1336435	.0863441	.3338165	205.8711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53242	31.37636	.2474038	.0028447	.5021671	.2109354	1.094999
Stddev	.15517	.27931	.0014008	.0008894	.0050990	.0068588	.002031
%RSD	.9989787	.8901772	.5662158	31.26388	1.015402	3.251615	.1855196
#1	15.35325	31.07550	.2481181	.0018180	.4977122	.2179697	1.096005
#2	15.62075	31.62741	.2457898	.0033754	.5077285	.2105697	1.092661
#3	15.62325	31.42617	.2483036	.0033408	.5010606	.2042668	1.096332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.155901	8.401602	.1092126	.0083779	3.734407	11.08860	.0790667
Stddev	.071233	.019714	.0027871	.0002673	.004315	.01595	.0015037
%RSD	.8733866	.2346466	2.551949	3.190199	.1155506	.1438611	1.901757
#1	8.077605	8.391977	.1061714	.0086681	3.729846	11.07204	.0792196
#2	8.216875	8.388549	.1116448	.0081419	3.734952	11.08989	.0774925
#3	8.173222	8.424280	.1098216	.0083237	3.738424	11.10387	.0804881

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-07 Acquired: 12/29/2024 3:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK45 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8312728	-.001274	.0880719
Stddev	.0036788	.001384	.0021849
%RSD	.4425480	108.6205	2.480858
#1	.8270688	-.000024	.0857038
#2	.8328471	-.002762	.0900097
#3	.8339025	-.001037	.0885022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.483	34915.85	2637.642	1770.455	1810.196
Stddev	6.686	151.94	6.283	3.491	3.905
%RSD	.2419418	.4351487	.2381960	.1971761	.2157159
#1	2770.760	34935.48	2643.092	1770.276	1813.463
#2	2762.077	34755.05	2630.770	1767.057	1811.252
#3	2757.611	35057.01	2639.062	1774.032	1805.871

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-08 Acquired: 12/29/2024 3:54:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063577	-.055498	2.139523	.1028243	.0237047	79.64315	1.058728
Stddev	.0014122	.004493	.007212	.0019489	.0046387	.15319	.002960
%RSD	.6843323	8.094861	.3370617	1.895318	19.56883	.1923437	.2795935
#1	.2065705	-.051377	2.145744	.1042525	.0190125	79.47430	1.055463
#2	.2048511	-.054831	2.131618	.1006041	.0238136	79.68194	1.059482
#3	.2076513	-.060287	2.141205	.1036162	.0282880	79.77322	1.061238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151658	.0085437	143.0220	.1159402	.0680313	.3212645	201.1998
Stddev	.0001078	.0001277	.4239	.0004976	.0009424	.0056887	.9033
%RSD	.7108454	1.495293	.2963733	.4292146	1.385198	1.770734	.4489600
#1	.0152047	.0084610	142.6322	.1164849	.0677516	.3151691	200.1567
#2	.0150440	.0084794	142.9605	.1158260	.0672605	.3221919	201.7141
#3	.0152488	.0086909	143.4733	.1155095	.0690819	.3264326	201.7284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.01839	34.75360	.2037214	.0032607	.6335414	.1945763	.9436590
Stddev	.03911	.12321	.0020491	.0007434	.0038935	.0013275	.0057749
%RSD	.3254589	.3545347	1.005838	22.79760	.6145616	.6822536	.6119735
#1	11.97441	34.62839	.2035405	.0024674	.6292871	.1930711	.9407592
#2	12.03148	34.75769	.2017687	.0039412	.6369275	.1955800	.9503092
#3	12.04928	34.87471	.2058549	.0033734	.6344095	.1950777	.9399087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.080457	7.909462	.1261234	.0081072	4.618072	10.97524	.0696353
Stddev	.184960	.014242	.0019272	.0002553	.024768	.06343	.0013933
%RSD	2.036901	.1800657	1.527985	3.148878	.5363248	.5778973	2.000828
#1	8.889774	7.903937	.1245408	.0078394	4.600536	10.95052	.0711619
#2	9.092490	7.898810	.1282695	.0083478	4.607274	10.92791	.0684322
#3	9.259106	7.925639	.1255600	.0081342	4.646406	11.04731	.0693118

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-08 Acquired: 12/29/2024 3:54:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9389791	.0955469	.0915708
Stddev	.0048211	.0018667	.0019350
%RSD	.5134361	1.953683	2.113166
#1	.9389282	.0944733	.0896372
#2	.9341836	.0944651	.0915679
#3	.9438253	.0977023	.0935073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.546	32298.77	2481.097	1639.798	1797.650
Stddev	3.563	118.91	6.127	10.613	2.795
%RSD	.1390453	.3681529	.2469637	.6472161	.1555080
#1	2558.560	32209.11	2480.546	1642.343	1794.525
#2	2563.656	32253.55	2487.482	1628.144	1799.914
#3	2565.422	32433.66	2475.264	1648.907	1798.511

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-09 Acquired: 12/29/2024 3:58:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1685342	-.043071	1.439818	.0947027	.0188119	80.94927	1.024450
Stddev	.0040457	.001591	.001540	.0027720	.0054411	.34117	.003188
%RSD	2.400509	3.694858	.1069716	2.927015	28.92386	.4214646	.3111462
#1	.1727391	-.043003	1.441069	.0935893	.0161332	80.99527	1.024165
#2	.1681942	-.041515	1.438098	.0926605	.0250730	80.58744	1.021414
#3	.1646692	-.044696	1.440287	.0978582	.0152294	81.26512	1.027770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137889	.0071502	189.3699	.1069087	.0817532	.2857009	189.2688
Stddev	.0001501	.0001820	.9691	.0008975	.0000886	.0031199	.6702
%RSD	1.088437	2.545108	.5117600	.8395009	.1084105	1.092008	.3541108
#1	.0139470	.0071591	189.6495	.1058760	.0816646	.2866466	189.3827
#2	.0136483	.0073276	188.2918	.1073497	.0817530	.2822175	188.5490
#3	.0137715	.0069640	190.1686	.1075003	.0818419	.2882384	189.8748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24017	38.48906	.1847396	.0024171	.5732466	.1777443	.7654455
Stddev	.03367	.20389	.0001767	.0012131	.0059310	.0165368	.0025696
%RSD	.2542969	.5297265	.0956588	50.18934	1.034627	9.303690	.3356978
#1	13.25675	38.67974	.1848918	.0012056	.5796551	.1968253	.7678759
#2	13.20143	38.27414	.1847811	.0036318	.5679507	.1675702	.7657044
#3	13.26233	38.51331	.1845458	.0024137	.5721340	.1688374	.7627563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.366595	7.479805	.1076790	.0076321	2.973114	10.71574	.0554558
Stddev	.048985	.023039	.0028876	.0010022	.013924	.13311	.0010637
%RSD	.5229805	.3080166	2.681679	13.13169	.4683211	1.242220	1.918062
#1	9.355371	7.465174	.1052821	.0065685	2.957360	10.75302	.0542286
#2	9.324196	7.467879	.1108848	.0085588	2.978212	10.56796	.0561135
#3	9.420219	7.506362	.1068702	.0077688	2.983770	10.82624	.0560253

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-09 Acquired: 12/29/2024 3:58:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7750058	.1157227	.0896467
Stddev	.0014781	.0025098	.0013037
%RSD	.1907235	2.168813	1.454246
#1	.7742279	.1161919	.0903176
#2	.7740791	.1130114	.0881442
#3	.7767104	.1179648	.0904783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.550	32588.49	2504.111	1645.082	1786.671
Stddev	5.379	172.85	22.109	6.712	3.814
%RSD	.2087547	.5303877	.8829007	.4080246	.2134513
#1	2578.767	32710.84	2496.498	1650.923	1791.059
#2	2570.417	32390.75	2529.021	1637.750	1784.153
#3	2580.466	32663.86	2486.815	1646.574	1784.801

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-10 Acquired: 12/29/2024 4:02:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0323348	.0144719	.2199476	-.004709	-.017346	26.54638
Stddev	.0061215	.0068700	.0034815	.001874	.001816	.05310
%RSD	18.93175	47.47165	1.582891	39.79419	10.47226	.2000458
#1	.0252770	.0168239	.2212204	-.003193	-.016578	26.48525
#2	.0362005	.0067347	.2160088	-.006804	-.016039	26.57280
#3	.0355270	.0198570	.2226137	-.004129	-.019420	26.58110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754424	.0061752	.0025524	F 1246.911	.0545162	.0758249
Stddev	.0006649	.0003882	.0001811	.442	.0008747	.0004054
%RSD	.8812646	6.286716	7.093700	.0354613	1.604558	.5346359
#1	.0748322	.0058543	.0023437	1246.543	.0548455	.0754043
#2	.0753441	.0060645	.0026457	1247.401	.0535247	.0758573
#3	.0761509	.0066067	.0026677	1246.789	.0551786	.0762131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492490	83.18088	5.193891	668.3116	.1005192	.0015972
Stddev	.0012612	.25845	.014278	1.4098	.0001425	.0009363
%RSD	2.560846	.3107119	.2748907	.2109476	.1417418	58.62333
#1	.0478358	82.88266	5.180475	668.4888	.1004238	.0025599
#2	.0496511	83.33990	5.192301	669.6244	.1006829	.0006896
#3	.0502601	83.32008	5.208897	666.8216	.1004507	.0015422

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768701	.0515257	.5015344	15.37752	1.827439	.1898552
Stddev	.020388	.0083751	.0021027	.08872	.001472	.0019858
%RSD	1.152731	16.25426	.4192498	.5769257	.0805757	1.045957
#1	1.777427	.0598716	.5022075	15.47604	1.825740	.1916756
#2	1.745402	.0515838	.4991775	15.30396	1.828220	.1877375
#3	1.783275	.0431217	.5032181	15.35255	1.828355	.1901525

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-10 Acquired: 12/29/2024 4:02:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK48 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000571	30.63787	6.364922	.0202087	.0575181	.6203872
Stddev	.000772	.09822	.012896	.0013382	.0043678	.0025001
%RSD	135.1402	.3205700	.2026100	6.621676	7.593745	.4029975
#1	.000085	30.52762	6.378073	.0198432	.0565377	.6208862
#2	-.000376	30.66997	6.364397	.0216916	.0622928	.6176752
#3	-.001421	30.71602	6.352297	.0190912	.0537239	.6226002

Elem	Li6707
Units	ppm
Avg	.0897855
Stddev	.0021114
%RSD	2.351631
#1	.0880523
#2	.0921370
#3	.0891672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.899	26162.82	2093.242	1303.033	1509.032
Stddev	6.064	82.43	6.448	5.382	5.061
%RSD	.2972522	.3150486	.3080605	.4130186	.3354051
#1	2034.352	26101.03	2086.359	1299.116	1505.339
#2	2046.372	26256.41	2094.221	1309.170	1514.802
#3	2038.972	26131.02	2099.144	1300.814	1506.956

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-11 Acquired: 12/29/2024 4:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325543	.0210511	.8141696	-.003616	-.023776	22.40412
Stddev	.0066461	.0017381	.0003021	.014710	.005998	.05418
%RSD	20.41551	8.256329	.0371091	406.7860	25.22708	.2418378
#1	.0289759	.0219793	.8138236	.011797	-.025823	22.46158
#2	.0284640	.0190460	.8143040	-.017505	-.017023	22.35396
#3	.0402228	.0221279	.8143812	-.005141	-.028484	22.39683

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1476691	.0061358	.0092774	F 1850.292	.0740492	.0708374
Stddev	.0001907	.0002000	.0002110	12.814	.0007722	.0014885
%RSD	.1291118	3.259972	2.274811	.6925650	1.042836	2.101271
#1	.1475652	.0063668	.0095169	1835.698	.0749408	.0699509
#2	.1475530	.0060237	.0091967	1855.474	.0735953	.0725559
#3	.1478891	.0060170	.0091187	1859.703	.0736115	.0700055

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606459	94.62805	6.370674	F 1048.706	.0945866	.0010085
Stddev	.0141948	.20452	.012086	3.269	.0007573	.0018812
%RSD	23.40611	.2161339	.1897091	.3117091	.8005894	186.5321
#1	.0454850	94.83046	6.384179	1050.261	.0938412	-.000414
#2	.0736211	94.42147	6.366969	1050.907	.0953552	.000298
#3	.0628315	94.63223	6.360875	1044.950	.0945633	.003142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.353899	.0411526	2.069327	11.86236	2.007568	.1772778
Stddev	.013631	.0085642	.009583	.04182	.002339	.0011972
%RSD	.5790710	20.81083	.4631179	.3525809	.1165135	.6753473
#1	2.350822	.0502929	2.080053	11.90926	2.004915	.1759371
#2	2.342071	.0333135	2.066321	11.84889	2.009334	.1782401
#3	2.368806	.0398513	2.061607	11.82894	2.008456	.1776563

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-11 Acquired: 12/29/2024 4:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK49 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000199	48.43142	7.122129	.0230828	.0936265	.7637709
Stddev	.0012978	.08910	.017692	.0025274	.0019186	.0022205
%RSD	6516.231	.1839743	.2484068	10.94939	2.049199	.2907319
#1	.0014522	48.33546	7.142480	.0217087	.0920099	.7658945
#2	-.000314	48.51154	7.113492	.0215402	.0931230	.7614647
#3	-.001078	48.44725	7.110414	.0259996	.0957467	.7639534

Elem	Li6707
Units	ppm
Avg	.0803086
Stddev	.0035462
%RSD	4.415759
#1	.0817974
#2	.0828678
#3	.0762607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.271	25153.87	2030.526	1241.374	1436.262
Stddev	2.635	108.63	15.407	8.173	1.233
%RSD	.1340281	.4318692	.7587757	.6583900	.0858531
#1	1968.527	25047.93	2014.630	1232.079	1437.204
#2	1966.911	25265.00	2045.392	1247.435	1436.717
#3	1963.374	25148.69	2031.556	1244.609	1434.866

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-12 Acquired: 12/29/2024 4:10:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416345	.0134415	2.645773	.0013340	-.018955	14.94570
Stddev	.0068427	.0036042	.007865	.0060342	.001671	.07152
%RSD	16.43514	26.81387	.2972835	452.3361	8.815827	.4785611
#1	.0491967	.0175585	2.636762	-.002606	-.017137	14.87805
#2	.0358703	.0119096	2.651264	.008281	-.019304	15.02055
#3	.0398367	.0108563	2.649292	-.001673	-.020424	14.93849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1619912	.0067261	.0306431	F 2224.019	.0482448	.0578917
Stddev	.0016919	.0001545	.0002820	19.702	.0007019	.0011472
%RSD	1.044461	2.296992	.9201338	.8858789	1.454838	1.981646
#1	.1603858	.0067971	.0303234	2215.289	.0474355	.0571629
#2	.1637581	.0065488	.0308564	2246.578	.0486120	.0572981
#3	.1618298	.0068323	.0307495	2210.191	.0486870	.0592141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327143	122.0702	7.691195	F 1252.918	.0885150	.0019171
Stddev	.0065132	.4706	.038395	4.991	.0005643	.0011149
%RSD	19.90934	.3855387	.4992076	.3983650	.6375098	58.15236
#1	.0401744	121.5268	7.646987	1247.585	.0891544	.0008129
#2	.0298099	122.3366	7.716210	1257.477	.0883036	.0030423
#3	.0281585	122.3473	7.710386	1253.692	.0880869	.0018963

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.716993	.0557028	5.575534	9.092567	1.096621	.1665616
Stddev	.036514	.0054680	.010633	.065951	.008256	.0022026
%RSD	1.343929	9.816326	.1907017	.7253262	.7528667	1.322398
#1	2.709479	.0494085	5.586262	9.167501	1.087471	.1641145
#2	2.756680	.0584204	5.575342	9.043346	1.098878	.1671850
#3	2.684820	.0592797	5.564999	9.066854	1.103514	.1683853

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-12 Acquired: 12/29/2024 4:10:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022411	98.19683	6.149214	.0259046	.0017310	.7440101
Stddev	.0003226	.59982	.005693	.0009715	.0033611	.0043130
%RSD	14.39524	.6108381	.0925862	3.750264	194.1777	.5797013
#1	.0021582	97.54371	6.145922	.0260372	-.001607	.7416545
#2	.0019680	98.32374	6.145932	.0268029	.005115	.7489880
#3	.0025971	98.72305	6.155788	.0248736	.001685	.7413877

Elem	Li6707
Units	ppm
Avg	.0656358
Stddev	.0012385
%RSD	1.886918
#1	.0642058
#2	.0663369
#3	.0663648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.976	24490.87	1995.699	1206.517	1397.021
Stddev	4.707	73.42	6.650	5.482	2.791
%RSD	.2465773	.2997812	.3331927	.4543502	.1998118
#1	1911.933	24478.04	1997.607	1202.036	1399.877
#2	1903.548	24424.71	1988.305	1204.886	1394.299
#3	1911.447	24569.86	2001.187	1212.630	1396.888

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-13 Acquired: 12/29/2024 4:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2235744	-.072111	.6326948	.1350963	.0402090	88.77365	.6261557
Stddev	.0008145	.005177	.0033293	.0011545	.0010342	.29113	.0005767
%RSD	.3643213	7.179009	.5262090	.8545745	2.572143	.3279467	.0921088
#1	.2244860	-.075667	.6364716	.1344953	.0405558	89.03710	.6266788
#2	.2229182	-.066172	.6314278	.1343662	.0390460	88.82276	.6255372
#3	.2233190	-.074494	.6301851	.1364273	.0410254	88.46109	.6262511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148946	.0047271	28.86268	.1174858	.0939025	.3888793	221.2117
Stddev	.0002741	.0001208	.05668	.0002429	.0013116	.0056199	.7356
%RSD	1.840213	2.556129	.1963750	.2067707	1.396807	1.445149	.3325500
#1	.0151484	.0047994	28.92790	.1172154	.0952833	.3830735	221.9182
#2	.0149315	.0045876	28.83474	.1175565	.0926731	.3892717	221.2670
#3	.0146039	.0047944	28.82539	.1176856	.0937512	.3942927	220.4500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.26935	20.87442	.1906226	.0015323	.3361109	.1732610	.6305217
Stddev	.07341	.01651	.0013937	.0008222	.0200129	.0070148	.0019891
%RSD	.3621942	.0790948	.7311239	53.65875	5.954257	4.048676	.3154713
#1	20.33117	20.87265	.1910986	.0007250	.3514423	.1653185	.6326230
#2	20.28868	20.85887	.1890533	.0015033	.3434194	.1786089	.6302741
#3	20.18821	20.89175	.1917160	.0023687	.3134710	.1758554	.6286679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.677680	2.699652	.0918013	.0101073	.8440712	10.49549	.0261916
Stddev	.057517	.015004	.0004888	.0003361	.0140332	.10482	.0012716
%RSD	.7491400	.5557818	.5324205	3.324840	1.662566	.9987472	4.855002
#1	7.666953	2.716315	.0912412	.0100566	.8528953	10.59180	.0265032
#2	7.739805	2.687212	.0920210	.0097994	.8514292	10.51081	.0272784
#3	7.626282	2.695430	.0921416	.0104658	.8278891	10.38384	.0247931

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-13 Acquired: 12/29/2024 4:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5067299	-.078501	.0818565
Stddev	.0050805	.000871	.0021832
%RSD	1.002612	1.109764	2.667162
#1	.5084242	-.079101	.0804191
#2	.5107468	-.078899	.0843688
#3	.5010187	-.077502	.0807816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.766	36117.91	2703.717	1837.413	1858.424
Stddev	14.184	196.00	22.740	4.361	11.805
%RSD	.4913495	.5426731	.8410683	.2373513	.6352105
#1	2876.992	36184.84	2678.936	1837.849	1848.084
#2	2903.035	36271.69	2708.589	1841.540	1871.286
#3	2880.271	35897.21	2723.626	1832.851	1855.901

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-14 Acquired: 12/29/2024 4:18:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263744	-.051339	6.769343	.0854763	.0216041	77.61853
Stddev	.0068687	.006801	.016762	.0053952	.0021590	3.12016
%RSD	5.435204	13.24737	.2476153	6.311960	9.993635	4.019868
#1	.1187479	-.043823	6.754031	.0814972	.0219028	74.03563
#2	.1283016	-.053126	6.766746	.0833145	.0235982	79.08207
#3	.1320736	-.057069	6.787252	.0916172	.0193112	79.73789

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.351218	.0127947	.0179693	80.89841	.2247904	.0538297
Stddev	.125225	.0005197	.0002912	3.09599	.0003836	.0028248
%RSD	3.736691	4.061889	1.620556	3.827009	.1706263	5.247639
#1	3.206843	.0121986	.0182749	77.32348	.2247635	.0569159
#2	3.416474	.0131524	.0176951	82.69471	.2251867	.0532009
#3	3.430338	.0130331	.0179379	82.67703	.2244211	.0513723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7267991	162.4107	6.527641	24.44384	.2358295	.0049180
Stddev	.0253305	6.1599	.250252	.87663	.0007382	.0009198
%RSD	3.485218	3.792791	3.833734	3.586312	.3130341	18.70266
#1	.6987632	155.3021	6.238870	23.43906	.2359011	.0038776
#2	.7480370	165.7538	6.662818	24.83998	.2350581	.0056231
#3	.7335972	166.1764	6.681234	25.05249	.2365293	.0052534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6657312	.2065052	4.777013	7.589719	F 16.82013	.0989364
Stddev	.0101698	.0050622	.034056	.550395	.05380	.0038180
%RSD	1.527617	2.451383	.7129104	7.251845	.3198693	3.859068
#1	.6556488	.2018171	4.791619	6.967378	16.76136	.0945709
#2	.6759862	.2118729	4.801330	7.789295	16.83206	.1005861
#3	.6655586	.2058256	4.738091	8.012483	16.86696	.1016521

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-14 Acquired: 12/29/2024 4:18:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113871	5.234045	11.31807	.1798742	1.103884	.2212424
Stddev	.0007767	.013815	.35583	.0021551	.044136	.0083630
%RSD	6.820520	.2639471	3.143895	1.198095	3.998231	3.780029
#1	.0105545	5.235931	10.90765	.1780932	1.053396	.2116019
#2	.0120921	5.219384	11.50662	.1822698	1.123110	.2255775
#3	.0115147	5.246821	11.53996	.1792597	1.135146	.2265478

Elem	Li6707
Units	ppm
Avg	.1239826
Stddev	.0099101
%RSD	7.993141
#1	.1127276
#2	.1278205
#3	.1313998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.705	30970.30	2415.962	1572.853	1851.963
Stddev	2.373	54.69	85.540	9.962	1.211
%RSD	.0961258	.1765805	3.540621	.6334005	.0653687
#1	2466.893	30988.06	2513.654	1570.845	1853.244
#2	2467.831	31013.91	2379.739	1564.048	1850.838
#3	2471.391	30908.94	2354.493	1583.667	1851.808

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-15 Acquired: 12/29/2024 4:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2223565	-.092918	8.685747	.1394764	.0436424	85.37290
Stddev	.0066623	.002398	.011084	.0022726	.0048388	.36728
%RSD	2.996236	2.580715	.1276063	1.629358	11.08749	.4302042
#1	.2152494	-.093694	8.680243	.1417492	.0491470	85.72383
#2	.2233600	-.094832	8.678494	.1372041	.0417206	84.99121
#3	.2284602	-.090228	8.698506	.1394759	.0400597	85.40366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.421138	.0178284	.0254491	114.1514	.2335760	.0430272
Stddev	.017736	.0003316	.0000775	.5007	.0013365	.0014665
%RSD	.4011672	1.860164	.3045745	.4386079	.5721780	3.408347
#1	4.437706	.0181687	.0253651	114.6292	.2321382	.0432628
#2	4.402428	.0178106	.0254645	113.6306	.2347804	.0414572
#3	4.423279	.0175061	.0255178	114.1943	.2338095	.0443617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9155107	257.1377	7.555239	26.51735	.2822544	.0058861
Stddev	.0052247	.6896	.019761	.08464	.0013311	.0012300
%RSD	.5706918	.2681937	.2615514	.3191690	.4715879	20.89756
#1	.9096020	257.8966	7.573226	26.52375	.2810884	.0055859
#2	.9195203	256.9670	7.534086	26.59860	.2819701	.0072384
#3	.9174099	256.5494	7.558405	26.42970	.2837046	.0048338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.336615	.2603449	6.214655	8.152603	F 20.30942	.1269559
Stddev	.032570	.0169987	.014201	.107545	.03609	.0021805
%RSD	2.436736	6.529298	.2285148	1.319153	.1777233	1.717544
#1	1.372917	.2499835	6.198317	8.129208	20.27344	.1274843
#2	1.326975	.2510882	6.224049	8.269920	20.30918	.1245597
#3	1.309953	.2799629	6.221598	8.058681	20.34563	.1288236

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-15 Acquired: 12/29/2024 4:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149513	4.424441	11.31627	.9395766	1.256975	.2979246
Stddev	.0002346	.010519	.16353	.0038222	.005681	.0040455
%RSD	1.569082	.2377572	1.445114	.4067957	.4519903	1.357887
#1	.0152093	4.432802	11.49645	.9387521	1.250776	.3014991
#2	.0147507	4.412630	11.27512	.9362339	1.258216	.2935329
#3	.0148940	4.427892	11.17724	.9437437	1.261934	.2987419

Elem	Li6707
Units	ppm
Avg	.1351299
Stddev	.0034741
%RSD	2.570942
#1	.1375168
#2	.1311442
#3	.1367286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.331	31022.53	2364.413	1576.980	1846.298
Stddev	6.868	142.34	23.814	11.294	3.374
%RSD	.2788247	.4588326	1.007171	.7161777	.1827398
#1	2456.096	31168.54	2337.729	1587.577	1844.565
#2	2469.762	31014.89	2372.006	1578.262	1850.186
#3	2464.133	30884.17	2383.505	1565.099	1844.143

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-16 Acquired: 12/29/2024 4:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671487	-.064538	2.884543	.1010123	.0274738	94.71021
Stddev	.0053289	.001715	.003578	.0020910	.0016947	.14914
%RSD	3.188091	2.656573	.1240461	2.070014	6.168517	.1574704
#1	.1698615	-.062561	2.882293	.1029643	.0268812	94.87739
#2	.1705754	-.065618	2.888669	.1012670	.0293853	94.59083
#3	.1610093	-.065435	2.882668	.0988057	.0261550	94.66240

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.295724	.0146453	.0125310	74.60802	.1813777	.0610583
Stddev	.001751	.0000414	.0000290	.11584	.0019397	.0005042
%RSD	.0762526	.2828239	.2312816	.1552582	1.069421	.8257833
#1	2.297660	.0146604	.0125081	74.73702	.1793815	.0606558
#2	2.295257	.0146770	.0125636	74.57415	.1814964	.0616239
#3	2.294253	.0145984	.0125213	74.51289	.1832554	.0608953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3808986	196.2900	11.59884	27.08277	.2154683	.0034071
Stddev	.0038816	.1563	.03440	.16053	.0005537	.0007689
%RSD	1.019076	.0796026	.2965653	.5927235	.2569712	22.56840
#1	.3839634	196.2399	11.62425	27.11989	.2160906	.0025266
#2	.3821986	196.1649	11.55969	26.90694	.2152842	.0039461
#3	.3765338	196.4652	11.61257	27.22149	.2150302	.0037488

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5942951	.2536249	2.295904	7.723258	F 14.09524	.0915215
Stddev	.0207984	.0085303	.018041	.105673	.02626	.0019183
%RSD	3.499667	3.363354	.7857696	1.368240	.1862800	2.095981
#1	.5808944	.2606235	2.297040	7.801983	14.07712	.0937343
#2	.5837360	.2561281	2.277322	7.764632	14.08324	.0904997
#3	.6182548	.2441230	2.313350	7.603158	14.12535	.0903304

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-16 Acquired: 12/29/2024 4:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113743	3.075805	11.97200	.1246326	1.000740	.1246031
Stddev	.0008422	.003672	.07079	.0028828	.003046	.0010798
%RSD	7.404645	.1193960	.5913006	2.313044	.3043591	.8665764
#1	.0104877	3.071566	12.04466	.1267906	1.001334	.1254813
#2	.0121637	3.077808	11.96808	.1213586	.997441	.1249304
#3	.0114713	3.078039	11.90324	.1257485	1.003445	.1233975

Elem	Li6707
Units	ppm
Avg	.1608960
Stddev	.0024905
%RSD	1.547899
#1	.1596294
#2	.1592934
#3	.1637652

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.786	32464.25	2502.333	1648.983	1847.352
Stddev	4.793	362.40	1.071	17.587	1.708
%RSD	.1833113	1.116304	.0428171	1.066554	.0924424
#1	2610.323	32709.98	2501.392	1655.857	1845.727
#2	2614.184	32634.73	2503.499	1662.095	1847.198
#3	2619.853	32048.05	2502.109	1628.997	1849.132

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-17 Acquired: 12/29/2024 4:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996525	-.064689	.7072809	.0909494	.0233805	106.3343
Stddev	.0078082	.003995	.0033441	.0034883	.0020634	1.4688
%RSD	7.835401	6.176219	.4728138	3.835394	8.825279	1.381328
#1	.0922774	-.060733	.7083932	.0894486	.0239103	106.5448
#2	.1078315	-.064610	.7099272	.0884628	.0211038	104.7716
#3	.0988486	-.068723	.7035224	.0949369	.0251273	107.6865

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.449746	.0148999	.0082849	395.4196	.1957501	.0581658
Stddev	.016751	.0001427	.0001169	6.7982	.0010637	.0017459
%RSD	1.155436	.9577320	1.411228	1.719227	.5434087	3.001594
#1	1.452516	.0148728	.0083635	396.6578	.1948168	.0582591
#2	1.431783	.0147727	.0081505	388.0875	.1969083	.0598631
#3	1.464940	.0150542	.0083406	401.5136	.1955252	.0563751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1575227	208.5895	6.413797	55.12334	.2148310	.0018143
Stddev	.0077667	3.0674	.092665	.51236	.0008255	.0013000
%RSD	4.930526	1.470539	1.444777	.9294826	.3842700	71.65398
#1	.1617942	209.2001	6.424600	55.44005	.2149223	.0010096
#2	.1485578	205.2627	6.316204	54.53222	.2156070	.0011192
#3	.1622160	211.3056	6.500587	55.39775	.2139635	.0033140

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6764991	.2351638	.8236097	7.507341	F 12.17086	.0964880
Stddev	.0228198	.0093117	.0026619	.261512	.01645	.0013260
%RSD	3.373214	3.959648	.3232025	3.483420	.1351230	1.374259
#1	.7009486	.2457747	.8211789	7.469565	12.16018	.0977433
#2	.6557651	.2283540	.8264543	7.266772	12.16260	.0951011
#3	.6727836	.2313627	.8231959	7.785687	12.18980	.0966194

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5030-17 Acquired: 12/29/2024 4:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058917	2.787400	10.57376	.0466997	1.140283	.1429669
Stddev	.0002001	.010626	.11851	.0006491	.010407	.0028974
%RSD	3.396653	.3812284	1.120768	1.389988	.9126456	2.026605
#1	.0060902	2.786693	10.65025	.0469992	1.145816	.1434494
#2	.0056900	2.777145	10.43725	.0459548	1.128278	.1398585
#3	.0058950	2.798363	10.63377	.0471449	1.146754	.1455927

Elem	Li6707
Units	ppm
Avg	.1820265
Stddev	.0040062
%RSD	2.200890
#1	.1826441
#2	.1777473
#3	.1856880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.979	32823.35	2535.087	1660.868	1768.345
Stddev	11.023	124.65	29.697	8.194	5.453
%RSD	.4231618	.3797515	1.171450	.4933521	.3083418
#1	2599.388	32945.17	2525.645	1669.294	1764.704
#2	2617.678	32828.83	2568.357	1660.383	1774.614
#3	2597.872	32696.06	2511.259	1652.927	1765.718

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-18 Acquired: 12/29/2024 4:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589099	-.042550	.2581734	.0716627	.0169224	76.16062	.8698866
Stddev	.0041999	.003353	.0015715	.0069232	.0032580	.50317	.0058681
%RSD	7.129404	7.881209	.6087160	9.660813	19.25279	.6606673	.6745786
#1	.0545406	-.046415	.2571087	.0698966	.0141306	75.86037	.8661292
#2	.0592721	-.040825	.2599784	.0657936	.0205022	75.87997	.8668821
#3	.0629169	-.040410	.2574332	.0792979	.0161344	76.74152	.8766485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119358	.0044825	617.5616	.1138967	.0646154	.1346416	190.8217
Stddev	.0002113	.0001281	4.1235	.0002371	.0005392	.0015298	1.2763
%RSD	1.770728	2.857913	.6677112	.2082003	.8344434	1.136235	.6688308
#1	.0116934	.0043598	614.7900	.1138404	.0645798	.1329280	189.9137
#2	.0120322	.0046154	615.5944	.1141570	.0651715	.1351267	190.2703
#3	.0120818	.0044723	622.3003	.1136929	.0640949	.1358701	192.2809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.731249	127.7344	.2150447	-.000776	1.176733	.1654305	.5053699
Stddev	.052510	1.1161	.0008062	.000748	.039964	.0030778	.0057557
%RSD	.7800972	.8737869	.3749150	96.35956	3.396168	1.860462	1.138919
#1	6.688619	127.2380	.2159217	-.000856	1.131335	.1638695	.5090061
#2	6.715224	126.9526	.2143358	-.001480	1.206600	.1634461	.4987339
#3	6.789905	129.0126	.2148766	.000008	1.192263	.1689760	.5083697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.898240	7.738268	.0939235	.0053756	1.136197	10.59760	.0329624
Stddev	.266062	.029644	.0018287	.0006856	.006941	.06141	.0013491
%RSD	3.368629	.3830820	1.946987	12.75407	.6109350	.5794329	4.092775
#1	7.764867	7.713405	.0954754	.0046602	1.128182	10.53065	.0344668
#2	7.725244	7.730323	.0919074	.0060269	1.140271	10.61085	.0318602
#3	8.204610	7.771074	.0943875	.0054397	1.140137	10.65130	.0325600

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-18 Acquired: 12/29/2024 4:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.397275	.4956914	.1403358
Stddev	.008334	.0027374	.0012533
%RSD	.5964715	.5522450	.8931045
#1	1.402302	.4946008	.1402265
#2	1.387655	.4936674	.1391406
#3	1.401870	.4988061	.1416401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.942	29965.15	2356.339	1503.276	1686.702
Stddev	4.643	130.09	14.501	12.877	2.403
%RSD	.1959132	.4341477	.6154020	.8565879	.1424882
#1	2366.797	29879.65	2370.076	1499.501	1689.466
#2	2367.754	30114.86	2357.762	1517.619	1685.104
#3	2375.274	29900.93	2341.179	1492.709	1685.537

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-19 Acquired: 12/29/2024 4:38:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462027	-.035931	.1046537	.0619321	.0110186	68.78017	.6507544
Stddev	.0019939	.003493	.0031026	.0085495	.0021488	.54257	.0046173
%RSD	4.315494	9.721977	2.964656	13.80460	19.50204	.7888482	.7095335
#1	.0441071	-.031943	.1024370	.0646183	.0085933	69.35709	.6560111
#2	.0480762	-.038449	.1081995	.0523621	.0117775	68.70327	.6488975
#3	.0464248	-.037402	.1033248	.0688159	.0126850	68.28015	.6473547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107750	.0032172	476.1992	.1003373	.0723160	.1228642	171.8166
Stddev	.0003236	.0001417	2.2364	.0005503	.0011373	.0008670	1.4681
%RSD	3.003462	4.403231	.4696250	.5484548	1.572725	.7056656	.8544372
#1	.0111477	.0032242	478.7129	.1003341	.0716873	.1223529	173.4226
#2	.0106115	.0030721	475.4543	.0997887	.0716318	.1223745	171.4835
#3	.0105657	.0033552	474.4303	.1008893	.0736289	.1238653	170.5437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.779646	116.5093	.2118175	-.000709	.9648184	.1534198	.3544020
Stddev	.046147	.9652	.0004227	.000911	.0206730	.0066173	.0009839
%RSD	.6806638	.8284281	.1995331	128.4715	2.142683	4.313220	.2776081
#1	6.822901	117.4213	.2114299	.000312	.9886679	.1587072	.3549921
#2	6.784966	116.6080	.2122681	-.000999	.9520136	.1555534	.3532662
#3	6.731069	115.4985	.2117545	-.001440	.9537738	.1459989	.3549477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.660318	7.013817	.0822888	.0048179	.6336580	9.664723	.0224794
Stddev	.085149	.005184	.0020148	.0004839	.0092759	.065987	.0022889
%RSD	1.111564	.0739078	2.448485	10.04334	1.463872	.6827626	10.18243
#1	7.617753	7.013987	.0809144	.0047725	.6418948	9.711285	.0218848
#2	7.758358	7.008550	.0846017	.0053230	.6236101	9.693674	.0250069
#3	7.604845	7.018913	.0813504	.0043584	.6354692	9.589209	.0205464

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-19 Acquired: 12/29/2024 4:38:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.384952	.4623062	.1252917
Stddev	.003130	.0021387	.0016704
%RSD	.2260044	.4626243	1.333201
#1	1.384228	.4643249	.1238012
#2	1.388381	.4600649	.1270971
#3	1.382248	.4625287	.1249768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.916	29895.18	2311.176	1508.863	1714.034
Stddev	4.904	110.90	10.962	5.784	5.450
%RSD	.2078858	.3709718	.4743245	.3833449	.3179495
#1	2356.478	30012.16	2303.474	1506.878	1711.622
#2	2355.709	29791.56	2306.328	1504.334	1710.206
#3	2364.561	29881.83	2323.727	1515.379	1720.273

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-20 Acquired: 12/29/2024 4:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724122	-.033769	.1054803	.0627528	.0120612	75.87354	.6255160
Stddev	.0046811	.007321	.0011720	.0009726	.0051711	.31810	.0030989
%RSD	6.464464	21.68102	1.111107	1.549858	42.87344	.4192559	.4954190
#1	.0760739	-.025594	.1067045	.0638736	.0093652	75.51673	.6222653
#2	.0671380	-.039722	.1043686	.0622540	.0087953	75.97643	.6284368
#3	.0740246	-.035990	.1053678	.0621308	.0180231	76.12747	.6258458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109637	.0032577	522.8859	.1081465	.0797165	.1324544	170.5290
Stddev	.0001198	.0000695	2.3353	.0001589	.0004400	.0055867	.4453
%RSD	1.092462	2.134068	.4466119	.1469169	.5519012	4.217797	.2611154
#1	.0110976	.0031991	520.1977	.1079794	.0799554	.1260136	170.0238
#2	.0109266	.0033345	524.0464	.1081646	.0799854	.1353615	170.8644
#3	.0108668	.0032394	524.4135	.1082956	.0792088	.1359880	170.6987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.688083	111.8324	.2219985	-.000351	1.104716	.1694384	.3778453
Stddev	.014203	.3774	.0016169	.000723	.012153	.0133004	.0038207
%RSD	.2497047	.3374949	.7283544	205.7291	1.100141	7.849694	1.011182
#1	5.671698	111.4009	.2225442	-.001172	1.111731	.1837477	.3816390
#2	5.695653	112.1011	.2201793	.000189	1.111734	.1671140	.3739981
#3	5.696899	111.9953	.2232720	-.000070	1.090682	.1574533	.3778987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.928358	7.214936	.0788930	.0040785	.6788246	11.49171	.0213699
Stddev	.058778	.014038	.0006993	.0006500	.0029434	.01200	.0015783
%RSD	.7413611	.1945699	.8864559	15.93649	.4336013	.1044063	7.385415
#1	7.949477	7.219402	.0792068	.0037386	.6754346	11.50280	.0199014
#2	7.861939	7.199208	.0793804	.0048280	.6807305	11.49336	.0211695
#3	7.973658	7.226197	.0780917	.0036690	.6803088	11.47897	.0230388

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-20 Acquired: 12/29/2024 4:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.415946	.5378416	.1428535
Stddev	.006649	.0019916	.0054720
%RSD	.4695824	.3702934	3.830507
#1	1.408924	.5362579	.1365651
#2	1.416768	.5371894	.1454637
#3	1.422146	.5400776	.1465317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.717	30019.89	2304.959	1505.218	1697.855
Stddev	3.316	113.08	8.581	8.640	2.501
%RSD	.1399955	.3766906	.3722977	.5740118	.1472848
#1	2364.975	30129.19	2313.968	1505.318	1695.012
#2	2369.881	30027.11	2304.028	1513.809	1699.716
#3	2371.293	29903.37	2296.881	1496.529	1698.835

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-21 Acquired: 12/29/2024 4:45:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642520	-.038594	.1088591	.0615444	.0152514	76.24008	.6115035
Stddev	.0033776	.002151	.0034386	.0070675	.0049924	1.06422	.0100661
%RSD	5.256850	5.572937	3.158802	11.48360	32.73392	1.395883	1.646120
#1	.0678584	-.039711	.1124733	.0636290	.0200660	77.46791	.6231181
#2	.0611627	-.039956	.1056281	.0536691	.0155896	75.58253	.6053063
#3	.0637350	-.036114	.1084760	.0673352	.0100985	75.66981	.6060861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112873	.0029838	470.5185	.1060905	.0753433	.1343531	176.1622
Stddev	.0002240	.0000388	6.3724	.0008597	.0009235	.0081726	2.4848
%RSD	1.984096	1.301685	1.354328	.8103058	1.225765	6.082890	1.410534
#1	.0114206	.0029483	477.8708	.1052722	.0744109	.1347610	179.0254
#2	.0114126	.0029779	466.5872	.1060132	.0753614	.1259843	174.8921
#3	.0110288	.0030253	467.0975	.1069863	.0762577	.1423141	174.5691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976421	108.8903	.2106136	.0003180	1.006285	.1682757	.3709866
Stddev	.072057	1.4973	.0006544	.0004179	.023920	.0155200	.0014565
%RSD	1.447963	1.375060	.3107157	131.4104	2.377076	9.222949	.3926133
#1	5.059080	110.6192	.2098877	-.000126	1.021568	.1861888	.3697695
#2	4.943330	108.0126	.2111585	.000376	.978718	.1597776	.3726004
#3	4.926854	108.0392	.2107945	.000704	1.018568	.1588607	.3705899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.867604	7.087870	.0846486	.0035420	.6151418	10.86465	.0236371
Stddev	.052615	.016257	.0019083	.0002920	.0106728	.10189	.0033929
%RSD	.5933420	.2293602	2.254339	8.244157	1.735022	.9378552	14.35407
#1	8.896503	7.081324	.0867373	.0032225	.6211925	10.97618	.0240533
#2	8.899437	7.075907	.0829964	.0036084	.6028185	10.84134	.0200553
#3	8.806873	7.106380	.0842121	.0037950	.6214142	10.77642	.0268027

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-21 Acquired: 12/29/2024 4:45:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.527053	.4855971	.1390509
Stddev	.023549	.0068092	.0032910
%RSD	1.542088	1.402236	2.366791
#1	1.554243	.4932898	.1406639
#2	1.513665	.4803427	.1412243
#3	1.513250	.4831589	.1352645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.527	29614.99	2250.526	1490.243	1675.068
Stddev	5.411	16.65	20.934	4.130	4.033
%RSD	.2330973	.0562279	.9301622	.2771483	.2407876
#1	2326.883	29608.73	2226.355	1494.981	1676.881
#2	2321.636	29633.86	2262.405	1488.342	1677.877
#3	2316.062	29602.37	2262.817	1487.405	1670.447

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-22 Acquired: 12/29/2024 4:49:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1944030	-.112282	.5129073	.1644619	.0525250	102.4335	.6864725
Stddev	.0039509	.004957	.0016543	.0041641	.0017293	1.2205	.0102891
%RSD	2.032310	4.414797	.3225292	2.531970	3.292379	1.191509	1.498838
#1	.1898578	-.117967	.5141877	.1682632	.0530843	102.9960	.6910496
#2	.1963358	-.110013	.5134947	.1651113	.0539054	103.2712	.6936789
#3	.1970154	-.108866	.5110395	.1600112	.0505852	101.0332	.6746891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168369	.0055559	23.37630	.1417435	.0479116	.2646732	268.1891
Stddev	.0001105	.0001990	.32412	.0004944	.0006091	.0016636	3.2117
%RSD	.6560025	3.582224	1.386531	.3488004	1.271307	.6285605	1.197569
#1	.0167791	.0057332	23.49846	.1419368	.0476145	.2665494	269.2974
#2	.0167674	.0053406	23.62160	.1411816	.0475080	.2633779	270.6999
#3	.0169643	.0055937	23.00886	.1421120	.0486122	.2640922	264.5700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.06980	25.09844	.1883135	.0020532	5.880561	.2417812	.7685598
Stddev	.21417	.27102	.0004784	.0003308	.040664	.0078406	.0026378
%RSD	1.254676	1.079840	.2540278	16.11036	.6914911	3.242847	.3432151
#1	17.16212	25.14844	.1882857	.0023046	5.881338	.2327964	.7715918
#2	17.22234	25.34099	.1888051	.0016785	5.920831	.2453086	.7672952
#3	16.82496	24.80590	.1878496	.0021766	5.839515	.2472384	.7667923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.681827	2.961106	.1110181	.0052198	2.724458	11.15226	.0320802
Stddev	.185408	.004641	.0038870	.0007319	.016652	.06566	.0012473
%RSD	2.135584	.1567338	3.501251	14.02136	.6112112	.5887251	3.888089
#1	8.633727	2.959934	.1128156	.0060381	2.706418	11.09714	.0307447
#2	8.886544	2.966220	.1136811	.0046278	2.739241	11.22490	.0322808
#3	8.525209	2.957163	.1065577	.0049936	2.727714	11.13473	.0332150

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5030-22 Acquired: 12/29/2024 4:49:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.206880	-.164106	.0985085
Stddev	.009829	.001886	.0054334
%RSD	.8144336	1.149086	5.515664
#1	1.204825	-.164518	.0991625
#2	1.217574	-.165753	.1035853
#3	1.198240	-.162049	.0927777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.142	32294.55	2432.948	1647.047	1828.019
Stddev	2.833	158.92	18.868	5.990	2.056
%RSD	.1106924	.4921025	.7755062	.3636899	.1124805
#1	2557.459	32154.26	2441.292	1641.450	1829.185
#2	2557.555	32262.24	2411.347	1646.325	1825.645
#3	2562.413	32467.14	2446.206	1653.365	1829.227

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-01 Acquired: 12/29/2024 4:53:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203315	-.033670	2.951218	.0638859	.0192583	51.90131
Stddev	.0018297	.001155	.007720	.0022265	.0062623	.17109
%RSD	1.520562	3.429217	.2615823	3.485187	32.51762	.3296374
#1	.1208893	-.032442	2.943399	.0645351	.0264487	52.02343
#2	.1182878	-.034733	2.951420	.0657157	.0149995	51.70577
#3	.1218174	-.033836	2.958834	.0614069	.0163266	51.97474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.400620	.0110157	.0065634	59.67670	.1200074	.0533817
Stddev	.007707	.0002101	.0000811	.09764	.0013959	.0008209
%RSD	.5502642	1.907145	1.236044	.1636174	1.163214	1.537862
#1	1.409272	.0112472	.0066527	59.57078	.1205649	.0524849
#2	1.394490	.0109626	.0064943	59.69620	.1210385	.0540961
#3	1.398099	.0108372	.0065431	59.76312	.1184189	.0535642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3540095	124.4942	6.356625	13.62088	.1700882	.0033304
Stddev	.0009004	.2933	.032436	.17127	.0003520	.0009782
%RSD	.2543411	.2355757	.5102708	1.257421	.2069577	29.37221
#1	.3541975	124.8114	6.393368	13.81588	.1702331	.0039262
#2	.3548011	124.2329	6.331962	13.55194	.1703446	.0038635
#3	.3530300	124.4385	6.344547	13.49482	.1696868	.0022014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6784071	.1558154	1.674464	7.360749	F 14.40303	.0868605
Stddev	.0288623	.0144694	.010538	.025274	.04347	.0022256
%RSD	4.254428	9.286241	.6293093	.3433552	.3018367	2.562277
#1	.6900422	.1441986	1.666187	7.366819	14.36287	.0844589
#2	.6455432	.1512242	1.686327	7.332993	14.39703	.0872692
#3	.6996359	.1720234	1.670879	7.382435	14.44920	.0888534

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-01 Acquired: 12/29/2024 4:53:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132857	6.773430	9.395986	.1066163	.7826686	.2343045
Stddev	.0003052	.015608	.071281	.0006609	.0015636	.0002843
%RSD	2.297009	.2304289	.7586299	.6198629	.1997733	.1213220
#1	.0133236	6.778493	9.457056	.1069758	.7841681	.2341797
#2	.0129633	6.755919	9.413240	.1070196	.7827895	.2346299
#3	.0135701	6.785877	9.317662	.1058536	.7810480	.2341041

Elem	Li6707
Units	ppm
Avg	.0600578
Stddev	.0013005
%RSD	2.165492
#1	.0594525
#2	.0591702
#3	.0615506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.794	30538.68	2293.448	1545.611	1901.394
Stddev	5.076	149.06	16.760	5.832	5.447
%RSD	.2099611	.4881049	.7307591	.3773401	.2864914
#1	2419.666	30657.33	2274.109	1551.879	1902.941
#2	2421.669	30587.33	2302.502	1544.611	1905.901
#3	2412.048	30371.37	2303.733	1540.344	1895.341

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-02 Acquired: 12/29/2024 4:57:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2185459	-.047100	1.452741	.0726354	.0188287	57.30974
Stddev	.0070356	.003659	.005803	.0042157	.0030183	.13050
%RSD	3.219287	7.767850	.3994322	5.803915	16.03041	.2277098
#1	.2201904	-.050934	1.448609	.0767190	.0194724	57.16082
#2	.2108336	-.043647	1.459375	.0682990	.0214732	57.36426
#3	.2246135	-.046720	1.450240	.0728882	.0155404	57.40413

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8182015	.0180885	.0042881	57.93315	.0898572	.0462247
Stddev	.0018089	.0001044	.0000611	.11423	.0005981	.0003771
%RSD	.2210881	.5771829	1.425625	.1971834	.6655620	.8158112
#1	.8174214	.0179695	.0042992	57.80129	.0899730	.0457936
#2	.8169134	.0181646	.0042222	58.00231	.0892097	.0463868
#3	.8202696	.0181314	.0043429	57.99584	.0903889	.0464936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2594478	136.9527	2.953999	6.507321	.1384212	.0012379
Stddev	.0060386	.4458	.006378	.065381	.0001794	.0006142
%RSD	2.327494	.3255239	.2158943	1.004725	.1295936	49.61836
#1	.2526003	136.6258	2.947886	6.435413	.1386283	.0007806
#2	.2617318	136.7718	2.960612	6.523358	.1383189	.0019360
#3	.2640114	137.4605	2.953499	6.563190	.1383164	.0009970

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.153353	.1616417	.8787042	5.207971	F 10.71831	.0981164
Stddev	.016282	.0157988	.0054940	.045141	.01607	.0017937
%RSD	1.411735	9.773965	.6252348	.8667730	.1498989	1.828099
#1	1.159144	.1698905	.8849906	5.251636	10.70969	.1000540
#2	1.134967	.1434258	.8748234	5.210791	10.70839	.0977811
#3	1.165948	.1716087	.8762985	5.161486	10.73684	.0965140

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-02 Acquired: 12/29/2024 4:57:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK56 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156102	6.820837	7.076286	.0654933	1.661463	.2536752
Stddev	.0005151	.008384	.026583	.0002979	.015396	.0006655
%RSD	3.299572	.1229199	.3756689	.4547864	.9266491	.2623563
#1	.0161981	6.818074	7.057967	.0656533	1.663804	.2529199
#2	.0152383	6.830254	7.106776	.0656769	1.645031	.2541757
#3	.0153942	6.814183	7.064115	.0651497	1.675555	.2539299

Elem	Li6707
Units	ppm
Avg	.0403608
Stddev	.0032395
%RSD	8.026437
#1	.0409035
#2	.0368842
#3	.0432948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.583	29478.00	2169.550	1494.649	1895.190
Stddev	12.024	140.91	6.603	12.194	7.066
%RSD	.5159080	.4780242	.3043502	.8158169	.3728346
#1	2343.769	29322.37	2164.614	1480.579	1903.071
#2	2327.750	29596.93	2166.985	1501.224	1893.077
#3	2320.228	29514.70	2177.051	1502.143	1889.421

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-03 Acquired: 12/29/2024 5:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1170559	-.037778	5.413705	.0581468	.0113717	73.30417
Stddev	.0043561	.003853	.009369	.0038379	.0010079	.30592
%RSD	3.721342	10.19812	.1730611	6.600422	8.863453	.4173237
#1	.1220718	-.033952	5.417337	.0537328	.0103789	72.97683
#2	.1148726	-.041657	5.403064	.0606963	.0113421	73.58281
#3	.1142232	-.037726	5.420714	.0600113	.0123941	73.35289

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.042836	.0124499	.0058805	69.62234	.1443344	.0847534
Stddev	.007751	.0002310	.0001315	.23939	.0020041	.0002115
%RSD	.3794076	1.855362	2.236073	.3438383	1.388507	.2495537
#1	2.035819	.0122595	.0060310	69.39506	.1450676	.0848612
#2	2.051155	.0123832	.0058229	69.87223	.1420670	.0845098
#3	2.041533	.0127068	.0057877	69.59972	.1458687	.0848894

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4430799	119.6022	5.032908	9.850656	.1962281	.0007224
Stddev	.0090581	.5675	.009903	.180829	.0011467	.0002073
%RSD	2.044340	.4744564	.1967592	1.835701	.5843663	28.68779
#1	.4489870	119.0746	5.022799	9.661555	.1974997	.0009499
#2	.4326512	120.2025	5.042591	9.868529	.1959118	.0005443
#3	.4476015	119.5295	5.033334	10.02188	.1952728	.0006731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.820482	.2252634	2.490431	11.70138	F 22.92082	.1100280
Stddev	.011938	.0079969	.003702	.11578	.06637	.0017893
%RSD	.4232569	3.550019	.1486509	.9894156	.2895532	1.626220
#1	2.811448	.2226985	2.492647	11.59119	22.99540	.1111087
#2	2.815983	.2188637	2.486158	11.82203	22.86826	.1079626
#3	2.834016	.2342281	2.492490	11.69091	22.89881	.1110127

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-03 Acquired: 12/29/2024 5:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK57 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162913	3.197374	9.328454	.1243163	1.397132	.7462087
Stddev	.0011092	.006037	.015961	.0032164	.001849	.0040554
%RSD	6.808461	.1888144	.1711017	2.587238	.1323689	.5434733
#1	.0169701	3.201042	9.342547	.1277022	1.396659	.7415436
#2	.0168924	3.190407	9.331693	.1213017	1.395566	.7481884
#3	.0150113	3.200675	9.311122	.1239450	1.399172	.7488940

Elem	Li6707
Units	ppm
Avg	.0965796
Stddev	.0037489
%RSD	3.881688
#1	.0923151
#2	.0993561
#3	.0980677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.926	30181.33	2261.393	1528.879	1861.098
Stddev	5.702	63.31	9.721	6.744	3.529
%RSD	.2375759	.2097815	.4298630	.4411287	.1896227
#1	2400.162	30118.32	2266.499	1528.058	1858.718
#2	2394.110	30180.74	2250.183	1522.582	1859.423
#3	2405.506	30244.95	2267.497	1535.996	1865.152

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV035 Acquired: 12/29/2024 5:05:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	5.056951	4.828862	24.69422	5.103009	4.993810	407.1872	10.06755
Stddev	.018447	.019821	.02868	.010365	.009683	12.8825	.31862
%RSD	.3647931	.4104630	.1161276	.2031160	.1939091	3.163775	3.164812
#1	5.061545	4.850931	24.66111	5.092245	4.982629	392.3517	9.70123
#2	5.036641	4.823080	24.71139	5.103857	4.999382	415.5483	10.28035
#3	5.072667	4.812575	24.71016	5.112923	4.999421	413.6617	10.22106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133500	2.486667	403.1379	15.57269	2.409872	14.85081	408.7950
Stddev	.0150065	.001914	12.3080	.05954	.004832	.40200	13.0313
%RSD	2.923251	.0769609	3.053044	.3823658	.2005094	2.706938	3.187734
#1	.4960263	2.484460	388.9290	15.53322	2.415446	14.38682	393.7663
#2	.5216771	2.487868	410.4991	15.64118	2.407279	15.09475	416.9571
#3	.5223467	2.487673	409.9857	15.54367	2.406889	15.07086	415.6615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72101	403.4109	2.508948	1.289991	424.0965	2.490280	15.21644
Stddev	.46947	12.0758	.005046	.006012	15.0405	.081834	.01728
%RSD	3.189128	2.993424	.2011212	.4660569	3.546479	3.286148	.1135605
#1	14.18087	389.5333	2.503288	1.283712	406.7293	2.396569	15.20385
#2	15.03098	411.5260	2.510580	1.295695	432.7859	2.547649	15.20933
#3	14.95118	409.1734	2.512976	1.290566	432.7744	2.526622	15.23614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0092	5.005879	4.967473	5.017898	5.055999	4.847656	5.026952
Stddev	4.6260	.017359	.155170	.009168	.019859	.151004	.007734
%RSD	3.043249	.3467746	3.123721	.1826986	.3927848	3.114993	.1538411
#1	146.6693	4.987049	4.788441	5.013551	5.035960	4.674966	5.018196
#2	154.5610	5.009341	5.050804	5.028431	5.056365	4.913121	5.029813
#3	154.7974	5.021246	5.063174	5.011713	5.075673	4.954880	5.032847

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: CCV035 Acquired: 12/29/2024 5:05:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	4.993908	4.673709	5.153885
Stddev	.159098	.140527	.160901
%RSD	3.185838	3.006752	3.121934
#1	4.812934	4.511443	4.970110
#2	5.111752	4.755082	5.269414
#3	5.057039	4.754602	5.222133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.249	23294.88	1902.220	1127.113	1533.096
Stddev	8.304	221.84	56.136	6.329	4.899
%RSD	.4609978	.9522972	2.951073	.5615662	.3195801
#1	1804.522	23288.49	1966.198	1124.300	1535.587
#2	1791.808	23076.31	1861.214	1122.678	1527.451
#3	1807.418	23519.84	1879.247	1134.362	1536.249

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB035 Acquired: 12/29/2024 5:09:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	.0021408	.0036185	-.000328	.0012870	-.032376	-.000661
Stddev	.002662	.0028440	.0012644	.001206	.0033195	.013417	.002654
%RSD	1368.860	132.8488	34.94258	367.5297	257.9299	41.44013	401.7544
#1	-.002690	-.000179	.0023379	-.001090	-.000616	-.019617	.002400
#2	.002608	.001288	.0048660	.001062	.005120	-.031146	-.002324
#3	-.000501	.005314	.0036517	-.000956	-.000643	-.046366	-.002057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000035	.0000600	-.016627	.0012289	.0006355	-.007345	.0121232
Stddev	.0001575	.0001947	.029098	.0002744	.0003421	.004080	.0286398
%RSD	4501.329	324.6856	175.0016	22.33143	53.82727	55.54848	236.2391
#1	.0001769	.0002842	-.049258	.0009674	.0010162	-.006335	.0214939
#2	-.000036	-.000038	.006622	.0012048	.0005364	-.011835	.0349039
#3	-.000131	-.000066	-.007245	.0015147	.0003539	-.003865	-.020028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000671	-.043895	.0001036	-.000107	.0410313	-.010813	.0021656
Stddev	.001266	.130282	.0003883	.000881	.0334081	.010498	.0004018
%RSD	188.7648	296.8050	374.8032	822.1767	81.42087	97.08669	18.55372
#1	-.000474	-.082569	-.000264	-.000956	.0279031	-.006247	.0025521
#2	-.002023	-.150461	.000066	.000802	.0161815	-.022820	.0017501
#3	.000485	.101345	.000510	-.000168	.0790094	-.003371	.0021944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1909806	.0003166	.0092393	.0003305	.0100498	.0004734	.0001158
Stddev	.0410113	.0001885	.0016893	.0003196	.0017944	.0019929	.0007499
%RSD	21.47404	59.54476	18.28347	96.71301	17.85481	420.9915	647.4018
#1	.1959581	.0001586	.0111069	-.000017	.0120887	.0010686	.0009175
#2	.2292760	.0002660	.0087931	.000612	.0087109	.0021008	-.000001
#3	.1477078	.0005253	.0078180	.000396	.0093498	-.001749	-.000569

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB035 Acquired: 12/29/2024 5:09:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0024778	.0000257	.0139934
Stddev	.0031536	.0003609	.0027727
%RSD	127.2715	1402.266	19.81428
#1	.0014507	-.000222	.0171879
#2	.0060169	-.000140	.0122111
#3	-.000034	.000440	.0125813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.918	25929.85	1941.774	1310.178	1847.171
Stddev	7.408	186.96	8.078	8.815	4.096
%RSD	.3647575	.7210241	.4159982	.6728421	.2217419
#1	2028.683	25721.29	1940.598	1300.070	1846.282
#2	2039.186	26082.43	1950.375	1314.195	1851.638
#3	2024.885	25985.82	1934.348	1316.270	1843.593

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-04 Acquired: 12/29/2024 5:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572303	-.019180	6.265091	.0661949	.0032191	63.45867
Stddev	.0032365	.000912	.018779	.0056065	.0020726	.19306
%RSD	2.058460	4.756089	.2997341	8.469651	64.38537	.3042275
#1	.1558006	-.018177	6.261545	.0626975	.0054481	63.32468
#2	.1549548	-.019404	6.248338	.0726615	.0013502	63.37137
#3	.1609354	-.019960	6.285390	.0632257	.0028588	63.67996

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.450185	.0107263	.0080924	166.7085	.1016622	.0843734
Stddev	.003398	.0002624	.0001868	.8352	.0014615	.0003609
%RSD	.2342894	2.446589	2.308338	.5009972	1.437628	.4276818
#1	1.451494	.0104717	.0080732	165.9584	.1032070	.0847636
#2	1.446328	.0107112	.0079159	166.5587	.1014781	.0840517
#3	1.452734	.0109959	.0082880	167.6085	.1003014	.0843050

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3178374	134.1838	12.53337	27.42689	.1618071	.0018547
Stddev	.0067352	.5112	.04932	.22787	.0007254	.0011198
%RSD	2.119079	.3809407	.3934772	.8308154	.4483397	60.37522
#1	.3229860	133.8321	12.53671	27.43842	.1610428	.0016799
#2	.3203110	133.9492	12.48247	27.19348	.1618922	.0030517
#3	.3102151	134.7702	12.58093	27.64878	.1624862	.0008326

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113173	.2335577	2.816606	7.250864	F 15.52829	.0888808
Stddev	.008076	.0090464	.006525	.209203	.06002	.0019043
%RSD	.7255192	3.873290	.2316775	2.885217	.3865461	2.142519
#1	1.119078	.2439927	2.822074	7.424288	15.53029	.0869765
#2	1.103969	.2279281	2.818361	7.018519	15.46730	.0888808
#3	1.116471	.2287523	2.809382	7.309785	15.58730	.0907851

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-04 Acquired: 12/29/2024 5:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK58 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186413	1.981848	11.27908	.1209999	.6544848	.4274745
Stddev	.0002129	.019442	.06997	.0022608	.0026438	.0027994
%RSD	1.142137	.9810120	.6203123	1.868458	.4039487	.6548771
#1	.0186267	1.959660	11.32568	.1206890	.6549913	.4246160
#2	.0184360	1.989980	11.19862	.1189106	.6568387	.4275964
#3	.0188611	1.995904	11.31293	.1234001	.6516244	.4302109

Elem	Li6707
Units	ppm
Avg	.1087855
Stddev	.0027899
%RSD	2.564567
#1	.1091016
#2	.1114039
#3	.1058510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.606	32126.76	2475.724	1625.590	1853.057
Stddev	3.717	168.81	22.310	3.984	2.463
%RSD	.1457954	.5254636	.9011515	.2450969	.1329297
#1	2546.640	32315.43	2477.485	1629.188	1853.269
#2	2548.402	32074.85	2497.102	1626.273	1855.408
#3	2553.776	31989.99	2452.586	1621.308	1850.495

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-05 Acquired: 12/29/2024 5:17:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1638386	-.024153	1.512361	.0943485	.0184473	45.76731
Stddev	.0064817	.001564	.004187	.0042732	.0035732	.75356
%RSD	3.956179	6.473418	.2768632	4.529152	19.36958	1.646502
#1	.1675133	-.022807	1.508210	.0899591	.0186463	44.89745
#2	.1563545	-.025868	1.512289	.0984952	.0219168	46.22138
#3	.1676480	-.023786	1.516583	.0945912	.0147788	46.18308

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8001774	.0120027	.0076282	F 884.1817	.0747941	.0672236
Stddev	.0125139	.0002734	.0002290	14.3850	.0002708	.0012240
%RSD	1.563891	2.277664	3.002051	1.626926	.3620189	1.820849
#1	.7857278	.0117005	.0078051	867.5802	.0751059	.0683539
#2	.8073322	.0120749	.0077101	892.9536	.0746584	.0659235
#3	.8074722	.0122328	.0073696	892.0112	.0746181	.0673933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2336591	213.5416	20.44726	203.0806	.1624312	.0019806
Stddev	.0048273	3.5949	.31974	3.1917	.0006156	.0009881
%RSD	2.065953	1.683457	1.563711	1.571654	.3789673	49.89161
#1	.2350536	209.3907	20.07822	199.4140	.1618646	.0012741
#2	.2376356	215.5888	20.62258	204.5912	.1630862	.0015579
#3	.2282880	215.6453	20.64100	205.2366	.1623428	.0031097

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9590301	.1824983	1.374430	7.007059	F 12.74690	.1157691
Stddev	.0084264	.0069335	.004934	.237987	.03414	.0003181
%RSD	.8786327	3.799231	.3589615	3.396396	.2678550	.2747261
#1	.9498321	.1745463	1.376676	6.745114	12.72099	.1154908
#2	.9663769	.1856697	1.368773	7.066084	12.73412	.1157007
#3	.9608812	.1872790	1.377841	7.209979	12.78559	.1161158

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-05 Acquired: 12/29/2024 5:17:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK59 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156842	1.851003	10.22808	.0879497	.4368058	.4988144
Stddev	.0008768	.002817	.14672	.0019589	.0089617	.0082195
%RSD	5.590529	.1521765	1.434521	2.227257	2.051636	1.647813
#1	.0154338	1.850600	10.06633	.0890322	.4265526	.4893931
#2	.0149599	1.854000	10.26528	.0891284	.4407215	.5045199
#3	.0166590	1.848410	10.35262	.0856885	.4431432	.5025303

Elem	Li6707
Units	ppm
Avg	.0864391
Stddev	.0023110
%RSD	2.673546
#1	.0838084
#2	.0873666
#3	.0881423

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.950	29820.48	2411.441	1499.586	1594.595
Stddev	5.382	70.95	35.763	2.223	3.380
%RSD	.2281592	.2379278	1.483067	.1482201	.2119439
#1	2364.136	29900.37	2450.873	1500.598	1597.127
#2	2359.321	29764.82	2402.345	1501.121	1595.901
#3	2353.391	29796.24	2381.103	1497.037	1590.758

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-06 Acquired: 12/29/2024 5:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915716	-.010986	.2832068	.1148974	.0173646	32.13985
Stddev	.0029074	.003032	.0028852	.0025624	.0034212	.10699
%RSD	3.174990	27.60208	1.018756	2.230186	19.70206	.3328812
#1	.0942988	-.012609	.2854917	.1169426	.0162253	32.24645
#2	.0919036	-.012862	.2799647	.1157266	.0212101	32.14063
#3	.0885125	-.007488	.2841641	.1120231	.0146585	32.03248

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6830659	.0116551	.0063961	F 1280.607	.0584384	.0596534
Stddev	.0019971	.0000803	.0001797	17.145	.0013118	.0004290
%RSD	.2923776	.6888433	2.809390	1.338823	2.244689	.7190947
#1	.6853652	.0116985	.0062694	1299.837	.0569243	.0597257
#2	.6817630	.0117043	.0066017	1266.918	.0591595	.0591928
#3	.6820695	.0115624	.0063171	1275.065	.0592314	.0600416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1408047	240.2684	F 35.74600	451.5832	.1413762	.0037222
Stddev	.0028689	1.0899	.13212	1.5789	.0008920	.0007976
%RSD	2.037536	.4536305	.3696201	.3496271	.6309227	21.42909
#1	.1384378	241.4311	35.89820	453.2904	.1413694	.0036192
#2	.1399807	240.1040	35.66083	451.2836	.1404876	.0029811
#3	.1439954	239.2700	35.67896	450.1756	.1422715	.0045664

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.010627	.1292359	.3094582	6.479365	F 10.30781	.1397762
Stddev	.053254	.0045883	.0003535	.106910	.00933	.0015941
%RSD	5.269368	3.550352	.1142445	1.650009	.0904771	1.140450
#1	1.053225	.1299803	.3092977	6.598712	10.29829	.1406093
#2	1.027734	.1334066	.3098635	6.447022	10.30821	.1379382
#3	.950923	.1243209	.3092134	6.392361	10.31693	.1407811

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-06 Acquired: 12/29/2024 5:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK60 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124640	2.024179	7.578079	.0404311	.1452891	.5972928
Stddev	.0007770	.020259	.076959	.0018807	.0029389	.0027590
%RSD	6.233721	1.000839	1.015552	4.651503	2.022779	.4619158
#1	.0115668	2.043852	7.634587	.0424390	.1469831	.6001720
#2	.0129159	2.025305	7.609221	.0401434	.1418956	.5946722
#3	.0129093	2.003381	7.490429	.0387109	.1469886	.5970342

Elem	Li6707
Units	ppm
Avg	.0620298
Stddev	.0037694
%RSD	6.076730
#1	.0658606
#2	.0583250
#3	.0619038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.372	29879.00	2455.433	1495.673	1517.876
Stddev	9.108	144.31	15.623	4.947	4.983
%RSD	.3878225	.4829929	.6362813	.3307610	.3282775
#1	2356.026	30045.08	2447.707	1500.150	1521.734
#2	2338.300	29807.81	2445.177	1496.506	1512.250
#3	2350.792	29784.12	2473.414	1490.362	1519.644

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-07 Acquired: 12/29/2024 5:24:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561294	-.004241	.2888609	.0351825	-.003683	50.48175
Stddev	.0037445	.007384	.0041454	.0034701	.000817	.10900
%RSD	6.671243	174.1083	1.435071	9.863262	22.18304	.2159254
#1	.0526111	-.005407	.2897051	.0314787	-.004590	50.39015
#2	.0600651	.003656	.2925192	.0357102	-.003004	50.45279
#3	.0557119	-.010972	.2843584	.0383585	-.003455	50.60231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2911388	.0087156	.0041255	F 836.4036	.0709979	.0787440
Stddev	.0003877	.0000705	.0001609	2.0632	.0003740	.0004463
%RSD	.1331580	.8084076	3.901189	.2466692	.5267139	.5667911
#1	.2915156	.0087692	.0040494	834.5244	.0710724	.0783429
#2	.2907411	.0086358	.0040167	836.0751	.0713290	.0792248
#3	.2911597	.0087419	.0043103	838.6113	.0705923	.0786642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524907	133.6679	9.381941	141.8542	.1467043	.0000256
Stddev	.0003468	.4555	.014389	.2909	.0012968	.0007413
%RSD	.1373325	.3407455	.1533713	.2050451	.8839665	2894.422
#1	.2522106	133.1423	9.365794	141.7296	.1481912	.0008111
#2	.2528785	133.9140	9.393405	141.6465	.1458070	-.000662
#3	.2523830	133.9474	9.386624	142.1867	.1461148	-.000073

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007085	.0961067	.4403763	8.568378	F 10.65091	.0937422
Stddev	.034806	.0096670	.0021097	.112395	.00801	.0011806
%RSD	3.456155	10.05858	.4790775	1.311741	.0751581	1.259430
#1	.996496	.0871421	.4405419	8.441632	10.65715	.0923793
#2	.978802	.0948290	.4381887	8.607582	10.65371	.0944004
#3	1.045956	.1063490	.4423984	8.655920	10.64189	.0944471

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-07 Acquired: 12/29/2024 5:24:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028357	1.351829	9.833291	.0260086	.4503707	.6284078
Stddev	.0007529	.006871	.076473	.0026560	.0035477	.0024503
%RSD	26.55130	.5082573	.7776960	10.21190	.7877370	.3899211
#1	.0035351	1.358529	9.753196	.0270333	.4469284	.6263037
#2	.0029332	1.352160	9.841138	.0229929	.4540152	.6278217
#3	.0020388	1.344799	9.905538	.0279996	.4501686	.6310980

Elem	Li6707
Units	ppm
Avg	.0996048
Stddev	.0023199
%RSD	2.329051
#1	.0998426
#2	.1017967
#3	.0971753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.726	29747.23	2363.390	1498.670	1615.259
Stddev	9.102	66.32	16.508	1.148	4.329
%RSD	.3873641	.2229307	.6985036	.0765802	.2680189
#1	2341.801	29670.68	2379.995	1497.506	1611.371
#2	2347.710	29787.28	2363.195	1499.800	1614.482
#3	2359.667	29783.72	2346.980	1498.703	1619.924

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-08 Acquired: 12/29/2024 5:28:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1772098	-.045127	1.574243	.0784852	.0203878	67.71674
Stddev	.0076769	.000612	.004154	.0020144	.0031375	.02784
%RSD	4.332113	1.355244	.2638795	2.566600	15.38902	.0411137
#1	.1857953	-.045452	1.573599	.0805366	.0169396	67.74889
#2	.1748282	-.044421	1.578682	.0765100	.0230743	67.70064
#3	.1710059	-.045507	1.570449	.0784090	.0211496	67.70069

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248714	.0114954	.0072026	89.57283	.2345846	.0427162
Stddev	.002347	.0001026	.0002287	.20775	.0021903	.0007781
%RSD	.1879136	.8928339	3.174554	.2319319	.9336756	1.821464
#1	1.251423	.0115808	.0069607	89.77917	.2368318	.0419735
#2	1.247409	.0115240	.0074151	89.36370	.2344658	.0435254
#3	1.247310	.0113815	.0072321	89.57563	.2324561	.0426496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3174107	160.3848	7.932107	27.97843	.1942259	.0031282
Stddev	.0035020	.2650	.014604	.15244	.0008507	.0006152
%RSD	1.103305	.1652180	.1841183	.5448617	.4379708	19.66553
#1	.3197968	160.5573	7.947157	28.15156	.1950366	.0027788
#2	.3190450	160.0797	7.917993	27.91939	.1933403	.0027673
#3	.3133903	160.5173	7.931171	27.86433	.1943007	.0038385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4319991	.1636533	1.314830	9.112603	F 14.30906	.0971369
Stddev	.0036430	.0042577	.001457	.171340	.02119	.0009781
%RSD	.8432800	2.601648	.1108503	1.880254	.1480831	1.006917
#1	.4334454	.1626780	1.316109	8.914823	14.31005	.0977227
#2	.4278551	.1683139	1.313243	9.215933	14.32973	.0976803
#3	.4346968	.1599678	1.315139	9.207053	14.28739	.0960078

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-08 Acquired: 12/29/2024 5:28:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK62 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076419	4.772336	12.51260	.0906683	.8347487	.0399040
Stddev	.0005826	.012371	.05099	.0021577	.0040581	.0001361
%RSD	7.623845	.2592175	.4074819	2.379736	.4861415	.3409529
#1	.0069695	4.778330	12.56979	.0900939	.8326292	.0400086
#2	.0079597	4.780569	12.49609	.0930550	.8321893	.0397502
#3	.0079964	4.758111	12.47190	.0888559	.8394276	.0399531

Elem	Li6707
Units	ppm
Avg	.0947720
Stddev	.0024720
%RSD	2.608409
#1	.0931982
#2	.0934966
#3	.0976213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.426	31984.60	2424.687	1616.829	1898.902
Stddev	5.565	126.40	10.481	4.946	3.381
%RSD	.2189766	.3951905	.4322721	.3059105	.1780574
#1	2547.746	31872.65	2412.650	1614.864	1902.249
#2	2537.262	31959.48	2429.617	1613.167	1895.488
#3	2539.268	32121.68	2431.795	1622.455	1898.970

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-09 Acquired: 12/29/2024 5:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3052274	-.056846	6.856441	.0942552	.0220678	76.10383
Stddev	.0021500	.003306	.010554	.0040500	.0009298	.35140
%RSD	.7043820	5.816597	.1539270	4.296798	4.213541	.4617342
#1	.3065736	-.060591	6.868625	.0950557	.0210081	75.78940
#2	.3063607	-.055613	6.850538	.0978451	.0224481	76.48315
#3	.3027478	-.054332	6.850158	.0898647	.0227472	76.03894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.315850	.0128808	.0092017	72.30760	.2603826	.0452362
Stddev	.006378	.0002485	.0001512	.26017	.0017580	.0009039
%RSD	.4847133	1.929209	1.642784	.3598153	.6751729	1.998109
#1	1.310570	.0129536	.0090973	72.06505	.2596406	.0462706
#2	1.322937	.0130847	.0093750	72.58239	.2623900	.0445985
#3	1.314044	.0126040	.0091327	72.27535	.2591172	.0448394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502160	179.1011	9.097995	29.53532	.2106955	.0025750
Stddev	.0052331	.7122	.019221	.04411	.0001163	.0010905
%RSD	1.494250	.3976566	.2112717	.1493359	.0552114	42.35058
#1	.3486046	178.6290	9.086189	29.48669	.2105936	.0013615
#2	.3560652	179.9203	9.120175	29.57273	.2106707	.0034730
#3	.3459780	178.7540	9.087621	29.54653	.2108222	.0028905

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4574329	.1768267	1.595150	8.926862	F 14.29517	.1016239
Stddev	.0202018	.0088453	.002381	.032366	.04111	.0031236
%RSD	4.416334	5.002218	.1492434	.3625722	.2875851	3.073652
#1	.4804210	.1777004	1.597672	8.904241	14.30884	.0998556
#2	.4425079	.1852027	1.594835	8.963937	14.32770	.1052305
#3	.4493699	.1675770	1.592942	8.912409	14.24896	.0997858

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-09 Acquired: 12/29/2024 5:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077938	4.675190	10.65209	.3021114	.8746367	.0112345
Stddev	.0005710	.017025	.02070	.0004802	.0011545	.0010822
%RSD	7.325919	.3641585	.1942916	.1589500	.1319978	9.632596
#1	.0073080	4.692611	10.66774	.3023215	.8759624	.0101868
#2	.0076507	4.674366	10.62863	.3024507	.8738526	.0111686
#3	.0084227	4.658591	10.65991	.3015619	.8740951	.0123481

Elem	Li6707
Units	ppm
Avg	.1109244
Stddev	.0026309
%RSD	2.371814
#1	.1138036
#2	.1103242
#3	.1086455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.473	31239.24	2400.751	1582.843	1830.902
Stddev	2.290	67.25	8.653	8.121	6.401
%RSD	.0922415	.2152860	.3604223	.5130356	.3496219
#1	2483.150	31196.17	2390.762	1577.810	1828.852
#2	2479.921	31204.81	2405.563	1578.508	1825.776
#3	2484.348	31316.74	2405.928	1592.212	1838.077

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-10 Acquired: 12/29/2024 5:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974355	-.059533	1.700388	.0996219	.0270805	84.18696
Stddev	.0049207	.002272	.005513	.0033009	.0027521	.41702
%RSD	2.492293	3.815502	.3242068	3.313403	10.16253	.4953540
#1	.2005982	-.058314	1.697743	.1024758	.0267750	83.73252
#2	.1917662	-.062154	1.696697	.0960070	.0244940	84.27625
#3	.1999420	-.058132	1.706725	.1003830	.0299726	84.55210

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.365254	.0136776	.0094493	89.67932	.1858818	.0487252
Stddev	.004206	.0003160	.0000770	.32900	.0023113	.0004574
%RSD	.3080935	2.310506	.8145969	.3668669	1.243448	.9387305
#1	1.360625	.0134100	.0093793	89.33749	.1883477	.0489776
#2	1.366295	.0140263	.0094369	89.70668	.1855332	.0490009
#3	1.368842	.0135966	.0095317	89.99378	.1837646	.0481973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2560615	190.4497	9.787138	31.31603	.2056733	.0016976
Stddev	.0077295	1.0589	.041740	.19988	.0007796	.0004471
%RSD	3.018613	.5559855	.4264785	.6382799	.3790575	26.33472
#1	.2471876	189.3964	9.743745	31.09326	.2049976	.0018436
#2	.2613264	190.4388	9.790668	31.47970	.2054961	.0011958
#3	.2596705	191.5141	9.827000	31.37514	.2065263	.0020534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6152726	.1882092	1.334808	9.518473	F 15.02153	.1036742
Stddev	.0162791	.0113016	.014670	.141222	.06160	.0016359
%RSD	2.645837	6.004810	1.099064	1.483664	.4100459	1.577937
#1	.6326998	.2012483	1.351123	9.553334	15.00712	.1018254
#2	.6004574	.1812287	1.330601	9.363086	14.96841	.1049344
#3	.6126608	.1821507	1.322702	9.639000	15.08905	.1042627

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-10 Acquired: 12/29/2024 5:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK64 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071673	3.982809	12.18751	.0684094	.8825437	.0121415
Stddev	.0004559	.030842	.11801	.0002146	.0036209	.0006912
%RSD	6.360544	.7743814	.9683261	.3136873	.4102837	5.692531
#1	.0066767	3.965226	12.05669	.0683678	.8863707	.0128754
#2	.0072473	3.964778	12.21989	.0686418	.8791718	.0120464
#3	.0075778	4.018421	12.28596	.0682187	.8820885	.0115029

Elem	Li6707
Units	ppm
Avg	.1273966
Stddev	.0021864
%RSD	1.716207
#1	.1253916
#2	.1297277
#3	.1270705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.984	32268.43	2506.579	1640.730	1849.108
Stddev	4.871	234.74	21.070	15.665	5.986
%RSD	.1893314	.7274645	.8405707	.9547716	.3237188
#1	2568.625	32011.36	2529.833	1623.000	1848.226
#2	2578.242	32322.52	2501.147	1646.490	1855.486
#3	2572.086	32471.40	2488.758	1652.700	1843.612

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-11 Acquired: 12/29/2024 5:40:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856718	-.049534	.6231302	.0844031	.0215798	77.32833
Stddev	.0021571	.005264	.0049197	.0019377	.0013401	.11801
%RSD	2.517820	10.62622	.7895194	2.295779	6.209956	.1526095
#1	.0855312	-.045213	.6264221	.0824867	.0219993	77.19670
#2	.0835884	-.055396	.6254938	.0843613	.0226599	77.42466
#3	.0878957	-.047994	.6174747	.0863614	.0200801	77.36364

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9927546	.0123258	.0056652	125.5683	.1369518	.0406366
Stddev	.0031923	.0001423	.0000710	.1696	.0013469	.0011539
%RSD	.3215637	1.154541	1.253212	.1351002	.9834747	2.839512
#1	.9891286	.0122224	.0057147	125.3991	.1382376	.0414895
#2	.9951421	.0122668	.0055838	125.7384	.1355512	.0410967
#3	.9939929	.0124881	.0056970	125.5674	.1370665	.0393237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927203	176.7826	7.227399	34.93200	.1592000	.0004723
Stddev	.0033898	.2823	.011247	.16993	.0020886	.0003239
%RSD	3.655934	.1597086	.1556097	.4864622	1.311929	68.56529
#1	.0933037	176.4935	7.215461	34.81269	.1610516	.0008134
#2	.0957806	177.0577	7.237795	35.12656	.1596124	.0004347
#3	.0890767	176.7965	7.228942	34.85674	.1569360	.0001689

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4550182	.1595386	.5988381	7.324351	F 10.57929	.0832604
Stddev	.0137849	.0132629	.0022461	.135596	.06766	.0011576
%RSD	3.029532	8.313281	.3750750	1.851307	.6395239	1.390273
#1	.4455032	.1747105	.5989719	7.393454	10.61480	.0843975
#2	.4708266	.1537596	.5965282	7.411474	10.62180	.0820834
#3	.4487247	.1501458	.6010144	7.168124	10.50127	.0833002

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-11 Acquired: 12/29/2024 5:40:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK65 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055100	2.065211	12.53455	.0318702	.8139354	.0000836
Stddev	.0003540	.015534	.10898	.0019938	.0052253	.0002811
%RSD	6.424885	.7521852	.8694455	6.256036	.6419821	336.3877
#1	.0051465	2.074523	12.46103	.0336950	.8182593	-.000063
#2	.0058537	2.073833	12.65976	.0321735	.8081290	.000408
#3	.0055298	2.047279	12.48287	.0297421	.8154178	-.000093

Elem	Li6707
Units	ppm
Avg	.1146932
Stddev	.0005406
%RSD	.4713094
#1	.1152969
#2	.1145288
#3	.1142540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.335	31715.69	2445.539	1607.609	1830.083
Stddev	13.193	135.72	15.833	14.912	14.933
%RSD	.5253377	.4279194	.6474174	.9275658	.8159720
#1	2507.932	31576.58	2455.243	1594.447	1824.344
#2	2500.177	31847.74	2427.269	1623.804	1818.871
#3	2525.896	31722.74	2454.106	1604.574	1847.034

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-12 Acquired: 12/29/2024 5:44:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723666	-.028451	.1999403	.0620444	.0087701	68.09139	.7478586
Stddev	.0070548	.003787	.0027018	.0057364	.0039757	.26539	.0046849
%RSD	9.748750	13.31166	1.351323	9.245672	45.33279	.3897581	.6264469
#1	.0804843	-.031527	.2030248	.0598456	.0096648	67.81583	.7428604
#2	.0677182	-.029605	.1988039	.0577326	.0044233	68.34529	.7521499
#3	.0688973	-.024221	.1979924	.0685549	.0122223	68.11303	.7485657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104071	.0040366	459.6733	.1046841	.0674352	.1099543	167.4490
Stddev	.0001301	.0000467	2.2102	.0009164	.0004888	.0098897	.7110
%RSD	1.249742	1.157238	.4808162	.8753999	.7247722	8.994371	.4245969
#1	.0105249	.0040441	457.3528	.1046789	.0674868	.0986522	166.7167
#2	.0102675	.0040791	461.7536	.1037703	.0669227	.1141900	168.1366
#3	.0104290	.0039866	459.9133	.1056031	.0678961	.1170206	167.4937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.540550	98.94037	.2133531	-.000726	.9333871	.1439055	.3814760
Stddev	.048132	.03148	.0003653	.000139	.0097480	.0029638	.0009594
%RSD	.5044946	.0318211	.1712345	19.16038	1.044371	2.059571	.2514855
#1	9.487640	98.97600	.2137746	-.000699	.9326486	.1471842	.3810279
#2	9.581736	98.91629	.2131581	-.000877	.9240293	.1431158	.3808227
#3	9.552274	98.92882	.2131266	-.000603	.9434833	.1414165	.3825774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.924004	8.083461	.0789607	.0049416	.9564219	11.72789	.0297579
Stddev	.097048	.004079	.0029306	.0002573	.0110116	.00216	.0007003
%RSD	1.401617	.0504605	3.711491	5.207241	1.151330	.0184486	2.353459
#1	6.866937	8.080775	.0804093	.0048785	.9684978	11.72605	.0290264
#2	7.036059	8.088155	.0808849	.0052246	.9538310	11.72734	.0298251
#3	6.869017	8.081454	.0755879	.0047217	.9469367	11.73027	.0304223

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-12 Acquired: 12/29/2024 5:44:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.143806	.4215205	.1161305
Stddev	.009079	.0019112	.0000846
%RSD	.7937555	.4534110	.0728253
#1	1.133334	.4193293	.1161986
#2	1.148608	.4223885	.1160358
#3	1.149475	.4228437	.1161570

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.626	29879.37	2331.677	1507.024	1705.183
Stddev	1.329	38.80	5.807	4.350	1.304
%RSD	.0563254	.1298573	.2490695	.2886352	.0764589
#1	2358.233	29922.38	2337.302	1508.438	1706.522
#2	2359.764	29868.73	2325.702	1510.491	1705.108
#3	2360.880	29846.99	2332.028	1502.144	1703.918

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-13 Acquired: 12/29/2024 5:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758754	-.038102	.1381964	.0697540	.0157117	77.17285	1.024140
Stddev	.0078573	.001985	.0026033	.0032259	.0046717	.24753	.003895
%RSD	10.35553	5.208826	1.883774	4.624672	29.73372	.3207457	.3803045
#1	.0726135	-.035998	.1400546	.0691431	.0205726	77.28798	1.023102
#2	.0701745	-.038367	.1393136	.0668772	.0112557	76.88873	1.020870
#3	.0848383	-.039941	.1352209	.0732417	.0153067	77.34185	1.028449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111828	.0046105	503.1181	.1248808	.0839933	.1328812	186.2644
Stddev	.0001020	.0000983	1.4539	.0003841	.0009369	.0005133	.3033
%RSD	.9124745	2.132665	.2889828	.3075722	1.115434	.3862836	.1628595
#1	.0110703	.0046794	504.2533	.1248793	.0838147	.1327772	186.3860
#2	.0112694	.0046541	501.4793	.1244974	.0831585	.1334386	185.9192
#3	.0112087	.0044979	503.6216	.1252656	.0850066	.1324279	186.4882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11203	124.6678	.2566424	.0000734	1.078084	.1831331	.3951026
Stddev	.01795	.4178	.0011576	.0000753	.018646	.0071546	.0023392
%RSD	.1615813	.3351312	.4510704	102.4898	1.729561	3.906781	.5920448
#1	11.11280	124.7951	.2578600	.0000481	1.081235	.1910289	.3929970
#2	11.09370	124.2011	.2555559	.0000141	1.094953	.1812900	.3976205
#3	11.12959	125.0071	.2565113	.0001581	1.058063	.1770803	.3946902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.653554	8.877844	.0922579	.0029555	.8017764	11.61924	.0242087
Stddev	.115304	.000894	.0014318	.0001968	.0020927	.05300	.0025895
%RSD	1.332445	.0100669	1.551909	6.660444	.2610066	.4561460	10.69676
#1	8.637716	8.878757	.0935085	.0027438	.8007720	11.62641	.0271789
#2	8.775958	8.876971	.0906961	.0029896	.8041819	11.56302	.0230221
#3	8.546988	8.877802	.0925692	.0031330	.8003752	11.66829	.0224250

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-13 Acquired: 12/29/2024 5:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.382270	.4564149	.1402852
Stddev	.011329	.0011561	.0024003
%RSD	.8195801	.2533050	1.711002
#1	1.382961	.4577497	.1377988
#2	1.370612	.4557689	.1425890
#3	1.393238	.4557262	.1404677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.412	30121.45	2386.537	1514.983	1673.890
Stddev	7.562	64.81	10.795	9.077	5.172
%RSD	.3175371	.2151615	.4523426	.5991477	.3089998
#1	2374.712	30156.37	2383.411	1517.992	1668.588
#2	2379.912	30046.67	2398.550	1504.784	1674.161
#3	2389.611	30161.31	2377.650	1522.173	1678.921

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-14 Acquired: 12/29/2024 5:51:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846135	-.034858	.1052100	.0683544	.0112135	60.36573	.7280546
Stddev	.0014541	.006630	.0014910	.0059055	.0037125	.21235	.0016614
%RSD	1.718514	19.01988	1.417167	8.639543	33.10765	.3517761	.2281957
#1	.0862727	-.038335	.1056215	.0615611	.0090034	60.59096	.7297819
#2	.0835613	-.039025	.1035565	.0712378	.0091374	60.33706	.7264681
#3	.0840063	-.027213	.1064521	.0722644	.0154997	60.16917	.7279136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104786	.0036321	614.6531	.0892018	.0796392	.1478544	182.2014
Stddev	.0001279	.0001739	.8720	.0012255	.0005072	.0028846	.4397
%RSD	1.220858	4.787905	.1418744	1.373872	.6368781	1.950967	.2413050
#1	.0105948	.0037949	615.6598	.0880468	.0792480	.1482764	182.6611
#2	.0103415	.0036526	614.1676	.0904874	.0802122	.1505048	182.1583
#3	.0104995	.0034489	614.1318	.0890713	.0794572	.1447821	181.7849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.692801	134.4452	.1975698	.0014348	1.037561	.1371700	.3541114
Stddev	.028780	.2465	.0006550	.0004261	.041676	.0034015	.0022274
%RSD	.3741205	.1833290	.3315185	29.69585	4.016754	2.479801	.6290205
#1	7.723682	134.6553	.1976698	.0012794	1.085165	.1399730	.3558903
#2	7.666726	134.5063	.1981691	.0011083	1.007655	.1381514	.3516132
#3	7.687995	134.1739	.1968706	.0019168	1.019861	.1333857	.3548306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.641863	6.945605	.0768786	.0035840	.7054940	11.01995	.0226720
Stddev	.150133	.009255	.0011097	.0004455	.0092950	.17242	.0024640
%RSD	2.260403	.1332451	1.443447	12.42944	1.317512	1.564577	10.86811
#1	6.546556	6.937762	.0769320	.0032308	.6976304	11.21637	.0254885
#2	6.814925	6.955813	.0779606	.0034369	.7157518	10.89359	.0209143
#3	6.564108	6.943240	.0757431	.0040845	.7030997	10.94990	.0216133

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-14 Acquired: 12/29/2024 5:51:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.016719	.4994746	.1153063
Stddev	.004315	.0027313	.0057200
%RSD	.4243599	.5468389	4.960715
#1	1.017333	.4972022	.1198275
#2	1.012131	.4987167	.1088759
#3	1.020694	.5025048	.1172156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.325	29265.47	2311.527	1473.202	1674.446
Stddev	8.028	149.58	22.053	1.106	5.278
%RSD	.3479399	.5111116	.9540267	.0750633	.3151929
#1	2305.953	29414.37	2286.596	1473.964	1675.960
#2	2315.950	29115.22	2328.481	1471.934	1678.802
#3	2300.071	29266.80	2319.504	1473.709	1668.577

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-15 Acquired: 12/29/2024 5:55:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1333971	-.112324	1.049527	.1393848	.0471621	30.18983	.9996031
Stddev	.0047363	.004670	.001609	.0037730	.0024975	.14551	.0045574
%RSD	3.550525	4.157487	.1533048	2.706894	5.295669	.4819850	.4559244
#1	.1350647	-.115499	1.050365	.1366468	.0480760	30.22300	1.001656
#2	.1370742	-.114511	1.050544	.1436886	.0490740	30.31590	1.002773
#3	.1280526	-.106962	1.047672	.1378190	.0443363	30.03060	.994380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169341	.0040573	31.87358	.0744970	-.019181	.4598296	240.1972
Stddev	.0001912	.0000923	.16487	.0003533	.000952	.0049489	1.2795
%RSD	1.129162	2.274534	.5172594	.4742976	4.965889	1.076249	.5327078
#1	.0171534	.0039639	31.85066	.0745243	-.019132	.4543409	240.3024
#2	.0168466	.0040597	32.04870	.0741308	-.020157	.4639514	241.4209
#3	.0168023	.0041484	31.72136	.0748359	-.018254	.4611965	238.8683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008950	8.350942	.1542603	.0006959	.5178076	.1579456	.8638084
Stddev	.013590	.125635	.0008047	.0007228	.0160958	.0065776	.0017016
%RSD	.6764954	1.504441	.5216273	103.8570	3.108457	4.164496	.1969899
#1	2.004570	8.234570	.1536501	.0008209	.5326901	.1654747	.8656623
#2	2.024190	8.484143	.1551723	.0013480	.5007248	.1550476	.8623177
#3	1.998089	8.334112	.1539586	-.000081	.5200077	.1533147	.8634451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870741	7.298003	.1030771	.0167174	9.711495	5.925696	.0726667
Stddev	.104881	.013049	.0043147	.0005324	.018517	.070427	.0020796
%RSD	2.153294	.1788038	4.185929	3.184677	.1906681	1.188498	2.861799
#1	4.775371	7.293836	.0989891	.0168151	9.690141	5.976035	.0702895
#2	4.983067	7.312626	.1075875	.0171942	9.723093	5.955839	.0735617
#3	4.853784	7.287546	.1026545	.0161429	9.721253	5.845215	.0741490

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-15 Acquired: 12/29/2024 5:55:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.771090	-.022286	.0288864
Stddev	.016219	.000230	.0034522
%RSD	.9157388	1.031081	11.95078
#1	1.769775	-.022026	.0251851
#2	1.787926	-.022372	.0320187
#3	1.755568	-.022460	.0294553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.394	29275.74	2200.502	1490.549	1928.086
Stddev	2.158	153.81	14.886	7.601	1.548
%RSD	.0931872	.5253864	.6764681	.5099358	.0803105
#1	2313.822	29333.88	2190.292	1494.886	1926.890
#2	2314.506	29392.00	2193.631	1494.988	1927.532
#3	2317.854	29101.33	2217.582	1481.772	1929.835

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-16 Acquired: 12/29/2024 5:59:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1336820	-.142851	1.050578	.1771324	.0601715	31.97975	1.208111
Stddev	.0043144	.000741	.003130	.0012779	.0011020	.08823	.000857
%RSD	3.227384	.5186113	.2978927	.7214495	1.831392	.2758890	.0709097
#1	.1386597	-.142260	1.050898	.1756591	.0589109	31.99003	1.208998
#2	.1313695	-.142609	1.053536	.1777976	.0606515	31.88684	1.207289
#3	.1310169	-.143682	1.047301	.1779405	.0609520	32.06239	1.208045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214400	.0042534	27.58952	.0778678	-.036172	.2223194	299.5287
Stddev	.0000525	.0000634	.08953	.0006702	.000827	.0063943	.5585
%RSD	.2449247	1.491245	.3245230	.8607421	2.287610	2.876167	.1864649
#1	.0214587	.0042134	27.60343	.0772553	-.035289	.2254257	298.9188
#2	.0214806	.0043265	27.49384	.0777642	-.036930	.2149654	299.6520
#3	.0213807	.0042202	27.67129	.0785838	-.036298	.2265671	300.0152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.054773	6.423049	.1857537	.0006928	.5822055	.1737144	.6415291
Stddev	.006265	.047813	.0009054	.0008695	.0176035	.0117732	.0051808
%RSD	.3048985	.7443940	.4874300	125.5092	3.023592	6.777312	.8075755
#1	2.061004	6.371249	.1867831	-.000311	.5632352	.1756780	.6440900
#2	2.054841	6.465491	.1853971	.001208	.5980136	.1610829	.6449308
#3	2.048474	6.432407	.1850809	.001182	.5853678	.1843823	.6355665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.200999	7.357982	.1205428	.0239984	16.06078	6.095729	.0841838
Stddev	.156918	.027102	.0036972	.0004921	.08920	.052085	.0009505
%RSD	3.017066	.3683287	3.067091	2.050573	.5553715	.8544556	1.129124
#1	5.154160	7.384678	.1195436	.0245627	16.16041	6.078262	.0849663
#2	5.072834	7.358776	.1246368	.0237743	16.03356	6.054622	.0844591
#3	5.376002	7.330492	.1174479	.0236582	15.98836	6.154303	.0831260

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-16 Acquired: 12/29/2024 5:59:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.827352	-.033390	.0350230
Stddev	.005772	.000377	.0033058
%RSD	.3158412	1.130518	9.438849
#1	1.827256	-.032955	.0388329
#2	1.821629	-.033577	.0329137
#3	1.833171	-.033637	.0333225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.636	29602.04	2222.827	1506.388	1907.445
Stddev	2.414	95.55	15.553	11.068	4.398
%RSD	.1031649	.3227693	.6996912	.7347700	.2305568
#1	2338.941	29579.41	2228.532	1504.864	1902.509
#2	2342.321	29519.84	2234.722	1496.160	1910.946
#3	2337.646	29706.87	2205.227	1518.139	1908.879

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-17 Acquired: 12/29/2024 6:03:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0883476	-.043494	1.412623	.0714020	.0169952	53.06830
Stddev	.0006967	.000493	.001638	.0025598	.0026671	.21160
%RSD	.7885820	1.134262	.1159256	3.585028	15.69322	.3987254
#1	.0879635	-.042933	1.413673	.0686100	.0195650	52.82680
#2	.0891518	-.043858	1.410736	.0736383	.0142404	53.15697
#3	.0879275	-.043693	1.413460	.0719576	.0171803	53.22114

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.409265	.0114617	.0046015	63.06216	.0836971	.0507699
Stddev	.004012	.0000677	.0000710	.10997	.0009431	.0005845
%RSD	.2847211	.5911380	1.543811	.1743889	1.126854	1.151362
#1	1.404635	.0114102	.0046766	63.04488	.0847051	.0509009
#2	1.411420	.0114364	.0045925	63.17975	.0835502	.0501310
#3	1.411739	.0115384	.0045354	62.96185	.0828361	.0512779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2745474	139.7822	7.667890	11.55595	.1591383	-.000033
Stddev	.0023709	.5555	.033561	.02795	.0007563	.000253
%RSD	.8635790	.3973895	.4376758	.2418987	.4752456	768.6971
#1	.2748414	139.1897	7.629813	11.56629	.1595406	.000257
#2	.2767576	139.8656	7.680687	11.52430	.1582659	-.000210
#3	.2720432	140.2912	7.693169	11.57725	.1596085	-.000146

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8067693	.1867929	.9982014	5.532837	F 19.79749	.0756062
Stddev	.0237869	.0067872	.0007653	.033203	.01256	.0032697
%RSD	2.948411	3.633543	.0766681	.6001022	.0634659	4.324607
#1	.8224324	.1941865	.9987066	5.570910	19.81011	.0722692
#2	.7793976	.1808451	.9973209	5.517706	19.78498	.0788041
#3	.8184778	.1853471	.9985767	5.509895	19.79737	.0757452

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-17 Acquired: 12/29/2024 6:03:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK71 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180004	4.098189	8.818198	.0645556	.8698943	.3881414
Stddev	.0003458	.016785	.067085	.0004748	.0064869	.0016368
%RSD	1.921061	.4095596	.7607506	.7355578	.7457093	.4217091
#1	.0179488	4.105557	8.867397	.0642121	.8631366	.3865141
#2	.0183691	4.078980	8.741783	.0643573	.8760713	.3897876
#3	.0176832	4.110029	8.845415	.0650975	.8704749	.3881227

Elem	Li6707
Units	ppm
Avg	.0821953
Stddev	.0037108
%RSD	4.514578
#1	.0779119
#2	.0842432
#3	.0844309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.293	31334.38	2377.805	1595.478	1911.232
Stddev	5.745	161.04	4.391	9.460	1.551
%RSD	.2321796	.5139380	.1846828	.5929006	.0811510
#1	2480.426	31415.74	2372.746	1605.812	1912.901
#2	2469.037	31148.90	2380.635	1587.246	1909.834
#3	2473.417	31438.52	2380.035	1593.376	1910.963

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-18 Acquired: 12/29/2024 6:07:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1131910	-.028385	.9370323	.0952941	.0163909	77.71877
Stddev	.0050820	.003095	.0029153	.0049769	.0037286	.19316
%RSD	4.489792	10.90513	.3111212	5.222716	22.74809	.2485338
#1	.1073789	-.025236	.9338683	.0980300	.0202929	77.58178
#2	.1153961	-.028494	.9376188	.0895494	.0128640	77.63484
#3	.1167981	-.031424	.9396097	.0983030	.0160158	77.93970

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.652985	.0120279	.0083029	155.9052	.1203978	.0716115
Stddev	.004788	.0001725	.0001763	.4930	.0004286	.0010036
%RSD	.2896277	1.434334	2.123325	.3162372	.3559983	1.401497
#1	1.648263	.0118523	.0081219	155.7314	.1199271	.0722864
#2	1.652856	.0121972	.0083125	155.5226	.1207656	.0720899
#3	1.657835	.0120343	.0084741	156.4616	.1205008	.0704581

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1936713	181.4264	19.62952	26.84380	.1778149	.0041742
Stddev	.0077990	.5334	.06232	.17247	.0012460	.0012061
%RSD	4.026913	.2940270	.3174586	.6424935	.7007143	28.89490
#1	.2025999	181.3730	19.59664	26.77005	.1791268	.0027911
#2	.1881898	180.9216	19.59052	26.72046	.1766474	.0050068
#3	.1902244	181.9845	19.70138	27.04088	.1776706	.0047249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5000218	.1737722	.6826232	8.296119	F 17.13401	.0917602
Stddev	.0187225	.0040979	.0009466	.027355	.02098	.0010719
%RSD	3.744328	2.358180	.1386696	.3297287	.1224479	1.168147
#1	.4878397	.1720757	.6815977	8.314816	17.15774	.0908835
#2	.4906459	.1784458	.6828084	8.308817	17.12637	.0914419
#3	.5215798	.1707950	.6834636	8.264723	17.11793	.0929552

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-18 Acquired: 12/29/2024 6:07:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133149	3.072331	13.72886	.0380256	.6095398	.1268994
Stddev	.0003510	.004743	.06321	.0008685	.0032875	.0009084
%RSD	2.636247	.1543698	.4604460	2.283889	.5393384	.7158444
#1	.0129102	3.068744	13.67106	.0381453	.6058931	.1260147
#2	.0134974	3.077709	13.79636	.0371035	.6104503	.1268536
#3	.0135370	3.070541	13.71915	.0388280	.6122761	.1278298

Elem	Li6707
Units	ppm
Avg	.1224332
Stddev	.0031288
%RSD	2.555540
#1	.1192596
#2	.1255153
#3	.1225245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.149	33386.78	2599.598	1694.118	1831.455
Stddev	10.681	108.75	14.387	11.044	7.613
%RSD	.4034771	.3257234	.5534201	.6519184	.4156573
#1	2634.820	33470.25	2615.890	1702.913	1822.683
#2	2653.562	33426.28	2594.262	1697.717	1835.356
#3	2653.067	33263.80	2588.642	1681.723	1836.327

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-19 Acquired: 12/29/2024 6:11:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1127858	-.034089	.9295442	.0941511	.0180014	78.13528
Stddev	.0027788	.005615	.0028094	.0062677	.0053144	.17874
%RSD	2.463748	16.47270	.3022311	6.657102	29.52239	.2287629
#1	.1095793	-.036716	.9315446	.1001068	.0214930	78.13274
#2	.1142871	-.027642	.9307557	.0947345	.0118853	77.95782
#3	.1144910	-.037910	.9263324	.0876121	.0206259	78.31528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.664329	.0123977	.0081952	156.0859	.1200267	.0706215
Stddev	.002753	.0001137	.0001185	.4903	.0011187	.0009441
%RSD	.1653940	.9166907	1.445314	.3141476	.9320141	1.336847
#1	1.666465	.0122683	.0083058	155.9488	.1210346	.0710923
#2	1.661223	.0124431	.0080703	155.6787	.1202225	.0712377
#3	1.665299	.0124816	.0082096	156.6302	.1188231	.0695346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978093	182.3968	19.69838	26.98928	.1773787	.0047093
Stddev	.0029063	.2526	.04413	.13063	.0005219	.0005820
%RSD	1.469218	.1384634	.2240036	.4840237	.2942359	12.35747
#1	.1956251	182.6827	19.70525	26.94417	.1779811	.0051822
#2	.2011078	182.2041	19.65122	26.88717	.1770941	.0040594
#3	.1966951	182.3036	19.73866	27.13649	.1770610	.0048864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172588	.1809578	.6728654	8.178783	F 17.03416	.0879326
Stddev	.0292483	.0132737	.0015767	.101844	.01034	.0017995
%RSD	5.654484	7.335216	.2343312	1.245222	.0606879	2.046431
#1	.5330862	.1962664	.6712130	8.292746	17.04190	.0886058
#2	.5351828	.1739565	.6730296	8.146933	17.02242	.0892983
#3	.4835075	.1726506	.6743537	8.096672	17.03816	.0858935

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-19 Acquired: 12/29/2024 6:11:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133629	3.059741	13.95828	.0409161	.6224470	.1256119
Stddev	.0001540	.018620	.06331	.0021235	.0029997	.0010632
%RSD	1.152654	.6085488	.4535312	5.189795	.4819212	.8464124
#1	.0131865	3.060415	13.97029	.0385846	.6249520	.1246579
#2	.0134712	3.078015	13.88983	.0427393	.6191228	.1254199
#3	.0134308	3.040793	14.01471	.0414245	.6232661	.1267581

Elem	Li6707
Units	ppm
Avg	.1224152
Stddev	.0041136
%RSD	3.360401
#1	.1202943
#2	.1197949
#3	.1271565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.382	33199.59	2532.049	1690.531	1836.363
Stddev	3.337	56.20	10.425	3.832	2.750
%RSD	.1260020	.1692673	.4117414	.2266552	.1497374
#1	2644.536	33251.72	2536.098	1694.846	1833.199
#2	2650.101	33206.99	2539.843	1687.525	1838.178
#3	2650.509	33140.06	2520.207	1689.223	1837.711

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-18LX5 Acquired: 12/29/2024 6:15:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258043	-.007637	.1911073	.0200979	.0029228	18.79954	.3981297
Stddev	.0059289	.002991	.0012710	.0071973	.0045150	.07303	.0004823
%RSD	22.97640	39.15939	.6650855	35.81108	154.4720	.3884826	.1211311
#1	.0314518	-.009968	.1922517	.0242630	-.001125	18.77625	.3983721
#2	.0196292	-.008677	.1913309	.0117872	.007792	18.74099	.3975743
#3	.0263319	-.004265	.1897393	.0242434	.002102	18.88137	.3984425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030670	.0014553	22.00001	.0277944	.0197317	.0469037	44.77179
Stddev	.0002004	.0000938	.07001	.0007174	.0004054	.0085866	.09762
%RSD	6.534006	6.447956	.3182411	2.581132	2.054323	18.30683	.2180447
#1	.0032927	.0014907	21.96367	.0279086	.0193889	.0544604	44.66510
#2	.0029099	.0013489	21.95564	.0270268	.0201791	.0375664	44.85665
#3	.0029984	.0015263	22.08072	.0284479	.0196272	.0486844	44.79362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854049	6.399572	.0358759	.0005338	.1144555	.0381684	.1703840
Stddev	.001986	.147713	.0004322	.0017337	.0042717	.0060753	.0007017
%RSD	.0409204	2.308171	1.204783	324.7828	3.732224	15.91710	.4118159
#1	4.853636	6.403733	.0356928	-.001337	.1169997	.0361637	.1711936
#2	4.852302	6.249822	.0355653	.000852	.1095237	.0333488	.1700061
#3	4.856209	6.545161	.0363695	.002086	.1168431	.0449927	.1699523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915323	3.616888	.0167355	.0037684	.6132401	3.073096	.0075499
Stddev	.120081	.010158	.0007585	.0002428	.0078142	.015798	.0000864
%RSD	6.269506	.2808625	4.532552	6.442688	1.274240	.5140674	1.144702
#1	1.850205	3.611959	.0158840	.0040370	.6221950	3.055581	.0074538
#2	1.841867	3.610134	.0173389	.0035646	.6097211	3.077439	.0075743
#3	2.053897	3.628570	.0169837	.0037035	.6078042	3.086269	.0076214

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-18LX5 Acquired: 12/29/2024 6:15:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1588976	.0105170	.0330730
Stddev	.0015306	.0006870	.0027473
%RSD	.9632747	6.532563	8.306669
#1	.1604490	.0110402	.0344779
#2	.1588552	.0107718	.0348337
#3	.1573886	.0097390	.0299074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.708	27995.92	2083.299	1426.590	1887.626
Stddev	2.600	33.30	2.764	6.247	2.617
%RSD	.1171471	.1189605	.1326506	.4379051	.1386465
#1	2222.701	27976.88	2084.371	1420.747	1890.489
#2	2218.417	27976.50	2085.366	1425.849	1887.035
#3	2218.005	28034.37	2080.160	1433.175	1885.356

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-20 Acquired: 12/29/2024 6:19:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1941696	.0421303	.9339330	.2334791	.1685444	79.49120
Stddev	.0033098	.0048281	.0005072	.0027698	.0021317	.28303
%RSD	1.704609	11.45980	.0543042	1.186305	1.264796	.3560532
#1	.1978570	.0406474	.9336689	.2366534	.1692167	79.28617
#2	.1931959	.0382177	.9336123	.2322298	.1661576	79.81412
#3	.1914558	.0475259	.9345177	.2315540	.1702590	79.37331

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772493	.0916682	.1020510	152.6755	.4473109	1.037699
Stddev	.018479	.0008932	.0000468	.8654	.0012620	.002331
%RSD	.3871934	.9743977	.0458438	.5668474	.2821274	.2246274
#1	4.766315	.0913189	.1020226	151.9294	.4460195	1.039803
#2	4.793270	.0926832	.1020253	153.6243	.4473720	1.035193
#3	4.757895	.0910023	.1021050	152.4729	.4485413	1.038103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5553803	179.1122	19.95309	26.48362	1.141501	.0622330
Stddev	.0068237	.9449	.08325	.17184	.001414	.0010059
%RSD	1.228655	.5275712	.4172369	.6488436	.1239092	1.616288
#1	.5512469	178.1775	19.88623	26.30702	1.142716	.0611967
#2	.5632564	180.0671	20.04634	26.65025	1.141840	.0622968
#3	.5516377	179.0920	19.92671	26.49360	1.139949	.0632054

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5990579	.9669547	1.418280	8.164786	F 16.42230	.0829575
Stddev	.0079218	.0067295	.004159	.089066	.01938	.0044895
%RSD	1.322372	.6959498	.2932238	1.090850	.1180027	5.411844
#1	.5905187	.9591965	1.420838	8.134597	16.44460	.0783578
#2	.6061676	.9704548	1.420521	8.265022	16.41268	.0831866
#3	.6004874	.9712129	1.413482	8.094739	16.40960	.0873281

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-20 Acquired: 12/29/2024 6:19:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK72S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126954	2.916389	13.86411	.0381232	.6070057	.1236198
Stddev	.0000841	.010346	.11630	.0011988	.0036438	.0005994
%RSD	.6625626	.3547408	.8388314	3.144586	.6002938	.4848581
#1	.0126131	2.904459	13.85625	.0393369	.6073084	.1233597
#2	.0127812	2.921806	13.98413	.0380929	.6032200	.1243053
#3	.0126920	2.922900	13.75194	.0369398	.6104887	.1231944

Elem	Li6707
Units	ppm
Avg	.1217761
Stddev	.0021931
%RSD	1.800939
#1	.1227595
#2	.1192634
#3	.1233053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.283	33368.90	2531.947	1688.740	1844.623
Stddev	12.673	220.11	24.932	11.702	7.182
%RSD	.4814593	.6596225	.9846994	.6929488	.3893622
#1	2645.794	33614.40	2555.692	1702.171	1851.899
#2	2630.398	33303.09	2505.977	1680.742	1844.433
#3	2620.658	33189.20	2534.172	1683.307	1837.538

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-21 Acquired: 12/29/2024 6:22:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057094	-.035948	.2840994	.0992949	.0224062	82.47039
Stddev	.0045661	.003704	.0019121	.0011965	.0015229	.04605
%RSD	4.319515	10.30516	.6730245	1.205004	6.796624	.0558394
#1	.1098410	-.032142	.2820991	.0995789	.0241110	82.52050
#2	.1008069	-.039542	.2842903	.1003238	.0211806	82.46075
#3	.1064804	-.036160	.2859089	.0979819	.0219269	82.42992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.777387	.0126571	.0090105	97.80256	.1282583	.0637414
Stddev	.002184	.0001655	.0000321	.10707	.0013798	.0006662
%RSD	.1228571	1.307170	.3562760	.1094720	1.075789	1.045169
#1	1.779123	.0128140	.0089734	97.81462	.1281790	.0643691
#2	1.778102	.0126732	.0090305	97.90308	.1269198	.0638127
#3	1.774935	.0124842	.0090275	97.68997	.1296760	.0630425

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1575177	182.5314	19.77464	26.29853	.1856373	.0043654
Stddev	.0060927	.3017	.03897	.16353	.0017178	.0004614
%RSD	3.867925	.1652674	.1970461	.6218143	.9253720	10.56960
#1	.1505405	182.5258	19.81866	26.15824	.1875018	.0048368
#2	.1617870	182.2326	19.76064	26.25922	.1852915	.0043447
#3	.1602257	182.8359	19.74460	26.47813	.1841188	.0039147

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4010902	.1684352	.5632973	6.176106	F 12.13464	.0834919
Stddev	.0300765	.0041250	.0037076	.137874	.01197	.0020910
%RSD	7.498689	2.449012	.6581865	2.232375	.0986136	2.504449
#1	.3672926	.1711600	.5623192	6.277411	12.13015	.0851269
#2	.4110688	.1636894	.5673958	6.231813	12.12558	.0811358
#3	.4249092	.1704562	.5601768	6.019095	12.14821	.0842131

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5032-21 Acquired: 12/29/2024 6:22:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK73 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081677	2.860038	12.27672	.0227087	.5506356	-.011752
Stddev	.0004315	.002377	.05477	.0019948	.0028704	.001025
%RSD	5.282478	.0831045	.4461457	8.784066	.5212953	8.719496
#1	.0086658	2.860223	12.27190	.0213419	.5494446	-.011035
#2	.0079107	2.862318	12.22452	.0217865	.5485524	-.011296
#3	.0079265	2.857575	12.33375	.0249977	.5539098	-.012926

Elem	Li6707
Units	ppm
Avg	.1201892
Stddev	.0022878
%RSD	1.903490
#1	.1198517
#2	.1226269
#3	.1180888

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	34466.85	2588.041	1746.103	1851.197
Stddev	10.018	126.50	15.921	5.299	4.280
%RSD	.3678576	.3670300	.6151823	.3034613	.2311932
#1	2718.109	34321.57	2571.772	1740.800	1848.198
#2	2717.034	34552.68	2603.590	1746.112	1849.294
#3	2734.898	34526.31	2588.762	1751.398	1856.098

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-22 Acquired: 12/29/2024 6:26:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501814	-.017570	.1930435	.0426003	.0049163	64.76995	1.164173
Stddev	.0059738	.007226	.0007846	.0062590	.0042367	.04466	.001745
%RSD	11.90433	41.12826	.4064583	14.69231	86.17529	.0689445	.1498941
#1	.0451564	-.025776	.1938668	.0353852	.0029322	64.77872	1.165776
#2	.0567863	-.014772	.1929594	.0465704	.0097810	64.72156	1.162314
#3	.0486016	-.012161	.1923043	.0458453	.0020359	64.80957	1.164430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096082	.0049660	724.5105	.1118296	.0600330	.0830525	138.7733
Stddev	.0001555	.0001021	1.8574	.0013134	.0001751	.0095272	.4365
%RSD	1.618005	2.054956	.2563696	1.174459	.2917308	11.47134	.3145493
#1	.0097836	.0048856	725.1233	.1103199	.0599857	.0928745	139.1680
#2	.0095535	.0049315	722.4241	.1127098	.0598863	.0738503	138.3045
#3	.0094874	.0050808	725.9841	.1124590	.0602269	.0824327	138.8475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.315150	69.65744	.1440791	.0006566	.7510316	.1259186	.4191905
Stddev	.028266	.39508	.0006975	.0011933	.0323893	.0029327	.0025064
%RSD	.4475839	.5671807	.4841395	181.7462	4.312644	2.329009	.5979056
#1	6.344340	70.09472	.1448485	.0018246	.7479015	.1226908	.4184420
#2	6.287909	69.55141	.1434880	.0007058	.7848724	.1284192	.4219858
#3	6.313202	69.32619	.1439007	-.000561	.7203210	.1266459	.4171437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834891	8.109120	.0674519	.0016794	2.368477	11.32852	.0220872
Stddev	.141973	.021940	.0007556	.0002581	.006317	.00774	.0016135
%RSD	2.936434	.2705572	1.120276	15.37071	.2667178	.0683171	7.305098
#1	4.691907	8.092410	.0676262	.0017606	2.361280	11.32430	.0211745
#2	4.975832	8.100986	.0666244	.0013904	2.373107	11.32380	.0239501
#3	4.836934	8.133966	.0681052	.0018871	2.371042	11.33745	.0211369

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5032-22 Acquired: 12/29/2024 6:26:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK74 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7579307	.3348513	.1104270
Stddev	.0079544	.0008500	.0047179
%RSD	1.049486	.2538578	4.272436
#1	.7661573	.3338871	.1057416
#2	.7502798	.3354925	.1103625
#3	.7573549	.3351743	.1151768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.424	29182.57	2282.720	1468.539	1662.082
Stddev	4.202	117.08	10.620	5.704	4.154
%RSD	.1820325	.4011858	.4652356	.3884224	.2499366
#1	2305.654	29199.25	2278.209	1472.608	1663.232
#2	2313.259	29058.05	2275.101	1462.019	1665.541
#3	2306.359	29290.41	2294.851	1470.991	1657.474

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV036 Acquired: 12/29/2024 6:30:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023542	4.730378	24.23133	5.014959	4.922767	403.3438	9.990623
Stddev	.006850	.007943	.04225	.011034	.003305	.4753	.014060
%RSD	.1363538	.1679225	.1743408	.2200200	.0671309	.1178499	.1407298
#1	5.015802	4.738586	24.22848	5.002256	4.919849	402.9741	9.975326
#2	5.025999	4.722729	24.19059	5.020463	4.922096	403.1774	9.993561
#3	5.028824	4.729817	24.27493	5.022158	4.926356	403.8800	10.00298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093261	2.442223	400.6735	15.30303	2.359789	14.75874	403.7316
Stddev	.0045407	.003761	.6632	.02555	.004055	.03587	.8104
%RSD	.8915209	.1539913	.1655257	.1669601	.1718490	.2430461	.2007314
#1	.5144103	2.443307	400.9387	15.27745	2.360816	14.73434	403.2508
#2	.5056740	2.438040	399.9187	15.30309	2.355319	14.79992	403.2767
#3	.5078941	2.445323	401.1630	15.32855	2.363232	14.74194	404.6673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52572	399.4230	2.459784	1.265496	411.9751	2.460364	14.81071
Stddev	.01887	.5890	.004115	.002814	4.5049	.018219	.10493
%RSD	.1299067	.1474608	.1672811	.2223996	1.093494	.7404893	.7084991
#1	14.51039	399.7427	2.463387	1.265614	417.0275	2.479205	14.69056
#2	14.51996	398.7433	2.455300	1.262625	408.3768	2.459049	14.88434
#3	14.54679	399.7831	2.460665	1.268250	410.5209	2.442839	14.85722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.7825	4.913622	4.977927	4.900726	4.956154	4.848115	4.938807
Stddev	.0969	.019429	.035224	.003618	.001557	.036420	.006181
%RSD	.0642724	.3954111	.7075985	.0738254	.0314066	.7512247	.1251602
#1	150.7716	4.934954	5.014208	4.897117	4.957520	4.888014	4.935756
#2	150.8844	4.896940	4.943865	4.900707	4.954460	4.816656	4.934744
#3	150.6915	4.908972	4.975708	4.904353	4.956482	4.839676	4.945921

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV036 Acquired: 12/29/2024 6:30:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.926787	4.695510	5.112140
Stddev	.005474	.002529	.008240
%RSD	.1111153	.0538542	.1611873
#1	4.920762	4.692746	5.102642
#2	4.931457	4.697707	5.117369
#3	4.928142	4.696076	5.116410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.740	23512.76	1898.237	1139.175	1548.895
Stddev	3.693	7.19	14.967	5.413	4.048
%RSD	.2024806	.0305874	.7884739	.4751326	.2613502
#1	1825.910	23506.72	1881.840	1145.331	1547.337
#2	1825.834	23510.86	1911.164	1135.161	1553.490
#3	1819.476	23520.72	1901.707	1137.034	1545.857

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB036 Acquired: 12/29/2024 6:34:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.000995	.0020927	.0001836	-.001860	-.001904	.0095906
Stddev	.001766	.0010541	.0025681	.001135	.000819	.0163486
%RSD	177.4956	50.36904	1398.565	61.00520	43.01654	170.4642
#1	-.001102	.0032486	.0031332	-.001893	-.000964	-.000924
#2	.000822	.0011846	-.001026	-.002977	-.002282	.028426
#3	-.002704	.0018448	-.001556	-.000709	-.002465	.001270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000771	.0001056	-.000016	.0093589	.0006788	-.000175
Stddev	.000940	.0003413	.000102	.0396248	.0006854	.000246
%RSD	121.9496	323.2726	650.8653	423.3902	100.9653	140.4286
#1	.000275	-.000129	-.000093	.0535083	.0003233	-.000260
#2	-.001546	.000497	-.000054	-.023120	.0014689	.000102
#3	-.001043	-.000052	.000100	-.002311	.0002443	-.000368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001541	.0368026	.0007719	-.018491	.0004075	.0004257
Stddev	.006612	.0308625	.0010215	.061149	.0003019	.0014761
%RSD	428.9695	83.85959	132.3369	330.6940	74.07801	346.7575
#1	-.004284	.0565365	-.000406	-.082624	.0003016	-.001060
#2	-.006340	.0012369	.001309	-.012009	.0007481	.001892
#3	.006001	.0526343	.001412	.039159	.0001729	.000446

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345821	-.001558	.0016852	.1534823	.0011931	.0103698
Stddev	.0356641	.014547	.0008247	.0936763	.0005330	.0005412
%RSD	103.1290	933.9141	48.93545	61.03396	44.66946	5.219374
#1	.0571945	.010027	.0025475	.1817383	.0014690	.0104298
#2	.0530825	-.017884	.0016041	.2297780	.0015316	.0098011
#3	-.006531	.003184	.0009042	.0489305	.0005788	.0108786

Reviewed By:mohan
On:12/31/2024
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Sample Name: CCB036 Acquired: 12/29/2024 6:34:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0008380	-.001025	.0002490	-.000588	.0040247	-.000144
Stddev	.0003001	.001761	.0018293	.001026	.0021408	.000167
%RSD	35.81647	171.8454	734.6669	174.5404	53.19126	116.0355
#1	.0009682	-.002909	-.000761	.000306	.0023503	-.000139
#2	.0004947	.000579	.002361	-.001708	.0032870	.000021
#3	.0010511	-.000743	-.000853	-.000362	.0064369	-.000313

Elem	Li6707
Units	ppm
Avg	F .0210260
Stddev	.0043333
%RSD	20.60930
#1	.0259675
#2	.0192363
#3	.0178743

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.811	25801.49	1970.589	1309.311	1856.430
Stddev	5.756	141.96	17.997	2.610	2.603
%RSD	.2804135	.5502126	.9132593	.1993170	.1402185
#1	2047.805	25686.15	1959.402	1307.127	1854.984
#2	2059.101	25758.27	1991.349	1308.605	1859.435
#3	2051.527	25960.04	1961.017	1312.201	1854.871

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-01 Acquired: 12/29/2024 6:38:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693799	-.046948	.2701112	.0705667	.0136321	70.07985
Stddev	.0022211	.004053	.0016508	.0052803	.0019949	2.55817
%RSD	3.201333	8.633520	.6111402	7.482750	14.63419	3.650366
#1	.0675459	-.042299	.2709312	.0646618	.0124184	67.13837
#2	.0718495	-.049740	.2682110	.0748348	.0125433	71.31608
#3	.0687443	-.048805	.2711914	.0722035	.0159345	71.78511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9533996	.0104074	.0044619	111.2259	.0972042	.0532343
Stddev	.0352784	.0003401	.0000076	3.9107	.0011381	.0023259
%RSD	3.700279	3.268171	.1699925	3.515991	1.170870	4.369167
#1	.9127365	.0100149	.0044703	106.7225	.0985152	.0559085
#2	.9716210	.0106165	.0044555	113.1886	.0964698	.0521126
#3	.9758413	.0105907	.0044599	113.7665	.0966275	.0516819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417633	151.3819	4.921328	35.77534	.1358748	-.000755
Stddev	.0119309	5.5479	.175600	1.25747	.0007356	.001197
%RSD	8.416088	3.664871	3.568141	3.514897	.5413676	158.6255
#1	.1297649	144.9918	4.720426	34.35289	.1360482	-.002064
#2	.1418995	154.1832	4.998023	36.23415	.1365083	-.000483
#3	.1536256	154.9706	5.045534	36.73897	.1350681	.000284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8997619	.1679891	.8174920	6.882857	F 28.98882	.0752204
Stddev	.0249998	.0054483	.0069171	.289619	.07589	.0038289
%RSD	2.778493	3.243272	.8461303	4.207826	.2617972	5.090217
#1	.8795222	.1624939	.8254762	6.561090	28.92611	.0708894
#2	.9277075	.1680840	.8136865	6.964820	29.07319	.0766162
#3	.8920561	.1733894	.8133132	7.122661	28.96715	.0781555

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-01 Acquired: 12/29/2024 6:38:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038044	2.355548	11.30857	.0211024	1.186498	.0633942
Stddev	.0004332	.010075	.31764	.0010710	.044171	.0019791
%RSD	11.38720	.4277312	2.808879	5.075416	3.722829	3.121848
#1	.0043007	2.357547	10.94530	.0221625	1.136175	.0611654
#2	.0036102	2.364474	11.44636	.0211239	1.204464	.0640717
#3	.0035023	2.344623	11.53405	.0200208	1.218856	.0649456

Elem	Li6707
Units	ppm
Avg	.0898374
Stddev	.0044318
%RSD	4.933173
#1	.0863366
#2	.0883552
#3	.0948203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.077	34632.33	2751.956	1753.427	1840.302
Stddev	8.071	114.96	83.543	5.880	2.213
%RSD	.2929418	.3319529	3.035760	.3353541	.1202659
#1	2752.387	34530.10	2847.637	1751.596	1839.387
#2	2764.150	34610.11	2714.757	1748.680	1842.826
#3	2748.696	34756.78	2693.474	1760.005	1838.693

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-02 Acquired: 12/29/2024 6:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535680	-.025539	.2066887	.0459204	.0054993	51.11897	.6003138
Stddev	.0055097	.001476	.0020543	.0078750	.0025567	.15364	.0005447
%RSD	10.28553	5.778891	.9939342	17.14918	46.49095	.3005525	.0907321
#1	.0517265	-.024889	.2084819	.0501132	.0074905	51.17894	.6007322
#2	.0492148	-.024499	.2071370	.0368361	.0026161	51.23357	.5996980
#3	.0597626	-.027228	.2044472	.0508120	.0063913	50.94439	.6005113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093548	.0038393	491.0758	.0790257	.0597099	.1881654	148.0190
Stddev	.0001006	.0000831	1.4239	.0014004	.0004564	.0025951	.4429
%RSD	1.075699	2.163901	.2899539	1.772030	.7643402	1.379151	.2991944
#1	.0094698	.0039209	492.4321	.0787510	.0593393	.1863185	148.4692
#2	.0092826	.0037548	491.2024	.0805431	.0595705	.1870454	147.5838
#3	.0093122	.0038421	489.5928	.0777831	.0602197	.1911325	148.0040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.708098	100.1291	.1429311	.0003738	.8733217	.1575494	.6087012
Stddev	.009540	.3792	.0004813	.0011330	.0084840	.0088382	.0017464
%RSD	.1237681	.3786621	.3367479	303.1262	.9714627	5.609808	.2869107
#1	7.711913	100.5531	.1427836	.0011744	.8782912	.1502889	.6096947
#2	7.715140	100.0117	.1425407	.0008696	.8781482	.1673907	.6097244
#3	7.697240	99.8225	.1434689	-.000923	.8635256	.1549684	.6066847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.263065	8.319468	.0836119	.0028725	1.093551	9.759922	.0226818
Stddev	.040728	.021466	.0018772	.0006063	.008572	.117709	.0009733
%RSD	.7738515	.2580162	2.245078	21.10868	.7838835	1.206046	4.290898
#1	5.307190	8.343829	.0814481	.0034655	1.094107	9.826764	.0223925
#2	5.255090	8.303329	.0848046	.0022536	1.084714	9.828993	.0218860
#3	5.226914	8.311247	.0845830	.0028985	1.101831	9.624009	.0237669

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-02 Acquired: 12/29/2024 6:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5740682	.3547807	.0831059
Stddev	.0029731	.0012561	.0021262
%RSD	.5178955	.3540556	2.558382
#1	.5739553	.3534328	.0847565
#2	.5711532	.3559186	.0807067
#3	.5770961	.3549906	.0838545

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.196	30462.66	2412.987	1530.843	1750.193
Stddev	7.402	127.48	20.066	10.700	3.062
%RSD	.3047292	.4184725	.8315799	.6989773	.1749633
#1	2437.411	30433.49	2397.812	1524.222	1751.811
#2	2427.135	30602.20	2405.411	1543.188	1752.108
#3	2423.043	30352.30	2435.738	1525.120	1746.662

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-03 Acquired: 12/29/2024 6:46:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457273	-.033006	.1501493	.0539742	.0068924	47.88304	.5124572
Stddev	.0065153	.002475	.0034060	.0060542	.0049342	.26277	.0038323
%RSD	14.24823	7.497788	2.268435	11.21678	71.58924	.5487817	.7478182
#1	.0440310	-.035119	.1479327	.0593366	.0122347	47.85516	.5101161
#2	.0529229	-.030284	.1484441	.0551770	.0025062	48.15864	.5168798
#3	.0402278	-.033617	.1540711	.0474089	.0059364	47.63531	.5103758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103887	.0050508	727.5299	.0748495	.0519366	.1206461	165.6283
Stddev	.0002272	.0000977	4.3198	.0009464	.0014476	.0046954	.8652
%RSD	2.187225	1.934076	.5937619	1.264411	2.787271	3.891908	.5223470
#1	.0101685	.0050474	726.4157	.0747236	.0514637	.1159510	165.7424
#2	.0106224	.0049549	732.2976	.0758525	.0507846	.1206456	166.4308
#3	.0103752	.0051501	723.8763	.0739723	.0535615	.1253418	164.7118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.195175	75.86583	.1422191	-.001118	.8436715	.1516540	.3440668
Stddev	.043279	.62076	.0008863	.000965	.0208691	.0075591	.0012435
%RSD	.6015007	.8182399	.6231720	86.31404	2.473604	4.984448	.3614073
#1	7.202764	75.97041	.1431833	-.000453	.8298741	.1450588	.3429017
#2	7.234158	76.42766	.1414400	-.000676	.8334605	.1500001	.3439227
#3	7.148604	75.19942	.1420340	-.002225	.8676799	.1599032	.3453761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.360379	9.091992	.1095005	.0006310	.8246812	8.818181	.0238328
Stddev	.181472	.027372	.0021297	.0008809	.0058116	.095761	.0028895
%RSD	2.170616	.3010507	1.944924	139.5998	.7047067	1.085953	12.12415
#1	8.187876	9.063440	.1112388	.0007602	.8202738	8.782557	.0241289
#2	8.549655	9.094530	.1101379	-.000307	.8312673	8.926649	.0265628
#3	8.343608	9.118007	.1071249	.001440	.8225025	8.745339	.0208065

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-03 Acquired: 12/29/2024 6:46:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7475824	.3617523	.0880281
Stddev	.0042080	.0023896	.0061741
%RSD	.5628783	.6605685	7.013720
#1	.7472771	.3606594	.0809886
#2	.7519347	.3644929	.0905723
#3	.7435354	.3601045	.0925236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.942	30423.61	2413.567	1531.766	1721.120
Stddev	8.762	35.25	19.434	5.560	3.782
%RSD	.3635752	.1158614	.8052170	.3629491	.2197564
#1	2404.044	30461.71	2420.278	1538.021	1719.879
#2	2420.010	30416.97	2391.667	1529.889	1725.367
#3	2405.771	30392.15	2428.757	1527.387	1718.114

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-04 Acquired: 12/29/2024 6:50:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493272	-.079751	.2673995	.1151532	.0330096	62.92739
Stddev	.0040466	.005910	.0017782	.0041478	.0007929	.18762
%RSD	8.203511	7.410116	.6649896	3.601978	2.402130	.2981514
#1	.0519632	-.076471	.2677218	.1195137	.0329835	62.88915
#2	.0446680	-.086574	.2689946	.1112572	.0338152	63.13118
#3	.0513502	-.076210	.2654823	.1146887	.0322300	62.76183

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6631347	.0151789	.0059932	507.7709	.0921693	.0354019
Stddev	.0020087	.0002735	.0000150	1.0853	.0003839	.0009069
%RSD	.3029059	1.802043	.2509474	.2137351	.4165494	2.561610
#1	.6615475	.0154933	.0059843	507.6254	.0921821	.0362045
#2	.6653930	.0149961	.0060106	508.9216	.0925468	.0344181
#3	.6624635	.0150472	.0059847	506.7657	.0917792	.0355832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001450	256.7472	6.534673	79.41753	.1939806	-.001355
Stddev	.0033399	.7754	.026038	.17669	.0005152	.000518
%RSD	3.335037	.3020238	.3984571	.2224787	.2656064	38.22639
#1	.1007240	256.0418	6.513258	79.23271	.1945218	-.001394
#2	.1031575	257.5775	6.563657	79.58477	.1939239	-.001852
#3	.0965535	256.6223	6.527105	79.43511	.1934961	-.000819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8358188	.2418042	.3452211	10.58380	F 11.69660	.1501304
Stddev	.0061996	.0134050	.0009463	.07819	.00724	.0005655
%RSD	.7417372	5.543753	.2741099	.7387972	.0619286	.3766850
#1	.8307824	.2572016	.3461555	10.49910	11.69923	.1495806
#2	.8427427	.2354786	.3452442	10.65323	11.70216	.1501003
#3	.8339313	.2327325	.3442634	10.59907	11.68841	.1507104

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-04 Acquired: 12/29/2024 6:50:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.8385777	10.54905	.0316121	1.773518	.1808135
Stddev	.000659	.0144951	.05174	.0029886	.008853	.0016885
%RSD	3084.541	1.728532	.4904556	9.453972	.4991572	.9338560
#1	-.000447	.8325888	10.59203	.0322560	1.778836	.1826938
#2	-.000354	.8280368	10.49162	.0283541	1.778419	.1794266
#3	.000737	.8551076	10.56350	.0342263	1.763299	.1803200

Elem	Li6707
Units	ppm
Avg	.1191063
Stddev	.0023976
%RSD	2.012987
#1	.1193506
#2	.1213724
#3	.1165959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.719	31531.55	2468.080	1583.794	1720.372
Stddev	3.631	139.67	12.422	6.980	1.360
%RSD	.1466153	.4429590	.5033156	.4407425	.0790308
#1	2474.876	31539.85	2454.594	1582.570	1718.809
#2	2480.902	31387.92	2479.055	1577.507	1721.278
#3	2474.378	31666.89	2470.591	1591.306	1721.029

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-05 Acquired: 12/29/2024 6:53:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249439	.0284902	.2850346	-.023678	-.023121	17.89099
Stddev	.0030344	.0044835	.0016398	.006160	.004029	.11416
%RSD	12.16475	15.73692	.5752981	26.01808	17.42347	.6380709
#1	.0274210	.0242562	.2836558	-.016641	-.022699	18.02177
#2	.0258513	.0331872	.2846001	-.028099	-.027344	17.83987
#3	.0215593	.0280273	.2868479	-.026292	-.019320	17.81132

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1381817	.0044831	.0025735	F 1669.887	.0446212	.0667140
Stddev	.0007477	.0000331	.0000343	7.791	.0012630	.0008153
%RSD	.5411267	.7381713	1.331852	.4665579	2.830550	1.222127
#1	.1379837	.0044626	.0025774	1666.510	.0458078	.0668055
#2	.1375528	.0044655	.0026056	1678.797	.0432936	.0658568
#3	.1390085	.0045213	.0025374	1664.355	.0447623	.0674798

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583552	64.04046	2.731640	263.8219	.0791445	.0000480
Stddev	.0038459	.27710	.015204	1.3017	.0004294	.0002814
%RSD	6.590563	.4326929	.5565915	.4933872	.5425936	586.4187
#1	.0604272	64.35530	2.749156	265.2615	.0793326	-.000030
#2	.0607207	63.93242	2.723918	263.4762	.0794478	.000360
#3	.0539175	63.83366	2.721847	262.7279	.0786531	-.000186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.728803	.0349761	.3098788	4.695201	2.525485	.0819701
Stddev	.039615	.0071459	.0022205	.058296	.005041	.0009921
%RSD	2.291480	20.43081	.7165770	1.241616	.1995952	1.210331
#1	1.771126	.0427954	.3121815	4.714454	2.525356	.0830534
#2	1.692609	.0333483	.3097042	4.741435	2.520511	.0811058
#3	1.722675	.0287845	.3077508	4.629713	2.530590	.0817511

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-05 Acquired: 12/29/2024 6:53:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018692	28.13049	5.317972	.0238717	.1444448	1.024568
Stddev	.0005455	.10658	.041356	.0024099	.0027323	.002637
%RSD	29.18372	.3788684	.7776706	10.09507	1.891581	.2573510
#1	.0013806	28.01405	5.349246	.0255586	.1466909	1.026937
#2	.0017691	28.15422	5.271081	.0211117	.1452404	1.025041
#3	.0024577	28.22320	5.333588	.0249447	.1414030	1.021727

Elem	Li6707
Units	ppm
Avg	.0388896
Stddev	.0041160
%RSD	10.58373
#1	.0371996
#2	.0358876
#3	.0435816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.350	26739.17	2116.780	1340.834	1567.860
Stddev	7.439	86.58	11.844	4.662	5.906
%RSD	.3551984	.3237780	.5595118	.3477162	.3767047
#1	2099.915	26746.11	2103.279	1337.141	1573.045
#2	2097.235	26649.34	2121.644	1339.289	1569.106
#3	2085.901	26822.07	2125.417	1346.073	1561.431

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-06 Acquired: 12/29/2024 6:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991539	-.021152	1.291475	.0432738	.0025968	67.88876
Stddev	.0018217	.002953	.006928	.0076991	.0038362	.10613
%RSD	1.837281	13.95891	.5364073	17.79170	147.7321	.1563363
#1	.0972547	-.024382	1.286270	.0448940	.0066009	67.77331
#2	.0993204	-.020479	1.288817	.0500338	.0022354	67.98210
#3	.1008867	-.018593	1.299338	.0348934	-.001046	67.91086

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6195686	.0103241	.0072250	F 826.7416	.1305900	.0696500
Stddev	.0010707	.0000806	.0000968	1.8282	.0001187	.0004523
%RSD	.1728058	.7810701	1.339879	.2211298	.0908815	.6493598
#1	.6204991	.0103001	.0072920	824.6336	.1304821	.0695541
#2	.6183984	.0104141	.0072690	827.6972	.1305707	.0701425
#3	.6198083	.0102582	.0071140	827.8939	.1307171	.0692534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1824965	150.3350	6.145483	142.2434	.1717565	.0000740
Stddev	.0054775	.2310	.009145	.3216	.0004839	.0013360
%RSD	3.001420	.1536800	.1488104	.2261244	.2817392	1805.802
#1	.1768702	150.0885	6.135847	142.1970	.1715965	.0010510
#2	.1828074	150.3699	6.154041	141.9474	.1713728	-.001448
#3	.1878119	150.5466	6.146562	142.5857	.1723001	.000619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.407014	.1613398	1.346439	9.302544	7.564864	.0976708
Stddev	.017756	.0036733	.001975	.171003	.005734	.0013276
%RSD	.7376802	2.276727	.1466514	1.838244	.0757968	1.359250
#1	2.395673	.1574858	1.346611	9.298022	7.558266	.0976257
#2	2.427477	.1648007	1.344385	9.133846	7.568637	.0963663
#3	2.397892	.1617329	1.348322	9.475764	7.567690	.0990203

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-06 Acquired: 12/29/2024 6:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054928	11.68792	11.25549	.0482245	.7481522	.4393401
Stddev	.0005301	.02359	.02191	.0019225	.0018783	.0006526
%RSD	9.651125	.2018038	.1946963	3.986610	.2510538	.1485384
#1	.0048854	11.67722	11.23065	.0499381	.7501242	.4391507
#2	.0058622	11.67159	11.27207	.0485899	.7463844	.4400665
#3	.0057307	11.71496	11.26375	.0461455	.7479479	.4388032

Elem	Li6707
Units	ppm
Avg	.0819174
Stddev	.0030224
%RSD	3.689587
#1	.0790567
#2	.0816163
#3	.0850790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.210	28272.67	2243.612	1429.677	1666.052
Stddev	6.322	125.92	2.564	4.139	3.273
%RSD	.2820885	.4453690	.1142853	.2895044	.1964636
#1	2246.562	28134.51	2240.684	1425.544	1669.121
#2	2242.833	28302.50	2245.456	1433.822	1666.429
#3	2234.234	28380.99	2244.696	1429.666	1662.607

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-07 Acquired: 12/29/2024 7:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654901	.0010231	1.135468	.0140535	-.012330	39.72004
Stddev	.0100190	.0024669	.003146	.0062201	.002480	.09931
%RSD	15.29856	241.1157	.2770575	44.26003	20.11454	.2500311
#1	.0601989	-.001106	1.137164	.0200628	-.009521	39.60639
#2	.0592258	.003727	1.131839	.0076421	-.014217	39.76362
#3	.0770454	.000449	1.137403	.0144556	-.013251	39.79012

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3409321	.0077996	.0197994	F 1312.551	.0718777	.0666258
Stddev	.0012704	.0002236	.0000549	1.883	.0007505	.0008578
%RSD	.3726160	2.867462	.2770965	.1434660	1.044135	1.287413
#1	.3394692	.0079077	.0198613	1310.379	.0710948	.0656355
#2	.3415707	.0075424	.0197800	1313.546	.0719473	.0671370
#3	.3417566	.0079486	.0197569	1313.727	.0725909	.0671048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884763	116.4012	6.574773	705.3143	.1049874	.0002101
Stddev	.0024060	.3486	.032047	2.6139	.0003473	.0003264
%RSD	2.719363	.2994866	.4874169	.3705943	.3308233	155.3488
#1	.0912506	116.0425	6.545136	702.9475	.1048702	.0000838
#2	.0872170	116.7388	6.608781	708.1197	.1053781	-.000034
#3	.0869614	116.4223	6.570401	704.8756	.1047138	.000581

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.225427	.0927888	3.958924	8.205987	4.282398	.1205554
Stddev	.023820	.0064423	.017384	.142930	.010413	.0030296
%RSD	1.070344	6.942971	.4391189	1.741779	.2431670	2.513047
#1	2.205548	.0856659	3.942445	8.048870	4.279196	.1170659
#2	2.251829	.0944925	3.977090	8.328302	4.273962	.1225149
#3	2.218904	.0982081	3.957238	8.240790	4.294036	.1220854

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-07 Acquired: 12/29/2024 7:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030296	30.05451	9.187298	.0376059	.3556851	.4073138
Stddev	.0001828	.03201	.070392	.0023349	.0015253	.0015359
%RSD	6.033252	.1065018	.7661906	6.208774	.4288437	.3770936
#1	.0030335	30.02101	9.264141	.0349974	.3558280	.4089866
#2	.0032104	30.05776	9.171821	.0383196	.3571339	.4059670
#3	.0028449	30.08478	9.125933	.0395006	.3540933	.4069879

Elem	Li6707
Units	ppm
Avg	.0652631
Stddev	.0075509
%RSD	11.56999
#1	.0599638
#2	.0619165
#3	.0739090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.508	25986.97	2081.055	1291.068	1519.553
Stddev	7.321	30.98	4.907	9.879	6.256
%RSD	.3605555	.1191989	.2358032	.7651665	.4116984
#1	2025.997	26014.52	2075.410	1302.475	1518.620
#2	2038.955	25992.96	2083.458	1285.354	1526.224
#3	2026.571	25953.44	2084.298	1285.375	1513.817

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-08 Acquired: 12/29/2024 7:05:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482824	-.023855	6.044205	.0676958	.0108254	86.63005
Stddev	.0061250	.010071	.011995	.0053264	.0023679	.69718
%RSD	4.130636	42.21970	.1984502	7.868104	21.87338	.8047822
#1	.1544509	-.029744	6.030838	.0678913	.0134086	85.94362
#2	.1422018	-.012226	6.047749	.0622744	.0087579	86.60903
#3	.1481944	-.029595	6.054028	.0729218	.0103096	87.33751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202108	.0130859	.0142482	501.5219	.1429554	.0764282
Stddev	.006625	.0000930	.0000696	3.2877	.0002224	.0010442
%RSD	.5511219	.7106376	.4882331	.6555455	.1555423	1.366272
#1	1.196795	.0131894	.0142036	498.2650	.1427060	.0767783
#2	1.199997	.0130095	.0142127	501.4610	.1430276	.0772524
#3	1.209531	.0130588	.0143284	504.8396	.1431327	.0752540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3801559	162.6013	11.05905	279.1639	.2043417	.0028489
Stddev	.0033233	1.3272	.07999	1.9588	.0002707	.0011831
%RSD	.8742052	.8162099	.7233417	.7016734	.1324739	41.52786
#1	.3796773	161.4573	10.98492	277.3362	.2044431	.0040184
#2	.3836926	162.2903	11.04839	278.9236	.2045471	.0028755
#3	.3770979	164.0564	11.14384	281.2317	.2040350	.0016527

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27230	.1514062	2.828199	9.432902	F 11.36943	.1030520
Stddev	.25029	.0121375	.010083	.098064	.02351	.0022314
%RSD	1.538135	8.016521	.3565085	1.039595	.2067453	2.165321
#1	16.00547	.1374006	2.817879	9.327300	11.34717	.1021669
#2	16.30955	.1579600	2.828692	9.521096	11.36710	.1055901
#3	16.50188	.1588580	2.838027	9.450311	11.39401	.1013988

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-08 Acquired: 12/29/2024 7:05:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109385	11.61688	10.23589	.1177565	.8154208	.2026276
Stddev	.0005715	.02731	.11989	.0010504	.0031465	.0006621
%RSD	5.224922	.2350681	1.171232	.8919991	.3858747	.3267607
#1	.0112380	11.59146	10.11946	.1189665	.8132932	.2022453
#2	.0102795	11.61343	10.22925	.1170787	.8139341	.2022454
#3	.0112982	11.64575	10.35896	.1172244	.8190352	.2033921

Elem	Li6707
Units	ppm
Avg	.0898056
Stddev	.0005028
%RSD	.5599053
#1	.0899109
#2	.0902474
#3	.0892585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.780	30244.20	2385.072	1520.450	1632.851
Stddev	7.689	29.80	29.004	5.588	8.282
%RSD	.3212249	.0985153	1.216074	.3675539	.5072329
#1	2400.889	30222.49	2411.245	1522.811	1641.430
#2	2385.619	30278.17	2390.082	1524.471	1624.901
#3	2394.831	30231.94	2353.889	1514.069	1632.223

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-09 Acquired: 12/29/2024 7:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504136	-.027392	5.990110	.0687201	.0075708	85.91676
Stddev	.0073980	.004756	.014242	.0019911	.0042662	.28065
%RSD	4.918466	17.36372	.2377623	2.897418	56.35139	.3266509
#1	.1556288	-.027223	5.976954	.0704862	.0102807	85.59610
#2	.1419466	-.022722	5.988142	.0665622	.0026531	86.03653
#3	.1536654	-.032230	6.005234	.0691119	.0097785	86.11765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.189879	.0127552	.0141034	498.2593	.1419837	.0752499
Stddev	.002359	.0000524	.0001279	1.4770	.0004651	.0007248
%RSD	.1982534	.4111117	.9068621	.2964306	.3275586	.9631894
#1	1.188025	.0127849	.0141291	496.6006	.1425088	.0744581
#2	1.192534	.0127861	.0139645	499.4321	.1416236	.0754109
#3	1.189079	.0126947	.0142164	498.7453	.1418188	.0758807

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3745129	161.2191	10.94350	277.2830	.2018236	.0023605
Stddev	.0092268	.6848	.04340	.9274	.0007481	.0008988
%RSD	2.463674	.4247600	.3965454	.3344705	.3706762	38.07848
#1	.3850544	160.4289	10.89403	276.2224	.2015220	.0033948
#2	.3679039	161.6391	10.96132	277.9415	.2012734	.0017693
#3	.3705804	161.5892	10.97514	277.6852	.2026755	.0019173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.96470	.1628706	2.824115	9.194812	F 11.25876	.1040486
Stddev	.03352	.0086255	.015159	.157470	.02545	.0028065
%RSD	.2099569	5.295893	.5367866	1.712601	.2260389	2.697281
#1	15.97066	.1667799	2.841540	9.301509	11.25142	.1008084
#2	15.99485	.1688493	2.816840	9.268973	11.23778	.1056201
#3	15.92861	.1529828	2.813964	9.013953	11.28707	.1057173

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-09 Acquired: 12/29/2024 7:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107853	11.52038	10.14293	.1157220	.8143260	.2029595
Stddev	.0005634	.02626	.06808	.0009715	.0073440	.0008568
%RSD	5.223970	.2279371	.6712387	.8394832	.9018494	.4221654
#1	.0111302	11.50030	10.15018	.1160360	.8070803	.2037448
#2	.0101351	11.51073	10.20710	.1146324	.8141331	.2030878
#3	.0110906	11.55009	10.07151	.1164977	.8217645	.2020457

Elem	Li6707
Units	ppm
Avg	.0876028
Stddev	.0025095
%RSD	2.864651
#1	.0854096
#2	.0903396
#3	.0870594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.704	30476.93	2429.518	1528.768	1644.141
Stddev	5.393	36.11	16.546	9.164	5.620
%RSD	.2240781	.1184918	.6810487	.5994084	.3418237
#1	2412.684	30511.83	2427.379	1518.676	1649.893
#2	2405.218	30439.72	2414.146	1531.057	1643.868
#3	2402.210	30479.23	2447.030	1536.569	1638.663

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-08LX5 Acquired: 12/29/2024 7:13:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192107	.0135384	1.073446	-.005067	-.014060	12.05266	.2885530
Stddev	.0036321	.0016779	.003586	.002861	.002005	.02692	.0018989
%RSD	18.90686	12.39388	.3340769	56.46147	14.25654	.2233623	.6580604
#1	.0192275	.0122103	1.072517	-.001789	-.015362	12.06741	.2898940
#2	.0155702	.0129807	1.077406	-.006353	-.011752	12.06899	.2863802
#3	.0228344	.0154241	1.070416	-.007060	-.015067	12.02159	.2893848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026117	.0024924	104.1462	.0371810	.0367713	.0719373	39.03842
Stddev	.0002097	.0000691	.5178	.0012464	.0004097	.0075019	.23453
%RSD	8.027537	2.772827	.4972041	3.352124	1.114160	10.42834	.6007657
#1	.0027782	.0024564	104.7300	.0364431	.0372336	.0802687	39.23624
#2	.0026806	.0024487	103.7423	.0386201	.0366271	.0657176	38.77934
#3	.0023762	.0025720	103.9665	.0364800	.0364532	.0698256	39.09969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.386235	58.29979	.0350588	.0007168	.2588300	.0226473	.6344093
Stddev	.011582	.32524	.0001177	.0017491	.0094603	.0132955	.0022541
%RSD	.4853534	.5578785	.3358029	244.0159	3.655044	58.70692	.3553058
#1	2.399515	58.64941	.0349473	.0023233	.2544654	.0257286	.6318771
#2	2.380958	58.00621	.0350474	.0009736	.2523399	.0341316	.6351540
#3	2.378231	58.24373	.0351819	-.001146	.2696847	.0080816	.6361969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388428	1.469900	.0228314	.0041738	2.252154	2.384603	.0202309
Stddev	.179932	.004789	.0011569	.0003016	.001988	.025165	.0001882
%RSD	12.95941	.3258304	5.067260	7.226612	.0882925	1.055323	.9303573
#1	1.391571	1.468715	.0241587	.0045212	2.250689	2.412045	.0201037
#2	1.206946	1.465814	.0220361	.0039781	2.254418	2.379156	.0201420
#3	1.566769	1.475170	.0222996	.0040222	2.251355	2.362607	.0204472

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-08LX5 Acquired: 12/29/2024 7:13:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1440724	.0295556	.0208706
Stddev	.0043567	.0005613	.0028633
%RSD	3.023933	1.899250	13.71935
#1	.1463207	.0298448	.0230163
#2	.1390510	.0289087	.0219760
#3	.1468457	.0299134	.0176193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.256	26819.31	2041.800	1360.859	1796.959
Stddev	4.479	15.74	23.825	11.001	1.551
%RSD	.2105516	.0586846	1.166857	.8083542	.0863127
#1	2125.075	26816.29	2014.650	1369.032	1797.581
#2	2124.286	26836.34	2051.527	1365.193	1795.193
#3	2132.408	26805.30	2059.222	1348.351	1798.102

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-10 Acquired: 12/29/2024 7:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2218984	.0456543	5.262413	.2235216	.1774158	57.53943	4.786941
Stddev	.0012118	.0034584	.017060	.0009028	.0011661	.09418	.015164
%RSD	.5461095	7.575238	.3241896	.4038975	.6572771	.1636707	.3167757
#1	.2230611	.0494979	5.250754	.2234330	.1778613	57.63529	4.804353
#2	.2219912	.0446709	5.254491	.2226664	.1782935	57.53596	4.776635
#3	.2206428	.0427940	5.281994	.2244655	.1760926	57.44703	4.779835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986352	.1099507	451.0949	.5192961	1.042136	.7348632	170.1196
Stddev	.0004995	.0002021	1.1887	.0026253	.002530	.0076318	.6810
%RSD	.5063844	.1838179	.2635201	.5055524	.2427863	1.038538	.4003164
#1	.0990680	.1097213	452.3816	.5162774	1.041970	.7270176	170.7905
#2	.0987490	.1100282	450.0376	.5210455	1.039693	.7422616	170.1395
#3	.0980886	.1101026	450.8655	.5205655	1.044745	.7353105	169.4289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11918	253.2183	1.151911	.0668123	1.264679	1.022374	3.544118
Stddev	.02665	.9631	.003935	.0018690	.007217	.011886	.005858
%RSD	.2396999	.3803409	.3416375	2.797324	.5706715	1.162546	.1652992
#1	11.14895	254.2035	1.152934	.0688599	1.271117	1.034896	3.545889
#2	11.11105	253.1725	1.147565	.0663787	1.256877	1.020980	3.537579
#3	11.09754	252.2790	1.155234	.0651982	1.266043	1.011248	3.548888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.766654	7.356936	.0949239	.0095474	11.11136	10.31333	.1033196
Stddev	.193395	.011411	.0007520	.0001759	.02960	.04325	.0012657
%RSD	2.858056	.1551113	.7921813	1.842380	.2663761	.4193234	1.225073
#1	6.788460	7.347638	.0953282	.0095840	11.10708	10.28822	.1037675
#2	6.563280	7.353499	.0953872	.0093561	11.08414	10.36327	.1043006
#3	6.948221	7.369671	.0940562	.0097022	11.14287	10.28851	.1018909

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-10 Acquired: 12/29/2024 7:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6339381	.1332746	.0640469
Stddev	.0006727	.0007931	.0030339
%RSD	.1061218	.5951191	4.737026
#1	.6339597	.1324524	.0644380
#2	.6345998	.1333364	.0608363
#3	.6332549	.1340351	.0668662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.779	29228.80	2246.004	1467.740	1677.288
Stddev	3.894	94.39	7.866	5.450	1.990
%RSD	.1690478	.3229384	.3502409	.3713077	.1186693
#1	2305.443	29322.01	2253.968	1472.131	1679.432
#2	2299.329	29231.13	2238.239	1469.448	1676.932
#3	2306.565	29133.27	2245.805	1461.640	1675.499

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-11 Acquired: 12/29/2024 7:21:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166453	-.059815	6.850786	.1035135	.0271200	71.59733
Stddev	.0047746	.004193	.028011	.0005647	.0036977	.49954
%RSD	2.203869	7.009967	.4088722	.5455563	13.63442	.6977096
#1	.2183545	-.064572	6.844996	.1041653	.0234510	72.17415
#2	.2203302	-.056655	6.826123	.1031703	.0270635	71.30817
#3	.2112514	-.058218	6.881240	.1032050	.0308457	71.30968

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.043422	.0160440	.0259767	175.9536	.1844102	.0560358
Stddev	.012964	.0001665	.0001879	.8981	.0000665	.0006930
%RSD	.6344494	1.038031	.7234588	.5103907	.0360510	1.236684
#1	2.058005	.0161721	.0258422	176.9905	.1844679	.0555435
#2	2.039059	.0161043	.0261915	175.4458	.1844253	.0557356
#3	2.033202	.0158558	.0258965	175.4245	.1843375	.0568283

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273258	205.9591	10.69644	56.11791	.2542640	.0049169
Stddev	.0061134	1.5255	.06315	.29245	.0008370	.0007660
%RSD	1.159311	.7406814	.5903370	.5211305	.3291848	15.57947
#1	.5341214	207.6517	10.76911	56.41683	.2538056	.0040790
#2	.5222734	205.5349	10.66529	56.10452	.2552301	.0050902
#3	.5255826	204.6905	10.65492	55.83240	.2537563	.0055814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143063	.1927897	4.605315	6.901401	F 12.73098	.1188289
Stddev	.017154	.0106247	.031294	.144675	.05511	.0029033
%RSD	1.500746	5.511053	.6795153	2.096310	.4328544	2.443305
#1	1.126942	.2018001	4.590615	7.050481	12.70293	.1215734
#2	1.141156	.1810737	4.584078	6.892146	12.69554	.1157892
#3	1.161091	.1954952	4.641253	6.761576	12.79447	.1191242

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-11 Acquired: 12/29/2024 7:21:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114559	6.346753	11.01358	.1606941	.8636351	.3950639
Stddev	.0008681	.012985	.05429	.0013825	.0061229	.0014747
%RSD	7.577384	.2045926	.4929387	.8603246	.7089649	.3732690
#1	.0112592	6.342595	11.07164	.1604606	.8697171	.3967589
#2	.0124055	6.336356	11.00505	.1621785	.8574721	.3943568
#3	.0107032	6.361307	10.96407	.1594433	.8637162	.3940759

Elem	Li6707
Units	ppm
Avg	.0838031
Stddev	.0011137
%RSD	1.328965
#1	.0850744
#2	.0833350
#3	.0829998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.118	32002.44	2446.233	1635.034	1836.633
Stddev	4.874	264.02	18.967	10.309	6.533
%RSD	.1919443	.8250060	.7753365	.6305204	.3556981
#1	2540.057	31753.09	2425.484	1631.708	1840.050
#2	2543.453	32279.03	2450.538	1646.596	1840.748
#3	2533.843	31975.20	2462.677	1626.799	1829.100

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-12 Acquired: 12/29/2024 7:24:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652112	.0160076	1.681008	.0022810	-.011534	31.05207
Stddev	.0023881	.0038397	.002187	.0038426	.000405	.08451
%RSD	3.662145	23.98657	.1301151	168.4604	3.513952	.2721536
#1	.0625819	.0164088	1.680228	.0029160	-.011151	31.14459
#2	.0672458	.0119831	1.679319	.0057667	-.011959	31.03268
#3	.0658058	.0196309	1.683479	-.001840	-.011493	30.97894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7621284	.0061586	.0056375	798.5427	.0681042	.0659646
Stddev	.0022090	.0002157	.0000575	1.6673	.0009591	.0010399
%RSD	.2898471	3.502756	1.019489	.2087963	1.408314	1.576407
#1	.7645071	.0061340	.0055759	799.6364	.0670101	.0671635
#2	.7601416	.0059562	.0056896	799.3681	.0688002	.0654226
#3	.7617364	.0063856	.0056471	796.6237	.0685022	.0653077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556504	77.93609	7.267562	35.18007	.0954738	.0009090
Stddev	.0026454	.18042	.025906	.24111	.0009514	.0007807
%RSD	1.699551	.2314955	.3564655	.6853720	.9965548	85.88153
#1	.1586218	78.10936	7.281172	35.05675	.0962485	.0014687
#2	.1535514	77.94962	7.283826	35.45790	.0944118	.0000172
#3	.1547780	77.74928	7.237687	35.02556	.0957611	.0012411

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045305	.0618777	.9822755	2.858672	F 11.48957	.0542109
Stddev	.010920	.0107143	.0036717	.108183	.01381	.0022874
%RSD	1.044706	17.31533	.3737967	3.784390	.1201975	4.219379
#1	1.044360	.0495169	.9858933	2.853334	11.48150	.0559824
#2	1.034888	.0676042	.9823809	2.969425	11.48169	.0550216
#3	1.056667	.0685119	.9785522	2.753256	11.50551	.0516286

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-12 Acquired: 12/29/2024 7:24:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028696	1.702966	7.283779	.0577447	.3265786	.7722876
Stddev	.0004086	.002482	.018004	.0026930	.0050191	.0007991
%RSD	14.23913	.1457230	.2471778	4.663687	1.536882	.1034648
#1	.0033169	1.701272	7.270693	.0588108	.3250486	.7727511
#2	.0025159	1.701813	7.276333	.0546818	.3321847	.7713650
#3	.0027761	1.705815	7.304311	.0597413	.3225025	.7727468

Elem	Li6707
Units	ppm
Avg	.0447159
Stddev	.0021422
%RSD	4.790610
#1	.0471882
#2	.0434117
#3	.0435478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.871	30313.69	2332.154	1529.885	1728.045
Stddev	7.479	93.94	3.653	7.076	5.678
%RSD	.3106165	.3098954	.1566376	.4625225	.3285681
#1	2402.912	30264.24	2336.372	1525.035	1724.113
#2	2416.473	30254.80	2330.094	1526.615	1734.555
#3	2404.226	30422.03	2329.996	1538.004	1725.469

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-13 Acquired: 12/29/2024 7:28:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104664	-.011125	2.085001	.0431758	-.002087	53.90796	.8955143
Stddev	.0042800	.004386	.003210	.0085245	.000801	.29869	.0038351
%RSD	3.874472	39.42665	.1539647	19.74378	38.37912	.5540765	.4282620
#1	.1116006	-.014253	2.082786	.0338320	-.001190	54.25183	.8999395
#2	.1057336	-.013011	2.088683	.0505287	-.002340	53.71300	.8934499
#3	.1140651	-.006111	2.083534	.0451668	-.002732	53.75904	.8931536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097184	.0066646	776.5418	.0941841	.0800293	.3214481	142.4882
Stddev	.0001254	.0000545	5.0619	.0001617	.0009001	.0084536	.8448
%RSD	1.290293	.8184407	.6518465	.1716623	1.124760	2.629846	.5929060
#1	.0098421	.0067261	782.2436	.0943460	.0804194	.3294892	143.4410
#2	.0097215	.0066458	772.5776	.0941837	.0789999	.3222201	142.1930
#3	.0095914	.0066219	774.8043	.0940227	.0806686	.3126350	141.8306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48602	72.14789	.1483871	.0030579	1.264312	.1164917	1.082118
Stddev	.07381	.47845	.0010905	.0009530	.011795	.0028277	.003546
%RSD	.5911805	.6631451	.7348770	31.16562	.9329570	2.427387	.3277128
#1	12.57125	72.68079	.1494060	.0025744	1.251349	.1163860	1.078282
#2	12.44414	72.00759	.1485183	.0024435	1.267177	.1193708	1.085278
#3	12.44267	71.75527	.1472370	.0041557	1.274412	.1137184	1.082793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.821591	8.414337	.0976231	.0041859	2.305820	9.808812	.0676059
Stddev	.152169	.020479	.0025745	.0005621	.005942	.119673	.0012382
%RSD	1.945505	.2433853	2.637176	13.42761	.2576784	1.220060	1.831471
#1	7.645884	8.391059	.0947647	.0045210	2.303179	9.943770	.0677019
#2	7.910349	8.422368	.0997594	.0035370	2.301657	9.767048	.0687932
#3	7.908541	8.429583	.0983453	.0044998	2.312624	9.715616	.0663224

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-13 Acquired: 12/29/2024 7:28:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4798359	.7122716	.0843482
Stddev	.0018185	.0059111	.0033327
%RSD	.3789823	.8298920	3.951166
#1	.4793124	.7178657	.0877362
#2	.4783366	.7060877	.0842347
#3	.4818587	.7128613	.0810736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.988	30025.12	2360.220	1511.928	1694.703
Stddev	6.189	97.87	24.935	1.493	2.474
%RSD	.2587321	.3259735	1.056476	.0987544	.1459593
#1	2386.106	29999.48	2331.453	1513.465	1694.345
#2	2398.444	30133.26	2375.648	1511.836	1697.336
#3	2391.414	29942.62	2373.560	1510.483	1692.428

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-14 Acquired: 12/29/2024 7:32:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168396	-.023594	1.238782	.0616099	.0092609	67.59520
Stddev	.0051916	.004677	.000253	.0118642	.0043373	3.04108
%RSD	4.443333	19.82232	.0203866	19.25704	46.83478	4.498954
#1	.1144419	-.019303	1.239071	.0583509	.0128707	65.06421
#2	.1227966	-.028579	1.238668	.0747630	.0044495	70.96871
#3	.1132802	-.022900	1.238606	.0517157	.0104625	66.75269

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.149990	.0105639	.0076683	210.2881	.1915789	.0643101
Stddev	.051121	.0004225	.0001892	9.5962	.0054922	.0033021
%RSD	4.445307	3.999615	2.466933	4.563376	2.866801	5.134572
#1	1.106914	.0101535	.0076881	202.1715	.1902631	.0672457
#2	1.206480	.0109976	.0074700	220.8793	.1868642	.0607351
#3	1.136576	.0105406	.0078467	207.8135	.1976095	.0649494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3075102	150.4575	12.00779	58.94271	.2018931	.0047704
Stddev	.0154167	6.6067	.50733	2.40277	.0001465	.0011831
%RSD	5.013389	4.391053	4.225011	4.076442	.0725579	24.80046
#1	.2969201	145.0344	11.58169	56.88716	.2019465	.0039840
#2	.3251972	157.8156	12.56900	61.58427	.2020055	.0061310
#3	.3004132	148.5226	11.87267	58.35670	.2017275	.0041961

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4911760	.1627078	1.817959	10.24887	F 11.59188	.0987406
Stddev	.0161026	.0014986	.054720	.69097	.03662	.0030905
%RSD	3.278383	.9210269	3.009964	6.741908	.3159348	3.129947
#1	.4862149	.1636255	1.807214	9.62940	11.56662	.0957946
#2	.5091754	.1609784	1.769409	10.99407	11.57514	.1019578
#3	.4781377	.1635193	1.877254	10.12314	11.63388	.0984693

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-14 Acquired: 12/29/2024 7:32:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100495	4.687602	11.03102	.0566316	.7146045	.1133573
Stddev	.0004479	.032600	.37040	.0008926	.0296234	.0063082
%RSD	4.457224	.6954505	3.357812	1.576216	4.145420	5.564851
#1	.0097665	4.684000	10.76294	.0564044	.6879527	.1076138
#2	.0105659	4.656952	11.45368	.0558745	.7464993	.1201088
#3	.0098160	4.721853	10.87645	.0576158	.7093615	.1123494

Elem	Li6707
Units	ppm
Avg	.0846054
Stddev	.0023217
%RSD	2.744167
#1	.0833372
#2	.0872850
#3	.0831940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.513	29948.94	2291.677	1522.137	1795.131
Stddev	10.820	688.15	87.922	38.714	6.382
%RSD	.4581995	2.297741	3.836570	2.543419	.3555208
#1	2362.436	30214.92	2364.537	1537.535	1796.779
#2	2371.843	30464.41	2194.019	1550.783	1800.527
#3	2350.262	29167.50	2316.473	1478.093	1788.086

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-15 Acquired: 12/29/2024 7:36:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366038	-.031582	1.936084	.0752086	.0117498	75.94944
Stddev	.0032973	.004755	.004953	.0028437	.0068105	.43399
%RSD	2.413794	15.05508	.2558325	3.781022	57.96230	.5714251
#1	.1391171	-.032669	1.935103	.0731222	.0131371	75.88450
#2	.1328702	-.035698	1.931694	.0740559	.0177599	76.41224
#3	.1378239	-.026377	1.941454	.0784476	.0043525	75.55157

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380072	.0121758	.0107422	375.8682	.2482758	.0666330
Stddev	.006212	.0001970	.0001203	1.7433	.0012539	.0014941
%RSD	.4501272	1.618303	1.120221	.4637980	.5050515	2.242325
#1	1.377748	.0124013	.0108181	375.8627	.2471736	.0682862
#2	1.387111	.0120894	.0106035	377.6142	.2496401	.0653790
#3	1.375358	.0120368	.0108051	374.1277	.2480138	.0662339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3776713	178.9371	11.82863	156.0853	.2500111	.0050311
Stddev	.0079681	.7226	.07503	.9400	.0008152	.0004617
%RSD	2.109805	.4038186	.6342800	.6022110	.3260629	9.176581
#1	.3864307	178.8152	11.82112	155.8329	.2491592	.0049761
#2	.3708532	179.7128	11.90714	157.1257	.2500904	.0055178
#3	.3757301	178.2832	11.75765	155.2973	.2507837	.0045994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7031714	.1954756	3.560030	10.28877	F 14.71210	.1103128
Stddev	.0165973	.0038395	.019742	.12877	.03213	.0012727
%RSD	2.360349	1.964190	.5545400	1.251558	.2183781	1.153729
#1	.6857074	.1995077	3.561952	10.35094	14.72660	.1112665
#2	.7187391	.1918632	3.578740	10.37466	14.67528	.1088676
#3	.7050679	.1950559	3.539397	10.14072	14.73442	.1108042

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-15 Acquired: 12/29/2024 7:36:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088638	6.629655	11.76899	.0480632	.6607938	.1533302
Stddev	.0004884	.014072	.11142	.0002567	.0067897	.0009598
%RSD	5.510147	.2122553	.9467013	.5341329	1.027500	.6259750
#1	.0083084	6.643300	11.74688	.0483591	.6557835	.1528767
#2	.0090565	6.615192	11.88980	.0479305	.6685212	.1544327
#3	.0092264	6.630472	11.67028	.0479000	.6580768	.1526811

Elem	Li6707
Units	ppm
Avg	.1027000
Stddev	.0026103
%RSD	2.541674
#1	.1050406
#2	.1031743
#3	.0998851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.979	30852.16	2398.811	1553.187	1719.578
Stddev	9.147	143.37	14.389	4.725	6.683
%RSD	.3758001	.4646930	.5998243	.3042005	.3886452
#1	2444.522	30732.54	2392.817	1548.023	1727.280
#2	2428.159	31011.08	2388.388	1554.244	1716.135
#3	2429.257	30812.88	2415.227	1557.294	1715.318

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-16 Acquired: 12/29/2024 7:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919068	-.013970	1.218307	.0467966	.0066163	58.24132
Stddev	.0045378	.000930	.007048	.0079565	.0055814	.46034
%RSD	4.937362	6.654398	.5785178	17.00222	84.35884	.7903996
#1	.0928600	-.014875	1.210209	.0536801	.0129648	57.72643
#2	.0869682	-.013017	1.221650	.0486244	.0024803	58.38437
#3	.0958923	-.014019	1.223061	.0380853	.0044038	58.61315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062315	.0096919	.0078480	599.7201	.1770514	.0706007
Stddev	.008023	.0001131	.0001101	4.7286	.0013827	.0012706
%RSD	.7552402	1.167144	1.403278	.7884699	.7809634	1.799743
#1	1.053174	.0097637	.0077508	594.4216	.1786360	.0715646
#2	1.065581	.0095615	.0078258	601.2275	.1764278	.0710765
#3	1.068189	.0097504	.0079676	603.5113	.1760903	.0691608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3034269	145.9440	12.78613	206.2583	.1818357	.0044288
Stddev	.0042843	1.2922	.10448	1.8517	.0003299	.0016533
%RSD	1.411976	.8854131	.8171280	.8977353	.1814293	37.33118
#1	.3017837	144.4900	12.66899	204.1366	.1821807	.0036418
#2	.3082895	146.3812	12.81973	207.0900	.1815233	.0033160
#3	.3002074	146.9610	12.86968	207.5481	.1818031	.0063287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9481166	.1287987	2.325056	7.422932	F 10.64367	.0916672
Stddev	.0192050	.0018708	.006508	.194353	.01656	.0023447
%RSD	2.025591	1.452466	.2799198	2.618280	.1556033	2.557820
#1	.9696178	.1305924	2.331850	7.220283	10.62512	.0889613
#2	.9326644	.1289443	2.318878	7.440752	10.64889	.0929434
#3	.9420675	.1268594	2.324439	7.607762	10.65699	.0930970

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-16 Acquired: 12/29/2024 7:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084067	4.036370	11.65860	.0594448	.6213400	.3637660
Stddev	.0006288	.010188	.07699	.0020213	.0032382	.0029478
%RSD	7.479288	.2523959	.6603986	3.400284	.5211557	.8103596
#1	.0077618	4.030140	11.72789	.0574734	.6180080	.3607337
#2	.0090180	4.048127	11.57572	.0593485	.6215368	.3639429
#3	.0084403	4.030843	11.67221	.0615125	.6244753	.3666214

Elem	Li6707
Units	ppm
Avg	.0823332
Stddev	.0023424
%RSD	2.845026
#1	.0826381
#2	.0798532
#3	.0845082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.458	28528.22	2235.786	1431.975	1620.756
Stddev	6.376	71.84	4.683	7.440	2.732
%RSD	.2849850	.2518102	.2094505	.5195625	.1685582
#1	2232.759	28451.09	2230.379	1425.334	1617.724
#2	2234.898	28540.34	2238.405	1430.575	1621.516
#3	2244.716	28593.22	2238.573	1440.015	1623.027

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-17 Acquired: 12/29/2024 7:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704485	-.060332	2.731081	.0992729	.0441176	50.95662	1.295576
Stddev	.0034282	.001851	.008257	.0011031	.0041227	.19541	.006358
%RSD	2.011251	3.068177	.3023400	1.111188	9.344919	.3834757	.4907092
#1	.1715738	-.058308	2.735889	.1005009	.0407014	50.74388	1.290529
#2	.1665991	-.060750	2.721547	.0989517	.0486970	51.12811	1.302717
#3	.1731725	-.061938	2.735808	.0983659	.0429544	50.99788	1.293483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142320	.0063184	338.2181	.0969678	.0303833	.8606686	222.4062
Stddev	.0000920	.0001685	1.7056	.0003054	.0006392	.0043157	1.2322
%RSD	.6466621	2.666849	.5042851	.3149104	2.103801	.5014340	.5540190
#1	.0142168	.0063872	336.3542	.0966194	.0307562	.8556975	221.3374
#2	.0143306	.0061264	339.7008	.0970951	.0296452	.8634559	223.7539
#3	.0141485	.0064417	338.5993	.0971889	.0307484	.8628525	222.1273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.802977	72.25676	.1703466	.0015646	.8062404	.1568743	1.508474
Stddev	.038127	.59963	.0009055	.0003158	.0568568	.0065042	.006324
%RSD	.4886163	.8298651	.5315602	20.18701	7.052085	4.146112	.4192157
#1	7.760243	71.65959	.1695383	.0018966	.7778899	.1571607	1.509849
#2	7.833510	72.85883	.1701764	.0015290	.8716980	.1502317	1.501576
#3	7.815177	72.25186	.1713251	.0012680	.7691332	.1632306	1.513997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.021558	9.560984	.1148425	.0099132	3.829467	10.28449	.4440737
Stddev	.063449	.029245	.0023504	.0004300	.008474	.05530	.0046625
%RSD	.9036357	.3058781	2.046626	4.337119	.2212796	.5376884	1.049927
#1	6.973554	9.571806	.1128487	.0098166	3.837382	10.31834	.4387015
#2	7.093492	9.527870	.1142447	.0095397	3.820528	10.31445	.4470650
#3	6.997627	9.583275	.1174341	.0103832	3.830490	10.22068	.4464545

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-17 Acquired: 12/29/2024 7:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7298453	.2880738	.0775454
Stddev	.0147946	.0008203	.0023571
%RSD	2.027082	.2847449	3.039659
#1	.7210994	.2888207	.0748826
#2	.7469269	.2882048	.0783887
#3	.7215095	.2871959	.0793649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.950	29669.55	2282.398	1495.310	1770.987
Stddev	7.815	243.05	19.943	6.318	5.298
%RSD	.3331146	.8191897	.8737938	.4225540	.2991293
#1	2336.939	29870.07	2288.754	1498.329	1766.168
#2	2350.044	29399.24	2260.051	1488.048	1776.660
#3	2350.867	29739.33	2298.389	1499.552	1770.132

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5035-18 Acquired: 12/29/2024 7:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1587798	-.030626	7.492044	.0792946	.2507722	66.73649
Stddev	.0036023	.004104	.013651	.0015196	.0024612	.08535
%RSD	2.268753	13.39996	.1822123	1.916394	.9814552	.1278909
#1	.1620840	-.028441	7.476442	.0797663	.2480585	66.64876
#2	.1549394	-.028078	7.501795	.0805224	.2513981	66.81924
#3	.1593159	-.035361	7.497893	.0775951	.2528601	66.74148

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.485101	.0124410	.0085558	169.2591	.1064368	.0666123
Stddev	.001613	.0000250	.0000967	.3170	.0011893	.0003863
%RSD	.1085958	.2005202	1.130143	.1872619	1.117416	.5799913
#1	1.486328	.0124574	.0084549	168.8952	.1053556	.0662214
#2	1.485699	.0124534	.0085649	169.4066	.1062440	.0669939
#3	1.483274	.0124123	.0086477	169.4753	.1077107	.0666216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6229749	171.3754	14.46313	49.43640	.1788509	.0028450
Stddev	.0019571	.4239	.00534	.16092	.0001354	.0012547
%RSD	.3141494	.2473415	.0369309	.3255124	.0757301	44.10104
#1	.6209762	171.0069	14.45733	49.29077	.1787138	.0026396
#2	.6230611	171.2806	14.46420	49.40927	.1789846	.0017057
#3	.6248875	171.8387	14.46785	49.60916	.1788544	.0041897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131689	.1660497	1.223441	8.406937	F 13.14979	.0946948
Stddev	.0089063	.0052693	.001600	.066113	.04115	.0025640
%RSD	1.735556	3.173307	.1307633	.7864055	.3129089	2.707619
#1	.5161013	.1703287	1.223551	8.419518	13.10231	.0957025
#2	.5031661	.1676561	1.224984	8.335438	13.17198	.0917800
#3	.5202393	.1601642	1.221790	8.465855	13.17507	.0966018

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-18 Acquired: 12/29/2024 7:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116402	3.762622	10.72411	1.821732	.5208398	.1460284
Stddev	.0004926	.006022	.01379	.005718	.0033467	.0002910
%RSD	4.231543	.1600571	.1286239	.3138867	.6425532	.1992711
#1	.0111977	3.756365	10.71330	1.815175	.5227004	.1463027
#2	.0121709	3.763124	10.73965	1.825683	.5228428	.1460593
#3	.0115519	3.768378	10.71938	1.824338	.5169763	.1457232

Elem	Li6707
Units	ppm
Avg	.1056015
Stddev	.0029508
%RSD	2.794251
#1	.1032005
#2	.1088957
#3	.1047083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.193	33535.71	2610.597	1697.695	1836.625
Stddev	15.038	44.33	3.161	5.618	7.249
%RSD	.5627696	.1321820	.1210807	.3309417	.3946778
#1	2689.215	33552.66	2612.108	1704.068	1844.954
#2	2666.655	33569.06	2606.964	1695.558	1833.180
#3	2660.708	33485.40	2612.719	1693.459	1831.742

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-19 Acquired: 12/29/2024 7:51:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539405	-.021921	2.055378	.0829920	.0444455	68.44779
Stddev	.0088895	.006488	.005555	.0011248	.0047705	.25950
%RSD	5.774637	29.59687	.2702806	1.355364	10.73342	.3791254
#1	.1438982	-.022925	2.053419	.0819261	.0443728	68.15209
#2	.1571213	-.027848	2.051068	.0828821	.0397117	68.55362
#3	.1608020	-.014990	2.061648	.0841677	.0492519	68.63764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408067	.0121600	.0089444	225.9861	.1138227	.0707517
Stddev	.005643	.0002444	.0001817	.6075	.0011291	.0001179
%RSD	.4007572	2.010008	2.031696	.2688040	.9919524	.1666768
#1	1.401577	.0119142	.0089834	225.6166	.1146245	.0707018
#2	1.410802	.0121628	.0087464	225.6545	.1143121	.0706670
#3	1.411821	.0124031	.0091035	226.6872	.1125315	.0708864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3948208	163.4904	15.96119	30.27891	.1800402	.0047090
Stddev	.0100397	.4785	.06938	.26407	.0008140	.0001086
%RSD	2.542838	.2927017	.4346910	.8721357	.4521173	2.306860
#1	.4063319	162.9828	15.90149	29.97791	.1808093	.0045877
#2	.3902545	163.5552	15.94477	30.47168	.1801237	.0047419
#3	.3878759	163.9333	16.03731	30.38713	.1791877	.0047974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5084565	.1499712	1.006061	8.412418	F 13.08662	.0860267
Stddev	.0044978	.0060983	.003248	.149754	.03393	.0012162
%RSD	.8846027	4.066288	.3228147	1.780149	.2592695	1.413723
#1	.5061103	.1548441	1.002327	8.367942	13.05349	.0874278
#2	.5056169	.1519370	1.007626	8.289941	13.08508	.0852439
#3	.5136423	.1431325	1.008230	8.579372	13.12130	.0854084

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-19 Acquired: 12/29/2024 7:51:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135334	3.936822	10.69493	.2281838	.4518470	.2007268
Stddev	.0007415	.014029	.11166	.0027146	.0017281	.0010254
%RSD	5.479178	.3563620	1.044048	1.189672	.3824605	.5108589
#1	.0142987	3.920625	10.56653	.2273999	.4498756	.2002502
#2	.0134832	3.945183	10.74896	.2259474	.4531005	.2000263
#3	.0128182	3.944658	10.76929	.2312041	.4525649	.2019037

Elem	Li6707
Units	ppm
Avg	.0992918
Stddev	.0005414
%RSD	.5452157
#1	.0989262
#2	.0990356
#3	.0999137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.206	34590.51	2677.599	1754.647	1845.517
Stddev	4.802	84.77	27.930	6.387	.669
%RSD	.1741601	.2450715	1.043101	.3640101	.0362670
#1	2751.788	34535.78	2709.832	1760.999	1845.317
#2	2760.938	34547.59	2660.570	1748.225	1846.263
#3	2758.891	34688.16	2662.393	1754.718	1844.970

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV037 Acquired: 12/29/2024 7:55:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.140308	4.800212	24.62472	5.063462	4.961454	400.3039	9.972228
Stddev	.021131	.009044	.06507	.017746	.009966	6.3863	.164294
%RSD	.4110912	.1884099	.2642489	.3504636	.2008710	1.595365	1.647516
#1	5.122274	4.798594	24.69334	5.049399	4.952843	403.1428	10.05659
#2	5.163559	4.792086	24.56389	5.083400	4.972371	404.7784	10.07720
#3	5.135092	4.809956	24.61694	5.057588	4.959147	392.9903	9.78289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5003622	2.481599	398.6445	15.41791	2.400548	14.63346	401.8132
Stddev	.0095114	.005695	5.9973	.12318	.007219	.24517	6.9035
%RSD	1.900894	.2294899	1.504422	.7989175	.3007120	1.675437	1.718076
#1	.5084723	2.486754	401.5605	15.52286	2.405664	14.76388	404.2422
#2	.5027209	2.475485	402.6262	15.44857	2.392291	14.78586	407.1739
#3	.4898935	2.482558	391.7468	15.28230	2.403689	14.35064	394.0236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.42599	395.5364	2.495868	1.270064	402.9175	2.437387	15.00201
Stddev	.23711	6.5525	.005385	.009836	5.3624	.043925	.10121
%RSD	1.643601	1.656599	.2157762	.7744802	1.330897	1.802121	.6746231
#1	14.54738	397.6576	2.501444	1.277531	407.7680	2.459254	15.11220
#2	14.57783	400.7654	2.490696	1.273742	403.8254	2.466087	14.98062
#3	14.15277	388.1861	2.495464	1.258918	397.1591	2.386821	14.91320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.7139	5.003039	4.897165	4.956301	5.062166	4.773649	5.017874
Stddev	2.2514	.004057	.085958	.008566	.006428	.086017	.016403
%RSD	1.503773	.0810953	1.755255	.1728304	.1269750	1.801918	.3268921
#1	151.2278	4.998376	4.971620	4.946678	5.067380	4.855625	5.036587
#2	150.7871	5.004981	4.916779	4.959130	5.054984	4.781230	5.005982
#3	147.1267	5.005761	4.803095	4.963094	5.064133	4.684093	5.011053

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCV037 Acquired: 12/29/2024 7:55:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.890569	4.687843	5.057244
Stddev	.084460	.067711	.080757
%RSD	1.727006	1.444399	1.596858
#1	4.924493	4.730554	5.091412
#2	4.952794	4.723202	5.115301
#3	4.794422	4.609772	4.965020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.265	23807.71	1970.137	1148.652	1559.736
Stddev	7.732	79.71	22.651	.815	10.033
%RSD	.4194491	.3348029	1.149738	.0709362	.6432311
#1	1838.572	23789.30	1952.184	1149.516	1550.647
#2	1852.188	23738.82	1962.641	1147.897	1570.501
#3	1839.034	23895.01	1995.587	1148.542	1558.059

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB037 Acquired: 12/29/2024 7:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.004171	-.000151	.0002305	-.001563	-.001917	.0085760
Stddev	.004421	.003692	.0006320	.003296	.001191	.0277040
%RSD	105.9828	2439.372	274.1476	210.8187	62.13518	323.0421
#1	.000789	.002912	.0001303	-.001761	-.000607	.0357403
#2	-.007695	-.004250	-.000345	.001827	-.002209	.0096255
#3	-.005608	.000885	.000907	-.004756	-.002935	-.019638

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000486	.0000657	.0000254	.0128993	.0006833	.0001699
Stddev	.000187	.0000969	.0000428	.0291238	.0005985	.0001238
%RSD	38.49690	147.4845	168.3979	225.7777	87.58177	72.83457
#1	-.000308	.0001229	.0000033	-.019145	.0005954	.0001003
#2	-.000681	-.000046	-.000002	.020085	.0013209	.0000967
#3	-.000468	.000121	.000075	.037758	.0001337	.0003128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002393	.0099732	.0003327	.0037057	.0003002	.0001253
Stddev	.002527	.0176129	.0008153	.0532237	.0003398	.0001785
%RSD	105.5948	176.6010	245.0231	1436.251	113.1979	142.4123
#1	-.004090	.0128269	.0012665	-.056806	.0000336	-.000081
#2	.000511	.0259850	-.000238	.043262	.0006828	.000225
#3	-.003600	-.008892	-.000030	.024661	.0001841	.000232

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415786	-.018388	.0029842	.1202954	.0037360	.0103404
Stddev	.0094558	.006012	.0004803	.0435456	.0024227	.0016576
%RSD	22.74188	32.69299	16.09663	36.19893	64.84727	16.03004
#1	.0523180	-.024347	.0035300	.1072436	.0055331	.0101720
#2	.0345027	-.012325	.0027969	.1688744	.0046940	.0120758
#3	.0379152	-.018492	.0026257	.0847682	.0009808	.0087735

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB037 Acquired: 12/29/2024 7:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	.0007120	.0019051	.0003104	.0011220	.0044244	.0001045
Stddev	.0001596	.0028207	.0001008	.0009543	.0014882	.0001989
%RSD	22.42026	148.0622	32.45989	85.05172	33.63600	190.2569
#1	.0005463	.0023217	.0002050	.0015842	.0045773	-.000122
#2	.0007250	-.001101	.0003206	.0000246	.0028657	.000251
#3	.0008647	.004494	.0004058	.0017572	.0058303	.000185

Elem	Li6707
Units	ppm
Avg	F .0270958
Stddev	.0040683
%RSD	15.01462
#1	.0245892
#2	.0317899
#3	.0249083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.591	25926.85	1975.636	1314.068	1857.923
Stddev	10.443	167.83	8.701	10.174	6.773
%RSD	.5075165	.6473027	.4403904	.7742243	.3645564
#1	2047.646	26069.50	1966.523	1324.756	1852.073
#2	2068.469	25741.93	1983.854	1304.501	1865.343
#3	2056.659	25969.12	1976.533	1312.949	1856.353

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-20 Acquired: 12/29/2024 8:03:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766975	.0307425	.6724285	.0235605	-.003619	46.46861
Stddev	.0090901	.0059854	.0037362	.0091551	.002920	.12942
%RSD	11.85188	19.46954	.5556281	38.85791	80.68176	.2785182
#1	.0844772	.0308568	.6755793	.0206446	-.006847	46.59798
#2	.0667054	.0247007	.6683010	.0162184	-.002846	46.33913
#3	.0789098	.0366699	.6734052	.0338183	-.001163	46.46871

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.576160	.0083097	.0067142	F 2250.325	.0781788	.0959698
Stddev	.004071	.0000684	.0000712	32.979	.0005282	.0002135
%RSD	.2582800	.8234041	1.060275	1.465537	.6756679	.2224597
#1	1.580777	.0083839	.0067942	2264.188	.0787692	.0958957
#2	1.573086	.0082491	.0066580	2274.110	.0777509	.0962105
#3	1.574618	.0082961	.0066902	2212.677	.0780162	.0958033

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2649383	121.3364	19.09625	60.17673	.1684492	.0027818
Stddev	.0050006	.4300	.04128	.20322	.0006878	.0008469
%RSD	1.887440	.3544214	.2161562	.3377029	.4082993	30.44262
#1	.2602625	121.8206	19.13881	60.37651	.1683151	.0034388
#2	.2702102	120.9990	19.05638	59.97024	.1678383	.0018261
#3	.2643424	121.1896	19.09355	60.18344	.1691941	.0030806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.391459	.0852032	.4871894	4.491174	9.378990	.0812555
Stddev	.033397	.0143655	.0035207	.143030	.003500	.0027124
%RSD	2.400125	16.86024	.7226607	3.184699	.0373207	3.338156
#1	1.423559	.0878534	.4911150	4.510603	9.377214	.0798747
#2	1.356901	.0980590	.4843113	4.623497	9.383023	.0795112
#3	1.393916	.0696971	.4861418	4.339423	9.376734	.0843805

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-20 Acquired: 12/29/2024 8:03:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000389	4.673208	8.156772	.0822705	.1856943	1.944307
Stddev	.000364	.017319	.055236	.0027505	.0025496	.004828
%RSD	93.46437	.3705955	.6771830	3.343212	1.373001	.2483319
#1	.000030	4.676958	8.220110	.0790945	.1861259	1.945183
#2	-.000618	4.654321	8.131604	.0838522	.1880005	1.948638
#3	-.000580	4.688344	8.118602	.0838648	.1829564	1.939101

Elem	Li6707
Units	ppm
Avg	.0790635
Stddev	.0029005
%RSD	3.668569
#1	.0821550
#2	.0786335
#3	.0764020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.869	30991.93	2570.834	1568.903	1504.731
Stddev	4.707	139.54	13.652	6.607	3.973
%RSD	.1909759	.4502589	.5310405	.4211042	.2640332
#1	2470.287	31119.86	2565.366	1568.202	1508.028
#2	2462.536	30843.12	2560.764	1562.675	1505.847
#3	2461.784	31012.81	2586.373	1575.832	1500.320

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-21 Acquired: 12/29/2024 8:07:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966098	-.020541	1.030037	.0513932	.0101914	60.08708
Stddev	.0063312	.007334	.007238	.0058849	.0034181	.32101
%RSD	6.553328	35.70547	.7027268	11.45065	33.53884	.5342439
#1	.0914349	-.027523	1.024287	.0574254	.0129608	59.75477
#2	.1036693	-.021202	1.027659	.0510865	.0112421	60.39545
#3	.0947253	-.012899	1.038166	.0456677	.0063713	60.11103

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9146888	.0091871	.0058651	170.7042	.1686092	.0546822
Stddev	.0039529	.0002467	.0001083	.8786	.0017600	.0006634
%RSD	.4321627	2.684810	1.847180	.5146886	1.043829	1.213151
#1	.9101244	.0092318	.0059369	170.1167	.1668760	.0541028
#2	.9169671	.0094085	.0057405	171.7142	.1685567	.0545380
#3	.9169750	.0089212	.0059180	170.2817	.1703948	.0554059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2726260	132.4728	8.466176	46.35163	.1778915	.0027544
Stddev	.0023821	.8220	.045545	.35967	.0007305	.0006251
%RSD	.8737744	.6204769	.5379689	.7759643	.4106738	22.69498
#1	.2744873	131.6031	8.413612	45.97278	.1772481	.0020349
#2	.2699414	133.2367	8.493906	46.68842	.1777408	.0030642
#3	.2734491	132.5787	8.491011	46.39370	.1786857	.0031641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4267311	.1361199	1.586626	8.991159	F 10.60920	.1084154
Stddev	.0084679	.0027883	.008181	.073061	.06268	.0005200
%RSD	1.984358	2.048441	.5156316	.8125920	.5907677	.4796126
#1	.4221203	.1329120	1.580797	9.013890	10.56360	.1083705
#2	.4215692	.1374862	1.583102	9.050154	10.58335	.1079194
#3	.4365038	.1379616	1.595979	8.909435	10.68067	.1089564

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-21 Acquired: 12/29/2024 8:07:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096423	4.519279	10.73671	.0516317	.7011965	.1115237
Stddev	.0010282	.031351	.08314	.0007307	.0051641	.0009888
%RSD	10.66311	.6937189	.7743074	1.415250	.7364703	.8866484
#1	.0086128	4.489244	10.75459	.0513412	.7004356	.1118466
#2	.0106691	4.516795	10.80945	.0524630	.7066988	.1123108
#3	.0096450	4.551798	10.64608	.0510909	.6964550	.1104138

Elem	Li6707
Units	ppm
Avg	.0774566
Stddev	.0049540
%RSD	6.395905
#1	.0717365
#2	.0802607
#3	.0803726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.662	29870.01	2337.073	1524.739	1848.129
Stddev	12.447	138.57	9.793	9.757	12.155
%RSD	.5248364	.4639113	.4190266	.6399345	.6577040
#1	2385.570	29923.88	2332.253	1528.557	1861.486
#2	2367.851	29973.55	2330.624	1532.011	1845.186
#3	2361.567	29712.59	2348.342	1513.650	1837.716

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-22 Acquired: 12/29/2024 8:11:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1196768	-.054733	1.251377	.0957331	.0247505	84.81056
Stddev	.0009289	.002951	.005986	.0034430	.0049320	.21576
%RSD	.7761592	5.392214	.4783275	3.596458	19.92704	.2543998
#1	.1206467	-.056585	1.244820	.0991256	.0259757	85.03911
#2	.1195886	-.051330	1.252761	.0958321	.0193213	84.61042
#3	.1187952	-.056284	1.256549	.0922417	.0289544	84.78214

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318342	.0128689	.0083853	55.91419	.1398653	.0485244
Stddev	.001945	.0001439	.0000996	.12896	.0004770	.0007867
%RSD	.1475248	1.118546	1.188142	.2306303	.3410551	1.621332
#1	1.320454	.0127709	.0083143	56.05921	.1399942	.0476432
#2	1.317945	.0130341	.0084992	55.81243	.1393371	.0491565
#3	1.316626	.0128015	.0083423	55.87092	.1402646	.0487733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2947782	175.7487	8.981297	26.90187	.2343267	.0008243
Stddev	.0023310	.4835	.040876	.07223	.0010339	.0004257
%RSD	.7907512	.2751213	.4551214	.2684935	.4412248	51.64581
#1	.2930269	176.1848	9.027407	26.92546	.2341596	.0011005
#2	.2974239	175.2288	8.949509	26.82079	.2333865	.0003341
#3	.2938837	175.8326	8.966976	26.95935	.2354340	.0010384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4238115	.1754721	1.776942	9.648780	F 14.48604	.1016870
Stddev	.0294282	.0052832	.005158	.109998	.02125	.0016848
%RSD	6.943710	3.010876	.2902828	1.140020	.1467130	1.656807
#1	.4457370	.1738928	1.771496	9.669331	14.46757	.1002494
#2	.3903660	.1813649	1.777575	9.529956	14.48129	.1012708
#3	.4353316	.1711586	1.781754	9.747054	14.50927	.1035409

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5035-22 Acquired: 12/29/2024 8:11:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059940	5.661101	12.37386	.0570362	.6698319	-.024448
Stddev	.0001277	.024343	.07394	.0025392	.0008442	.000131
%RSD	2.130612	.4299979	.5975377	4.451838	.1260268	.5377013
#1	.0059048	5.642688	12.45006	.0580518	.6691696	-.024587
#2	.0059369	5.651914	12.30241	.0541465	.6707825	-.024431
#3	.0061403	5.688700	12.36910	.0589104	.6695437	-.024325

Elem	Li6707
Units	ppm
Avg	.1115879
Stddev	.0008103
%RSD	.7261468
#1	.1106830
#2	.1122462
#3	.1118347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.390	33469.40	2606.880	1692.903	1861.026
Stddev	4.217	123.18	15.537	10.522	4.553
%RSD	.1579310	.3680412	.5960106	.6215325	.2446725
#1	2672.682	33502.68	2591.865	1700.628	1863.343
#2	2672.965	33572.52	2622.891	1697.161	1863.955
#3	2665.523	33333.00	2605.884	1680.919	1855.780

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-01 Acquired: 12/29/2024 8:15:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1692842	-.036037	.6442625	.1057371	.0283666	71.62462	.9619486
Stddev	.0056454	.001355	.0008681	.0046930	.0022644	.07151	.0017703
%RSD	3.334874	3.761180	.1347403	4.438385	7.982809	.0998356	.1840305
#1	.1719178	-.034833	.6433975	.1111512	.0296534	71.59068	.9613741
#2	.1731316	-.035772	.6451337	.1028294	.0257519	71.70678	.9605368
#3	.1628032	-.037505	.6442562	.1032308	.0296944	71.57640	.9639347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125625	.0163896	81.37964	.0940253	.0806568	.1791052	195.2612
Stddev	.0002446	.0000903	.13821	.0005452	.0008106	.0059125	.2293
%RSD	1.946844	.5509879	.1698375	.5798226	1.004963	3.301132	.1174536
#1	.0126777	.0163985	81.50793	.0936016	.0807512	.1739653	195.0153
#2	.0127281	.0162952	81.39772	.0946403	.0798032	.1855667	195.4693
#3	.0122816	.0164752	81.23328	.0938339	.0814160	.1777836	195.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.52133	30.83209	.1942588	.0038445	2.888224	.1579488	1.027294
Stddev	.03777	.06071	.0008427	.0009017	.030913	.0078802	.001237
%RSD	.1677231	.1969012	.4338207	23.45427	1.070311	4.989103	.1203705
#1	22.52778	30.81820	.1952213	.0028040	2.923898	.1669586	1.026232
#2	22.55546	30.89854	.1936535	.0043981	2.869329	.1545461	1.026998
#3	22.48075	30.77953	.1939016	.0043314	2.871444	.1523415	1.028651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.693269	4.163469	.0858938	.0054045	3.702929	10.84291	.0250090
Stddev	.135032	.004532	.0042349	.0004726	.012567	.10217	.0009991
%RSD	2.017429	.1088608	4.930427	8.745329	.3393707	.9422493	3.995138
#1	6.563383	4.159062	.0877048	.0048613	3.710550	10.86381	.0261020
#2	6.832917	4.163228	.0810545	.0057213	3.688424	10.93301	.0241425
#3	6.683506	4.168117	.0889222	.0056310	3.709812	10.73191	.0247825

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-01 Acquired: 12/29/2024 8:15:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4314469	-.048970	.0504494
Stddev	.0037281	.000045	.0032133
%RSD	.8640962	.0920429	6.369349
#1	.4299157	-.049004	.0540108
#2	.4356968	-.048987	.0495699
#3	.4287281	-.048919	.0477674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.712	37512.96	2870.081	1908.589	1850.625
Stddev	11.722	207.69	13.520	13.673	7.409
%RSD	.3936543	.5536459	.4710796	.7163746	.4003600
#1	2989.475	37506.16	2865.122	1911.263	1855.889
#2	2977.630	37723.96	2859.740	1920.726	1853.834
#3	2966.032	37308.75	2885.380	1893.776	1842.152

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-02 Acquired: 12/29/2024 8:19:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022675	-.046867	.9329767	.0850377	.0212233	67.17915
Stddev	.0100030	.005409	.0027079	.0015102	.0020451	.38612
%RSD	9.781209	11.54220	.2902441	1.775875	9.636106	.5747613
#1	.1133063	-.040655	.9329663	.0835704	.0232249	66.75304
#2	.0938038	-.050543	.9356899	.0865874	.0191373	67.50583
#3	.0996925	-.049402	.9302741	.0849553	.0213076	67.27859

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237857	.0121551	.0065761	111.1942	.1261271	.0377335
Stddev	.007159	.0001712	.0000711	.6080	.0018174	.0001972
%RSD	.5783755	1.408569	1.081309	.5467744	1.440954	.5225268
#1	1.229890	.0119769	.0066575	110.5217	.1276111	.0375156
#2	1.243751	.0123183	.0065258	111.7049	.1241000	.0377855
#3	1.239931	.0121700	.0065452	111.3559	.1266702	.0378995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2181599	171.7519	7.274459	36.10523	.1707996	.0006840
Stddev	.0015649	.9189	.020956	.13873	.0001061	.0010517
%RSD	.7173122	.5350001	.2880756	.3842268	.0621203	153.7588
#1	.2168786	170.7453	7.254650	35.95128	.1707339	.0009111
#2	.2199040	172.5456	7.296399	36.14389	.1709220	.0016036
#3	.2176971	171.9648	7.272329	36.22054	.1707430	-.000463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4850555	.1688976	1.349876	7.708511	F 11.16164	.0905250
Stddev	.0264754	.0057313	.005290	.162632	.00933	.0041634
%RSD	5.458222	3.393369	.3919156	2.109769	.0835628	4.599218
#1	.5143936	.1703184	1.345475	7.818564	11.16001	.0858000
#2	.4778299	.1737849	1.348409	7.785262	11.15324	.0921197
#3	.4629431	.1625895	1.355746	7.521707	11.17168	.0936554

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5036-02 Acquired: 12/29/2024 8:19:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075002	3.837846	12.09763	.0788890	.8694786	.0224525
Stddev	.0003542	.011455	.10783	.0005863	.0021677	.0002330
%RSD	4.722825	.2984760	.8913662	.7432164	.2493130	1.037864
#1	.0076247	3.844022	12.10772	.0787189	.8673852	.0226310
#2	.0071005	3.824628	12.20007	.0784065	.8717137	.0225377
#3	.0077753	3.844888	11.98511	.0795415	.8693367	.0221889

Elem	Li6707
Units	ppm
Avg	.1066487
Stddev	.0044013
%RSD	4.126877
#1	.1028282
#2	.1114614
#3	.1056567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.000	30477.32	2329.116	1546.057	1833.938
Stddev	9.454	99.22	15.930	12.168	6.453
%RSD	.3909893	.3255601	.6839458	.7870337	.3518562
#1	2410.693	30544.87	2334.273	1556.202	1828.803
#2	2414.629	30523.68	2311.246	1549.402	1831.829
#3	2428.677	30363.40	2341.828	1532.566	1841.181

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-03 Acquired: 12/29/2024 8:22:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910726	-.033371	.9703200	.0636944	.0116208	61.23206
Stddev	.0017766	.005946	.0012357	.0034324	.0024176	.06530
%RSD	1.950737	17.81842	.1273491	5.388876	20.80422	.1066458
#1	.0916404	-.027952	.9699718	.0644419	.0092667	61.21566
#2	.0924960	-.039732	.9716924	.0599499	.0140973	61.30400
#3	.0890816	-.032428	.9692957	.0666915	.0114984	61.17652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.151257	.0101901	.0071360	115.3862	.1122269	.0456599
Stddev	.002381	.0000169	.0000637	.1340	.0007128	.0001234
%RSD	.2068355	.1654538	.8930510	.1161409	.6351293	.2701707
#1	1.152190	.0101737	.0071861	115.2674	.1129030	.0456702
#2	1.153031	.0101892	.0071578	115.5315	.1114824	.0455317
#3	1.148551	.0102074	.0070643	115.3597	.1122955	.0457778

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1925802	138.0142	6.713374	32.08838	.1577390	.0000378
Stddev	.0081192	.0332	.007158	.02240	.0001089	.0011563
%RSD	4.216026	.0240334	.1066242	.0698101	.0690378	3058.478
#1	.1873391	138.0016	6.715877	32.09083	.1578252	-.000651
#2	.1884688	138.0519	6.718945	32.10946	.1576166	.001373
#3	.2019328	137.9892	6.705301	32.06486	.1577751	-.000608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5536618	.1563511	1.311080	5.297548	F 14.68298	.0705816
Stddev	.0127914	.0047047	.005817	.146345	.01246	.0030139
%RSD	2.310331	3.009095	.4437081	2.762497	.0848862	4.270062
#1	.5494202	.1516881	1.315900	5.302967	14.66917	.0709306
#2	.5435299	.1562688	1.304618	5.441108	14.68639	.0674084
#3	.5680352	.1610965	1.312723	5.148569	14.69339	.0734058

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-03 Acquired: 12/29/2024 8:22:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062468	3.030294	11.66976	.1619859	.5913286	.0813851
Stddev	.0005839	.006609	.12067	.0018319	.0061093	.0009735
%RSD	9.347108	.2181081	1.034072	1.130915	1.033146	1.196190
#1	.0055744	3.035601	11.73661	.1639118	.5846249	.0820653
#2	.0066260	3.032390	11.74222	.1602653	.5927780	.0818202
#3	.0065400	3.022890	11.53046	.1617806	.5965828	.0802700

Elem	Li6707
Units	ppm
Avg	.0918710
Stddev	.0016352
%RSD	1.779897
#1	.0923798
#2	.0931913
#3	.0900419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.704	32461.46	2469.868	1646.752	1886.695
Stddev	9.899	141.47	9.436	10.910	6.799
%RSD	.3835832	.4358030	.3820514	.6625055	.3603866
#1	2587.547	32555.84	2465.025	1650.865	1891.508
#2	2585.212	32529.74	2463.837	1655.007	1889.662
#3	2569.354	32298.81	2480.742	1634.383	1878.917

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5036-04 Acquired: 12/29/2024 8:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1008248	-.041042	.6627047	.0668210	.0145535	74.86053	1.335199
Stddev	.0059925	.010541	.0036053	.0030348	.0016133	.28596	.001252
%RSD	5.943504	25.68312	.5440324	4.541655	11.08509	.3819875	.0937416
#1	.1063173	-.031982	.6666879	.0697942	.0126923	74.53370	1.334390
#2	.1017233	-.038532	.6617611	.0637282	.0155529	75.06467	1.334566
#3	.0944337	-.052611	.6596649	.0669407	.0154153	74.98323	1.336641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116135	.0064045	182.3489	.1224149	.0489166	.1806502	161.5125
Stddev	.0001705	.0001393	.4616	.0011557	.0002799	.0091209	.6340
%RSD	1.468379	2.174614	.2531656	.9440662	.5722502	5.048917	.3925671
#1	.0115566	.0064085	181.8446	.1211655	.0490982	.1822539	160.9163
#2	.0118053	.0065418	182.4513	.1234455	.0490574	.1888628	162.1786
#3	.0114788	.0062633	182.7507	.1226338	.0485942	.1708338	161.4424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.523899	38.17604	.1601268	.0002339	.5288246	.1815995	.9475899
Stddev	.025519	.27619	.0005580	.0013972	.0047601	.0025753	.0068417
%RSD	.2993799	.7234625	.3484780	597.3107	.9001267	1.418111	.7220056
#1	8.495553	37.89881	.1594850	.0018181	.5248536	.1787006	.9397582
#2	8.545044	38.45117	.1603980	-.000294	.5275190	.1824751	.9524038
#3	8.531099	38.17813	.1604974	-.000822	.5341013	.1836228	.9506077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.772976	9.524708	.0798212	.0060137	2.404722	12.72167	.0576667
Stddev	.121060	.014700	.0005397	.0005324	.005957	.14184	.0018746
%RSD	2.097011	.1543395	.6761664	8.853096	.2477219	1.114952	3.250804
#1	5.709785	9.508082	.0796649	.0054423	2.398168	12.55877	.0585339
#2	5.696587	9.530055	.0793769	.0061031	2.406190	12.81785	.0555155
#3	5.912556	9.535986	.0804218	.0064958	2.409807	12.78839	.0589507

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-04 Acquired: 12/29/2024 8:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7882637	.0925738	.1178052
Stddev	.0007691	.0008829	.0010419
%RSD	.0975728	.9537084	.8844008
#1	.7875124	.0930920	.1182315
#2	.7882292	.0915544	.1185664
#3	.7890495	.0930750	.1166178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.993	30800.05	2393.423	1564.880	1808.984
Stddev	6.421	182.51	19.754	12.201	7.201
%RSD	.2625987	.5925577	.8253390	.7796706	.3980743
#1	2438.680	30947.66	2412.818	1572.825	1801.924
#2	2451.516	30856.49	2394.121	1570.983	1816.318
#3	2444.783	30595.98	2373.329	1550.832	1808.711

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-05 Acquired: 12/29/2024 8:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619006	-.034063	.2176605	.0526454	.0101304	73.71178	.9647368
Stddev	.0074381	.003002	.0017561	.0046951	.0017000	.39232	.0047984
%RSD	12.01623	8.813998	.8068265	8.918245	16.78079	.5322339	.4973788
#1	.0535831	-.035420	.2196857	.0580639	.0104620	74.15879	.9702669
#2	.0679141	-.030622	.2165574	.0500890	.0082891	73.55188	.9616749
#3	.0642045	-.036148	.2167386	.0497833	.0116402	73.42466	.9622687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109343	.0040496	582.2718	.1114179	.0597427	.0699690	159.8238
Stddev	.0001005	.0001486	3.5047	.0004119	.0008842	.0008835	.5560
%RSD	.9190610	3.668589	.6018997	.3696920	1.479982	1.262671	.3478556
#1	.0110299	.0038932	586.3170	.1118192	.0588913	.0690002	160.4239
#2	.0109433	.0041888	580.3497	.1114383	.0596806	.0707302	159.7213
#3	.0108295	.0040669	580.1487	.1109962	.0606564	.0701766	159.3263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.087145	78.03080	.1634852	-.000624	.8191129	.1743509	.4106533
Stddev	.042729	.47135	.0004026	.001036	.0040297	.0084502	.0018650
%RSD	.7019589	.6040526	.2462329	165.9460	.4919642	4.846667	.4541537
#1	6.136126	78.56416	.1631649	-.001801	.8146206	.1664108	.4085797
#2	6.057512	77.85801	.1633537	.000150	.8224093	.1832323	.4111866
#3	6.067796	77.67024	.1639371	-.000222	.8203090	.1734097	.4121935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.200934	7.749017	.0762588	.0042068	2.322873	11.46558	.0372939
Stddev	.125132	.007601	.0007519	.0001731	.005325	.06966	.0007653
%RSD	2.405959	.0980892	.9859848	4.114393	.2292439	.6075861	2.052196
#1	5.060349	7.741033	.0760953	.0042852	2.319045	11.54054	.0364133
#2	5.242330	7.756165	.0770790	.0043268	2.320620	11.40282	.0376698
#3	5.300123	7.749853	.0756022	.0040084	2.328954	11.45339	.0377987

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-05 Acquired: 12/29/2024 8:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8611208	.4204635	.1298659
Stddev	.0087328	.0031600	.0023361
%RSD	1.014125	.7515572	1.798871
#1	.8687592	.4240904	.1286943
#2	.8516004	.4189962	.1325560
#3	.8630028	.4183039	.1283474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.796	30211.93	2344.385	1522.935	1713.734
Stddev	4.007	76.19	13.008	1.849	2.368
%RSD	.1683254	.2521748	.5548390	.1214024	.1381968
#1	2384.127	30124.24	2329.429	1524.401	1713.203
#2	2376.349	30261.87	2353.062	1523.547	1711.675
#3	2381.912	30249.68	2350.663	1520.858	1716.322

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-06 Acquired: 12/29/2024 8:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315051	-.014462	.0862549	.0265618	.0021783	55.79931	.5360826
Stddev	.0022665	.002123	.0020172	.0121711	.0046303	.07219	.0012509
%RSD	7.194099	14.67854	2.338634	45.82192	212.5693	.1293752	.2333413
#1	.0328593	-.016383	.0841882	.0144958	.0047734	55.75101	.5349512
#2	.0288885	-.014820	.0863579	.0388353	.0049290	55.76461	.5358706
#3	.0327675	-.012183	.0882187	.0263542	-.003168	55.88229	.5374259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079282	.0020963	537.4638	.0857738	.0586668	.0695669	121.0589
Stddev	.0000522	.0002276	.4221	.0006934	.0008054	.0076199	.1595
%RSD	.6583456	10.85578	.0785294	.8083702	1.372795	10.95339	.1317646
#1	.0078824	.0018920	537.2304	.0861610	.0580058	.0781930	121.2268
#2	.0079172	.0020552	537.2099	.0861871	.0595638	.0637517	120.9093
#3	.0079850	.0023416	537.9510	.0849733	.0584308	.0667561	121.0406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.268391	87.48777	.1354961	-.000063	.9913578	.1213917	.2379943
Stddev	.007255	.14832	.0006572	.001291	.0199867	.0121545	.0020496
%RSD	.2219818	.1695346	.4850365	2035.266	2.016088	10.01266	.8611925
#1	3.272194	87.56193	.1347546	.001069	.9969950	.1075196	.2383012
#2	3.260025	87.58440	.1360068	.000209	.9691580	.1264815	.2398731
#3	3.272953	87.31700	.1357269	-.001468	1.007921	.1301738	.2358085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744752	7.277226	.0639051	.0024777	1.022701	10.25475	.0236048
Stddev	.066721	.019814	.0021919	.0008965	.007310	.04336	.0002807
%RSD	1.406204	.2722722	3.429928	36.17984	.7147769	.4228418	1.189229
#1	4.775824	7.265155	.0613766	.0018608	1.025334	10.30269	.0232931
#2	4.790270	7.266429	.0652653	.0020664	1.028330	10.24331	.0238377
#3	4.668162	7.300093	.0650735	.0035061	1.014439	10.21826	.0236837

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-06 Acquired: 12/29/2024 8:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9785920	.4648778	.0967133
Stddev	.0098276	.0016328	.0040199
%RSD	1.004258	.3512270	4.156491
#1	.9777303	.4666924	.0949695
#2	.9692236	.4635273	.0938598
#3	.9888220	.4644137	.1013107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.178	29257.02	2288.487	1471.308	1684.615
Stddev	2.826	52.86	1.140	4.774	2.417
%RSD	.1223447	.1806629	.0498281	.3244413	.1434586
#1	2313.096	29268.79	2288.768	1471.206	1686.963
#2	2309.985	29199.27	2287.232	1466.587	1682.135
#3	2307.453	29303.00	2289.460	1476.132	1684.747

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-07 Acquired: 12/29/2024 8:38:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456899	-.005706	.1155860	.0319493	-.002307	43.83857	.4715028
Stddev	.0085892	.002737	.0033335	.0039940	.005102	.12523	.0026411
%RSD	18.79880	47.96998	2.884046	12.50099	221.1786	.2856614	.5601428
#1	.0554508	-.005873	.1137429	.0364751	-.000712	43.95925	.4733007
#2	.0392874	-.008357	.1135810	.0304543	-.008015	43.70924	.4684705
#3	.0423314	-.002889	.1194342	.0289185	.001807	43.84722	.4727371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076689	.0027902	722.2819	.0598370	.0624395	.1361059	126.2477
Stddev	.0002202	.0000675	2.0560	.0008581	.0012389	.0067191	.4802
%RSD	2.871693	2.418007	.2846484	1.433996	1.984151	4.936684	.3803772
#1	.0074885	.0027560	724.5132	.0588488	.0624603	.1383180	126.5539
#2	.0079143	.0027466	720.4642	.0602697	.0636678	.1414401	125.6942
#3	.0076038	.0028679	721.8682	.0603926	.0611903	.1285596	126.4950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.918446	138.6213	.1215027	.0003634	1.288002	.1110903	.2870076
Stddev	.020198	.3970	.0010167	.0014848	.014906	.0026269	.0022868
%RSD	.2550752	.2864116	.8367513	408.5615	1.157315	2.364647	.7967610
#1	7.914535	138.7685	.1223569	-.001338	1.303856	.1116796	.2843721
#2	7.900489	138.1717	.1217731	.001031	1.274271	.1082188	.2884659
#3	7.940313	138.9238	.1203782	.001397	1.285879	.1133724	.2881848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.697027	8.690706	.0735771	.0044472	.8083433	10.31170	.0224297
Stddev	.187936	.011171	.0050396	.0005353	.0042602	.08079	.0023468
%RSD	4.001173	.1285369	6.849357	12.03750	.5270259	.7834470	10.46297
#1	4.562238	8.678634	.0793335	.0041336	.8082582	10.33182	.0247700
#2	4.911711	8.692807	.0699606	.0050653	.8041263	10.22276	.0200764
#3	4.617134	8.700677	.0714373	.0041426	.8126454	10.38053	.0224426

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5036-07 Acquired: 12/29/2024 8:38:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6520557	.6555343	.0806253
Stddev	.0047212	.0017653	.0033093
%RSD	.7240555	.2692980	4.104500
#1	.6472413	.6575459	.0794117
#2	.6522479	.6542432	.0843701
#3	.6566779	.6548137	.0780942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.973	28484.95	2193.163	1432.484	1635.153
Stddev	4.908	38.21	15.436	8.118	.603
%RSD	.2186109	.1341449	.7038009	.5667181	.0368672
#1	2250.012	28527.39	2190.253	1441.549	1634.457
#2	2244.697	28474.17	2209.847	1430.020	1635.515
#3	2240.208	28453.28	2179.390	1425.883	1635.487

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5036-08 Acquired: 12/29/2024 8:42:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474717	-.005593	.1121183	.0215045	-.005403	42.39843	.4566553
Stddev	.0043619	.004896	.0021638	.0070915	.001662	.48596	.0039504
%RSD	9.188461	87.54164	1.929892	32.97668	30.75940	1.146185	.8650619
#1	.0488839	-.011234	.1133486	.0205678	-.004214	42.53109	.4562113
#2	.0509525	-.002441	.1133864	.0149279	-.004694	41.85991	.4529457
#3	.0425786	-.003104	.1096199	.0290178	-.007302	42.80428	.4608089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072781	.0026978	701.6404	.0580828	.0608179	.1362173	122.6794
Stddev	.0001248	.0000802	7.3090	.0014645	.0003705	.0067510	1.3184
%RSD	1.714919	2.973949	1.041700	2.521328	.6092123	4.956043	1.074707
#1	.0074132	.0027891	703.7105	.0576066	.0605210	.1300936	123.0048
#2	.0071671	.0026660	693.5196	.0597260	.0612332	.1351017	121.2288
#3	.0072539	.0026384	707.6910	.0569156	.0606997	.1434566	123.8047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.693537	134.3414	.1169902	.0000482	1.244557	.1020613	.2819936
Stddev	.077600	1.5609	.0010146	.0006530	.009013	.0052128	.0016499
%RSD	1.008645	1.161917	.8672555	1356.019	.7242011	5.107518	.5850928
#1	7.706539	134.4489	.1161876	.0003438	1.242094	.0960496	.2816563
#2	7.610257	132.7294	.1166524	-.000700	1.237031	.1048062	.2837862
#3	7.763815	135.8457	.1181306	.000501	1.254545	.1053280	.2805384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.302736	8.429749	.0727120	.0045573	.7866957	9.720720	.0216907
Stddev	.088223	.021636	.0018811	.0006819	.0060699	.063603	.0039068
%RSD	2.050385	.2566648	2.587013	14.96293	.7715653	.6542986	18.01142
#1	4.231332	8.437566	.0716956	.0043856	.7850135	9.783594	.0228457
#2	4.275514	8.405291	.0715579	.0039776	.7816444	9.656414	.0173366
#3	4.401361	8.446391	.0748826	.0053086	.7934293	9.722153	.0248898

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-08 Acquired: 12/29/2024 8:42:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6239787	.6377072	.0770308
Stddev	.0052705	.0071407	.0041385
%RSD	.8446575	1.119743	5.372551
#1	.6231211	.6409500	.0804933
#2	.6191897	.6295206	.0724472
#3	.6296254	.6426511	.0781518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.164	29187.86	2307.444	1467.400	1680.762
Stddev	9.198	105.27	22.453	8.593	6.170
%RSD	.4002543	.3606786	.9730527	.5856165	.3670720
#1	2307.429	29080.85	2284.245	1458.250	1687.550
#2	2289.033	29191.42	2329.067	1468.650	1675.497
#3	2298.029	29291.31	2309.021	1475.300	1679.238

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-07LX5 Acquired: 12/29/2024 8:46:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003033	.0268094	.0248912	-.022331	-.016720	9.620057	.0947532
Stddev	.005956	.0014001	.0017330	.002463	.004805	.032163	.0011912
%RSD	196.3712	5.222326	6.962372	11.02762	28.73720	.3343308	1.257158
#1	-.008367	.0279860	.0228931	-.019892	-.021749	9.632250	.0957380
#2	-.004127	.0252609	.0259852	-.022285	-.012177	9.644339	.0934292
#3	.003394	.0271812	.0257953	-.024817	-.016233	9.583580	.0950925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015665	.0003334	165.1862	.0143254	.0402456	.0272736	27.13662
Stddev	.0000737	.0000900	.5198	.0001756	.0001479	.0048393	.04712
%RSD	4.706623	27.00796	.3146645	1.225766	.3674905	17.74359	.1736316
#1	.0016124	.0003275	164.7792	.0143367	.0400752	.0296208	27.12427
#2	.0016056	.0004262	165.0078	.0144951	.0403207	.0304917	27.18869
#3	.0014814	.0002465	165.7717	.0141444	.0403409	.0217083	27.09691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584107	34.39712	.0229903	.0002006	.2551755	.0189706	.0660662
Stddev	.003457	.09402	.0002363	.0008696	.0223475	.0171081	.0003719
%RSD	.2182522	.2733488	1.027975	433.4216	8.757685	90.18251	.5629452
#1	1.584461	34.46701	.0230704	.0005609	.2524569	.0302485	.0658620
#2	1.580487	34.43411	.0227243	.0008322	.2343116	-.000715	.0658410
#3	1.587374	34.29022	.0231762	-.000791	.2787578	.027378	.0664954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7871495	2.117962	.0110487	.0027005	.2089546	2.234646	.0052150
Stddev	.1279413	.011718	.0009020	.0005997	.0010455	.015982	.0004000
%RSD	16.25375	.5532440	8.163923	22.20718	.5003269	.7151697	7.669761
#1	.9270905	2.105598	.0105021	.0026921	.2081319	2.217795	.0056671
#2	.7581835	2.128903	.0105541	.0021051	.2086009	2.236557	.0050709
#3	.6761746	2.119386	.0120898	.0033044	.2101310	2.249586	.0049070

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-07LX5 Acquired: 12/29/2024 8:46:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1312897	.1495821	.0167291
Stddev	.0015205	.0002314	.0032050
%RSD	1.158124	.1547277	19.15818
#1	.1296365	.1493307	.0133590
#2	.1326282	.1496292	.0197384
#3	.1316044	.1497863	.0170900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.485	27287.63	2053.828	1379.864	1812.920
Stddev	5.264	213.53	4.736	10.651	4.364
%RSD	.2443103	.7825199	.2306086	.7719099	.2407214
#1	2158.650	27224.39	2048.716	1374.004	1817.911
#2	2156.235	27112.86	2058.066	1373.430	1811.028
#3	2148.569	27525.63	2054.702	1392.159	1809.822

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-09 Acquired: 12/29/2024 8:50:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292216	.0652087	.1470862	.1880732	.1598007	46.35990	3.993694
Stddev	.0035603	.0058745	.0011030	.0045600	.0039734	.11169	.012215
%RSD	2.755166	9.008726	.7498820	2.424567	2.486488	.2409172	.3058662
#1	.1331572	.0682755	.1458345	.1828785	.1601589	46.34370	4.001669
#2	.1262249	.0584355	.1475088	.1914152	.1556603	46.47881	3.999782
#3	.1282826	.0689151	.1479155	.1899259	.1635829	46.25720	3.979631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969621	.0998337	706.5398	.4197237	1.044559	.5354163	125.2086
Stddev	.0004485	.0001169	1.0311	.0004343	.001178	.0086150	.0387
%RSD	.4625105	.1171311	.1459435	.1034733	.1127755	1.609027	.0309132
#1	.0965064	.0999635	707.1631	.4202251	1.043741	.5283389	125.2528
#2	.0974029	.0998008	705.3496	.4194797	1.044028	.5329008	125.1922
#3	.0969769	.0997367	707.1068	.4194663	1.045909	.5450090	125.1808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.590792	135.4553	1.094390	.0636659	1.330060	.9920887	1.142870
Stddev	.009591	.3171	.001259	.0009155	.017452	.0106348	.003052
%RSD	.1116427	.2341293	.1150158	1.437931	1.312095	1.071957	.2670410
#1	8.601157	135.6609	1.095834	.0641561	1.315024	1.004316	1.142959
#2	8.588987	135.6150	1.093806	.0626097	1.325960	.986962	1.145877
#3	8.582232	135.0901	1.093529	.0642319	1.349197	.984988	1.139774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.412021	8.383226	.0695938	.0044694	.8109458	10.11885	.0237826
Stddev	.075541	.008474	.0017908	.0005454	.0069532	.07315	.0021009
%RSD	1.712171	.1010833	2.573233	12.20185	.8574140	.7229014	8.833928
#1	4.324810	8.375919	.0694399	.0038907	.8052661	10.07543	.0251170
#2	4.457114	8.392515	.0714566	.0049738	.8187001	10.20330	.0213609
#3	4.454138	8.381243	.0678849	.0045437	.8088710	10.07781	.0248700

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-09 Acquired: 12/29/2024 8:50:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6353741	.6439343	.0789395
Stddev	.0055396	.0021301	.0032549
%RSD	.8718689	.3308014	4.123243
#1	.6401569	.6454785	.0756905
#2	.6366611	.6415041	.0789278
#3	.6293042	.6448202	.0822002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.062	28716.81	2199.458	1437.351	1653.897
Stddev	2.931	69.49	13.765	3.067	3.104
%RSD	.1298635	.2419664	.6258226	.2133821	.1876790
#1	2256.100	28788.56	2211.929	1439.895	1655.222
#2	2260.353	28712.03	2184.689	1438.212	1656.119
#3	2254.733	28649.83	2201.758	1433.945	1650.351

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-10 Acquired: 12/29/2024 8:54:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398607	-.014061	.0798754	.0367363	.0035067	50.13526	.4553321
Stddev	.0016917	.001625	.0032394	.0020593	.0031298	.23106	.0029788
%RSD	4.243915	11.55709	4.055606	5.605626	89.25184	.4608788	.6542116
#1	.0383257	-.012967	.0779379	.0350300	.0070409	50.13593	.4567050
#2	.0395821	-.013287	.0780732	.0390237	.0010852	49.90386	.4519144
#3	.0416744	-.015928	.0836152	.0361551	.0023942	50.36598	.4573770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079621	.0022503	424.6560	.0700712	.0624958	.1114654	128.7283
Stddev	.0001830	.0000618	2.6844	.0003446	.0008603	.0062009	.5871
%RSD	2.298345	2.745337	.6321293	.4917353	1.376653	5.563055	.4561130
#1	.0077869	.0023201	424.7580	.0704386	.0615142	.1062737	128.7429
#2	.0079475	.0022284	421.9221	.0700196	.0631191	.1183316	128.1340
#3	.0081520	.0022025	427.2879	.0697553	.0628541	.1097911	129.3080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077452	95.44932	.1438158	.0002097	.9093583	.1132318	.2639814
Stddev	.026680	.77395	.0009693	.0004763	.0148758	.0037680	.0013654
%RSD	.5254668	.8108465	.6739919	227.1357	1.635862	3.327664	.5172358
#1	5.078410	95.16421	.1428733	.0005554	.9259722	.1106375	.2625416
#2	5.050306	94.85837	.1437641	.0004073	.8972732	.1115040	.2652577
#3	5.103641	96.32538	.1448099	-.000334	.9048295	.1175538	.2641450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.804761	5.496350	.0625017	.0030465	.4966630	10.16349	.0216781
Stddev	.092925	.015355	.0023863	.0005405	.0064416	.10894	.0013738
%RSD	2.442326	.2793605	3.817905	17.74261	1.296970	1.071885	6.337208
#1	3.900860	5.486474	.0606419	.0035685	.4892408	10.26235	.0214001
#2	3.715375	5.488537	.0651923	.0030820	.5007949	10.04669	.0231696
#3	3.798048	5.514040	.0616709	.0024892	.4999533	10.18143	.0204646

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-10 Acquired: 12/29/2024 8:54:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7920197	.4477689	.0879949
Stddev	.0086690	.0034923	.0022432
%RSD	1.094543	.7799400	2.549288
#1	.7928993	.4479010	.0891203
#2	.7829444	.4442123	.0894527
#3	.8002153	.4511932	.0854118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.965	28940.65	2235.257	1453.688	1742.516
Stddev	5.657	101.97	10.520	6.945	3.512
%RSD	.2488896	.3523403	.4706312	.4777202	.2015279
#1	2268.489	29052.61	2225.444	1461.379	1744.622
#2	2279.324	28853.10	2246.364	1451.808	1744.465
#3	2271.083	28916.25	2233.962	1447.877	1738.463

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-11 Acquired: 12/29/2024 8:57:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345144	-.057868	2.834340	.0897822	.0242262	66.43290	1.789125
Stddev	.0045136	.002327	.013484	.0007726	.0032694	.31943	.007120
%RSD	3.355467	4.021664	.4757242	.8605706	13.49516	.4808384	.3979861
#1	.1394035	-.060547	2.826946	.0888902	.0265561	66.35422	1.787006
#2	.1305062	-.056348	2.826171	.0902159	.0256336	66.78432	1.797064
#3	.1336334	-.056709	2.849903	.0902406	.0204888	66.16015	1.783305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118680	.0098701	53.01523	.1347700	.0426864	.4311525	168.2351
Stddev	.0002390	.0000817	.19711	.0007871	.0007139	.0067535	.8552
%RSD	2.014094	.8276364	.3718031	.5840282	1.672545	1.566390	.5083100
#1	.0121438	.0098248	52.87503	.1352950	.0432500	.4308252	167.6510
#2	.0117396	.0098212	53.24060	.1351499	.0418835	.4380637	169.2167
#3	.0117205	.0099644	52.93004	.1338650	.0429257	.4245686	167.8377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.256806	22.30369	.1788605	.0021853	.5734303	.1965140	2.387564
Stddev	.041115	.10349	.0003995	.0009172	.0100497	.0067988	.010752
%RSD	.4441550	.4640018	.2233795	41.96993	1.752561	3.459677	.4503181
#1	9.250350	22.40097	.1792742	.0014404	.5845314	.1902829	2.387500
#2	9.300767	22.31514	.1784768	.0019058	.5649521	.1954940	2.398348
#3	9.219302	22.19495	.1788305	.0032097	.5708073	.2037651	2.376844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845787	8.271886	.0868626	.0076335	4.647960	11.56947	.1702780
Stddev	.189505	.024934	.0009320	.0003536	.009944	.11225	.0009732
%RSD	3.910717	.3014268	1.072960	4.631745	.2139477	.9702069	.5715558
#1	4.690636	8.255881	.0864548	.0072815	4.640091	11.53448	.1692910
#2	5.056997	8.259162	.0879290	.0079886	4.659137	11.69505	.1703060
#3	4.789728	8.300615	.0862041	.0076305	4.644653	11.47889	.1712369

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-11 Acquired: 12/29/2024 8:57:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8589591	.0039028	.0915258
Stddev	.0081063	.0003867	.0047630
%RSD	.9437308	9.907681	5.204027
#1	.8603082	.0040766	.0860291
#2	.8663061	.0041722	.0944358
#3	.8502629	.0034598	.0941126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.221	31150.22	2327.943	1569.362	1874.432
Stddev	6.430	144.93	10.210	2.683	6.709
%RSD	.2625313	.4652762	.4385847	.1709395	.3578964
#1	2456.645	31094.43	2328.296	1568.609	1880.339
#2	2445.414	31314.76	2317.561	1572.341	1875.818
#3	2445.604	31041.48	2337.972	1567.137	1867.138

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-12 Acquired: 12/29/2024 9:01:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1564253	-.011874	1.659731	.0799849	.0128347	82.51359
Stddev	.0029525	.003627	.002020	.0040225	.0016856	.10277
%RSD	1.887459	30.54146	.1217260	5.029104	13.13326	.1245470
#1	.1584542	-.007915	1.657626	.0819949	.0144112	82.53300
#2	.1530382	-.012671	1.661655	.0826063	.0110579	82.40250
#3	.1577837	-.015036	1.659911	.0753535	.0130350	82.60527

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.635465	.0124961	.0091861	430.8871	.1011377	.0964685
Stddev	.005153	.0001476	.0002021	.7742	.0007701	.0004810
%RSD	.1955435	1.181073	2.200497	.1796865	.7614383	.4985727
#1	2.632178	.0123644	.0089709	430.0431	.1017575	.0959472
#2	2.632812	.0124683	.0093719	431.5644	.1013799	.0965634
#3	2.641404	.0126556	.0092155	431.0538	.1002756	.0968949

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2725799	181.7218	24.99855	58.06355	.1771315	.0036344
Stddev	.0043254	.3818	.02169	.39186	.0004080	.0006237
%RSD	1.586838	.2100876	.0867723	.6748781	.2303353	17.16188
#1	.2765888	182.0721	25.00394	58.50775	.1768697	.0036068
#2	.2679956	181.3149	24.97468	57.76682	.1769232	.0030249
#3	.2731554	181.7784	25.01705	57.91607	.1776016	.0042714

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.109514	.1646434	.8016149	7.429804	F 17.10098	.1504900
Stddev	.053568	.0065874	.0032323	.083267	.02991	.0026132
%RSD	.8767966	4.001032	.4032208	1.120719	.1749000	1.736450
#1	6.133726	.1701635	.8038474	7.333990	17.08566	.1512421
#2	6.048115	.1664155	.8030889	7.484648	17.08183	.1526447
#3	6.146703	.1573512	.7979084	7.470775	17.13545	.1475833

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-12 Acquired: 12/29/2024 9:01:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080183	8.132806	11.27062	.0462049	.4687296	.9573578
Stddev	.0003941	.022671	.02881	.0015492	.0041503	.0039890
%RSD	4.914457	.2787660	.2556511	3.352854	.8854269	.4166675
#1	.0084403	8.108451	11.30233	.0448160	.4732571	.9539957
#2	.0076599	8.136669	11.24603	.0459231	.4651054	.9617655
#3	.0079546	8.153297	11.26351	.0478757	.4678263	.9563123

Elem	Li6707
Units	ppm
Avg	.0566364
Stddev	.0007292
%RSD	1.287588
#1	.0560695
#2	.0574591
#3	.0563806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.807	32620.01	2548.250	1645.172	1745.853
Stddev	7.053	71.84	13.790	2.901	3.111
%RSD	.2724320	.2202480	.5411576	.1763447	.1781659
#1	2586.481	32690.32	2541.409	1644.304	1744.469
#2	2583.211	32623.01	2564.123	1648.408	1743.675
#3	2596.729	32546.72	2539.218	1642.804	1749.416

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-13 Acquired: 12/29/2024 9:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837015	-.028911	.4971667	.0565610	.0096347	72.38622
Stddev	.0050028	.003072	.0017670	.0042945	.0014256	.42547
%RSD	5.976982	10.62530	.3554138	7.592633	14.79631	.5877727
#1	.0884356	-.032063	.4953336	.0598726	.0111691	72.62063
#2	.0784674	-.028742	.4973073	.0581018	.0093839	72.64293
#3	.0842014	-.025927	.4988592	.0517087	.0083513	71.89511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018657	.0106892	.0053114	208.5193	.1189016	.0501962
Stddev	.006272	.0000540	.0001180	1.2835	.0015117	.0004807
%RSD	.6156757	.5051547	2.222039	.6155489	1.271401	.9575750
#1	1.023305	.0107507	.0054390	209.1763	.1205535	.0496445
#2	1.021142	.0106497	.0052061	209.3413	.1175871	.0505245
#3	1.011523	.0106672	.0052892	207.0402	.1185642	.0504197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1377518	142.4597	6.598634	47.44462	.1427061	.0001182
Stddev	.0050579	.9886	.037609	.54505	.0004204	.0012020
%RSD	3.671776	.6939429	.5699551	1.148816	.2945674	1016.969
#1	.1435905	143.1587	6.616986	47.76128	.1431545	.0003655
#2	.1347093	142.8919	6.623545	47.75732	.1423210	.0011773
#3	.1349556	141.3287	6.555372	46.81525	.1426428	-.001188

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5790616	.1820146	.6565052	6.274315	F 13.00719	.0753018
Stddev	.0129118	.0138961	.0015878	.158883	.01033	.0036791
%RSD	2.229773	7.634616	.2418512	2.532268	.0793808	4.885759
#1	.5743381	.1977670	.6551034	6.169941	13.00234	.0770432
#2	.5691768	.1767841	.6561827	6.457166	13.00018	.0777867
#3	.5936700	.1714928	.6582294	6.195838	13.01904	.0710753

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: P5036-13 Acquired: 12/29/2024 9:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068180	2.340725	12.32978	.1018490	.7505999	.2551432
Stddev	.0000272	.003999	.03492	.0022020	.0045796	.0012082
%RSD	.3992000	.1708236	.2832182	2.162023	.6101237	.4735492
#1	.0068208	2.343378	12.35679	.0999827	.7548691	.2549994
#2	.0068437	2.342672	12.29035	.1012868	.7511677	.2564170
#3	.0067895	2.336126	12.34221	.1042777	.7457629	.2540134

Elem	Li6707
Units	ppm
Avg	.1293718
Stddev	.0038286
%RSD	2.959382
#1	.1249561
#2	.1313943
#3	.1317651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.831	30638.74	2373.375	1555.252	1802.393
Stddev	6.741	130.93	4.762	8.863	3.329
%RSD	.2770661	.4273492	.2006308	.5698477	.1846939
#1	2430.421	30615.84	2370.174	1560.180	1803.351
#2	2440.446	30520.76	2371.104	1545.021	1805.139
#3	2427.628	30779.61	2378.847	1560.556	1798.691

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-14 Acquired: 12/29/2024 9:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595398	-.020961	.2906604	.0434685	.0063952	59.99499	.7882688
Stddev	.0009629	.001450	.0023256	.0044836	.0012538	.29888	.0027369
%RSD	1.617163	6.916210	.8001256	10.31455	19.60558	.4981753	.3472002
#1	.0597819	-.019462	.2926009	.0469007	.0056387	60.29225	.7909953
#2	.0603585	-.022356	.2880825	.0451092	.0057044	59.99821	.7882895
#3	.0584790	-.021064	.2912976	.0383957	.0078424	59.69452	.7855217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093862	.0040543	458.8850	.0938615	.0753089	.1663123	147.3956
Stddev	.0002546	.0000229	2.0194	.0007409	.0004194	.0047096	.4740
%RSD	2.712617	.5646266	.4400714	.7893754	.5569320	2.831793	.3215908
#1	.0095405	.0040326	461.0994	.0940277	.0748916	.1716092	147.8070
#2	.0095258	.0040782	458.4104	.0930516	.0757304	.1647305	147.5027
#3	.0090923	.0040520	457.1451	.0945052	.0753047	.1625972	146.8772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.787630	107.8468	.1741432	-.000574	.9987198	.1668449	.5079608
Stddev	.029759	.5307	.0008479	.001185	.0202491	.0051093	.0024378
%RSD	.3821271	.4920580	.4868935	206.5954	2.027508	3.062300	.4799206
#1	7.817665	108.3703	.1749355	-.001511	.9922336	.1727001	.5097048
#2	7.787070	107.8611	.1742452	-.000968	1.021417	.1645436	.5051752
#3	7.758155	107.3092	.1732489	.000758	.982509	.1632910	.5090024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332798	8.241890	.0763181	.0065148	1.122607	11.19476	.0339201
Stddev	.010040	.011587	.0024122	.0004408	.008468	.09131	.0011263
%RSD	.1882596	.1405901	3.160735	6.766780	.7543061	.8156935	3.320507
#1	5.332273	8.232177	.0740735	.0063230	1.112834	11.29525	.0326211
#2	5.323031	8.254716	.0760121	.0070191	1.127219	11.17219	.0346243
#3	5.343089	8.238778	.0788687	.0062024	1.127767	11.11685	.0345149

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-14 Acquired: 12/29/2024 9:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8664480	.4746519	.1149428
Stddev	.0036503	.0035346	.0019507
%RSD	.4212950	.7446660	1.697134
#1	.8703711	.4786665	.1166120
#2	.8631517	.4732814	.1154181
#3	.8658212	.4720079	.1127984

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.636	29031.63	2259.776	1460.934	1705.572
Stddev	7.969	83.86	14.092	3.928	5.738
%RSD	.3463638	.2888481	.6236085	.2688367	.3364372
#1	2305.882	29128.45	2244.070	1459.783	1709.877
#2	2304.559	28984.63	2263.945	1465.308	1707.781
#3	2291.467	28981.82	2271.314	1457.710	1699.057

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-15 Acquired: 12/29/2024 9:13:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401388	-.012970	.1735171	.0303621	-.000708	49.55754	.5005643
Stddev	.0013860	.006919	.0025438	.0051507	.003210	.16476	.0017662
%RSD	3.453061	53.35063	1.465991	16.96428	453.1074	.3324615	.3528371
#1	.0408247	-.020867	.1756735	.0289877	.002850	49.74460	.5021326
#2	.0385436	-.010072	.1707118	.0360606	-.003385	49.43399	.4986511
#3	.0410481	-.007970	.1741661	.0260381	-.001590	49.49402	.5009093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078598	.0024260	484.4675	.0761792	.0563004	.1122573	121.2544
Stddev	.0000888	.0000342	2.1192	.0007409	.0003291	.0073623	.5640
%RSD	1.129679	1.411813	.4374244	.9726263	.5845513	6.558423	.4651002
#1	.0079609	.0024652	486.8773	.0754759	.0561758	.1194419	121.8986
#2	.0077944	.0024016	482.8946	.0761090	.0566736	.1126006	120.8501
#3	.0078241	.0024113	483.6306	.0769528	.0560517	.1047293	121.0144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.484146	79.97138	.1258297	-.001063	.8496771	.1080504	.3838686
Stddev	.008594	.41480	.0004901	.000418	.0308011	.0016602	.0036997
%RSD	.2466624	.5186918	.3894669	39.29280	3.625038	1.536457	.9638074
#1	3.493195	80.35084	.1262531	-.001512	.8378086	.1068516	.3827715
#2	3.483147	80.03479	.1252929	-.000685	.8846469	.1073543	.3808414
#3	3.476094	79.52853	.1259431	-.000993	.8265758	.1099453	.3879928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.100847	6.893580	.0637882	.0034294	1.075790	10.15184	.0236377
Stddev	.198079	.007855	.0018500	.0004281	.004231	.10599	.0002766
%RSD	4.830187	.1139538	2.900184	12.48261	.3933336	1.044092	1.170185
#1	4.328111	6.885633	.0659141	.0030986	1.079955	10.23407	.0239051
#2	3.964894	6.893766	.0625445	.0039129	1.071495	10.18924	.0233527
#3	4.009535	6.901341	.0629059	.0032767	1.075919	10.03222	.0236553

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-15 Acquired: 12/29/2024 9:13:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7503117	.5856585	.0963507
Stddev	.0032357	.0037323	.0016465
%RSD	.4312447	.6372788	1.708829
#1	.7466468	.5899247	.0944538
#2	.7515147	.5829966	.0974104
#3	.7527736	.5840541	.0971877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.624	28813.79	2237.873	1452.857	1738.159
Stddev	4.073	197.04	20.499	18.732	3.223
%RSD	.1785765	.6838457	.9159818	1.289347	.1854282
#1	2284.732	28750.54	2214.294	1449.195	1741.767
#2	2280.552	29034.69	2247.872	1473.150	1737.143
#3	2276.587	28656.14	2251.453	1436.226	1735.566

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-16 Acquired: 12/29/2024 9:17:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725498	-.043884	1.094038	.0650756	.0169612	62.39982
Stddev	.0080151	.002635	.001087	.0034228	.0017566	.96677
%RSD	11.04769	6.004499	.0993332	5.259675	10.35674	1.549323
#1	.0775768	-.044407	1.093058	.0615728	.0149328	61.80216
#2	.0767660	-.046218	1.093848	.0652418	.0179858	61.88210
#3	.0633067	-.041026	1.095207	.0684123	.0179649	63.51520

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.041762	.0101385	.0054145	64.59509	.1230567	.0363305
Stddev	.015651	.0003416	.0000698	.88571	.0015097	.0009035
%RSD	1.502339	3.369060	1.288549	1.371178	1.226851	2.486831
#1	1.032227	.0099112	.0053535	63.93621	.1245183	.0373682
#2	1.033235	.0099729	.0054905	64.24710	.1231486	.0359047
#3	1.059825	.0105313	.0053994	65.60195	.1215031	.0357186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2329752	135.4022	4.726718	25.33919	.1559264	-.000367
Stddev	.0103701	1.8190	.065667	.40437	.0004287	.000646
%RSD	4.451139	1.343375	1.389274	1.595836	.2749297	176.0396
#1	.2274487	134.1105	4.674437	24.93262	.1557619	-.001099
#2	.2265390	134.6138	4.705296	25.34362	.1556044	.000124
#3	.2449380	137.4823	4.800421	25.74133	.1564130	-.000126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4848273	.1516342	1.277634	7.466725	F 11.94372	.0819034
Stddev	.0193400	.0056472	.011665	.154437	.02072	.0018632
%RSD	3.989051	3.724250	.9129811	2.068330	.1734476	2.274879
#1	.4899697	.1494277	1.291085	7.311911	11.93247	.0823173
#2	.4634358	.1474233	1.271518	7.467482	11.93107	.0835248
#3	.5010764	.1580516	1.270300	7.620781	11.96763	.0798680

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: P5036-16 Acquired: 12/29/2024 9:17:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058881	3.296769	11.14949	.0672628	.7742164	.0345068
Stddev	.0003151	.011811	.15705	.0020957	.0114894	.0013540
%RSD	5.350749	.3582471	1.408594	3.115676	1.483999	3.923762
#1	.0055323	3.285324	11.04259	.0648449	.7668746	.0331367
#2	.0061318	3.308914	11.07608	.0685577	.7683177	.0345396
#3	.0060001	3.296069	11.32980	.0683857	.7874570	.0358440

Elem	Li6707
Units	ppm
Avg	.0976861
Stddev	.0042584
%RSD	4.359309
#1	.0932896
#2	.0979771
#3	.1017915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.906	30242.32	2334.594	1537.770	1886.676
Stddev	8.076	90.42	31.210	7.204	5.812
%RSD	.3334639	.2989960	1.336869	.4684723	.3080440
#1	2412.616	30164.26	2363.159	1531.363	1881.088
#2	2427.254	30221.30	2339.341	1536.380	1892.689
#3	2425.848	30341.40	2301.282	1545.568	1886.251

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: CCV038 Acquired: 12/29/2024 9:21:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.197273	4.863711	25.08263	5.165920	5.064732	415.2545	10.32467
Stddev	.010102	.007733	.02068	.010115	.004783	1.6654	.03817
%RSD	.1943683	.1590037	.0824521	.1957940	.0944321	.4010657	.3697196
#1	5.188197	4.868789	25.10620	5.166482	5.065256	413.3392	10.28060
#2	5.195466	4.867533	25.06752	5.175741	5.069231	416.3618	10.34637
#3	5.208157	4.854810	25.07417	5.155535	5.059709	416.0626	10.34705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5238895	2.530988	411.5235	15.75652	2.442253	15.08171	414.2735
Stddev	.0013659	.002413	1.3947	.01611	.004040	.02902	2.1175
%RSD	.2607307	.0953249	.3389006	.1022358	.1654224	.1924059	.5111374
#1	.5248218	2.533027	409.9224	15.74010	2.446884	15.05159	411.8286
#2	.5223216	2.528325	412.1742	15.75716	2.439453	15.08404	415.5253
#3	.5245251	2.531614	412.4739	15.77229	2.440421	15.10949	415.4665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91130	408.4508	2.545134	1.300856	421.5028	2.507632	15.29885
Stddev	.07327	1.8048	.004151	.003655	1.1567	.014682	.02663
%RSD	.4913931	.4418548	.1631135	.2809544	.2744123	.5854885	.1740351
#1	14.82679	406.6002	2.549535	1.296887	420.9391	2.491264	15.27189
#2	14.95704	410.2059	2.544580	1.304083	420.7361	2.511996	15.32513
#3	14.95008	408.5464	2.541287	1.301599	422.8333	2.519638	15.29952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.5323	5.088915	5.112882	5.062233	5.168297	4.984465	5.106403
Stddev	.5836	.010335	.014107	.006836	.007691	.013175	.000884
%RSD	.3776640	.2030817	.2759091	.1350480	.1488120	.2643206	.0173115
#1	153.8690	5.092204	5.111079	5.069138	5.175129	4.997474	5.106881
#2	154.9668	5.097204	5.127804	5.062094	5.169794	4.984790	5.106946
#3	154.7612	5.077336	5.099764	5.055467	5.159967	4.971130	5.105383

Reviewed By:mohan
On:12/31/2024
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Inst Id :P5

Sample Name: CCV038 Acquired: 12/29/2024 9:21:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.040636	4.842643	5.223560
Stddev	.029157	.014095	.017601
%RSD	.5784301	.2910507	.3369617
#1	5.007058	4.826619	5.205767
#2	5.059544	4.848191	5.223950
#3	5.055305	4.853119	5.240963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.438	23553.58	1907.226	1141.443	1547.832
Stddev	2.623	28.04	7.926	3.326	1.473
%RSD	.1436312	.1190432	.4155813	.2913804	.0951471
#1	1824.168	23532.49	1898.084	1141.053	1546.132
#2	1825.835	23585.40	1911.414	1138.330	1548.675
#3	1829.310	23542.84	1912.179	1144.947	1548.689

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB038 Acquired: 12/29/2024 9:24:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.002075	.0023083	.0002146	-.001584	-.001733	-.007862
Stddev	.002193	.0024703	.0015798	.003285	.004205	.018253
%RSD	105.7046	107.0151	736.3488	207.4096	242.5509	232.1837
#1	.000246	.0042540	.0019571	-.003359	-.000852	-.017827
#2	-.002358	.0031419	-.001124	-.003599	.001960	.013205
#3	-.004112	-.000471	-.000189	.002207	-.006309	-.018963

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001031	.0000325	.0000030	.0115542	.0001519	.0006208
Stddev	.001261	.0001170	.0000470	.0326807	.0002169	.0002755
%RSD	122.2986	359.5134	1574.684	282.8463	142.7691	44.38236
#1	-.002445	.0001352	-.000020	-.000222	-.000097	.0008465
#2	-.000628	-.000095	.000057	-.013606	.000297	.0003138
#3	-.000021	.000057	-.000029	.048491	.000256	.0007020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007898	.0196691	-.000335	-.039699	.0006646	-.000320
Stddev	.005901	.0344298	.001198	.064368	.0003955	.000762
%RSD	74.71422	175.0452	357.7008	162.1397	59.50395	238.1614
#1	-.007682	.0553204	-.001141	-.113998	.0006154	-.001103
#2	-.013903	.0170798	.001042	-.004247	.0010824	.000418
#3	-.002108	-.013393	-.000905	-.000851	.0002961	-.000274

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053329	-.015463	.0018140	.0985437	.0037841	.0104206
Stddev	.0326993	.005823	.0006880	.1490112	.0023970	.0022832
%RSD	613.1669	37.65721	37.92904	151.2133	63.34434	21.91010
#1	-.013243	-.012256	.0023987	-.068518	.0014006	.0114882
#2	.043089	-.011949	.0019875	.146408	.0037573	.0119743
#3	-.013847	-.022184	.0010558	.217741	.0061945	.0077992

Reviewed By:mohan
On:12/31/2024
11:25:59 PM
Inst Id :P5

Sample Name: CCB038 Acquired: 12/29/2024 9:24:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v49) 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	-.000110	.0078613	.0007972	-.000651	.0063130	.0001100
Stddev	.000232	.0053847	.0010669	.000471	.0043470	.0001668
%RSD	210.4629	68.49691	133.8356	72.36834	68.85746	151.6605
#1	.000099	.0093361	-.000303	-.001167	.0076853	-.000051
#2	-.000360	.0018928	.001827	-.000246	.0014455	.000282
#3	-.000070	.0123549	.000867	-.000538	.0098083	.000100

Elem	Li6707
Units	ppm
Avg	F .0249573
Stddev	.0041886
%RSD	16.78319
#1	.0275405
#2	.0201245
#3	.0272069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.724	25919.58	1962.559	1321.433	1856.062
Stddev	2.664	190.54	25.048	13.210	4.848
%RSD	.1298014	.7351079	1.276293	.9996491	.2611926
#1	2054.925	25931.34	1936.446	1324.033	1859.583
#2	2049.761	25723.44	1986.385	1307.117	1850.533
#3	2053.485	26103.97	1964.846	1333.150	1858.071