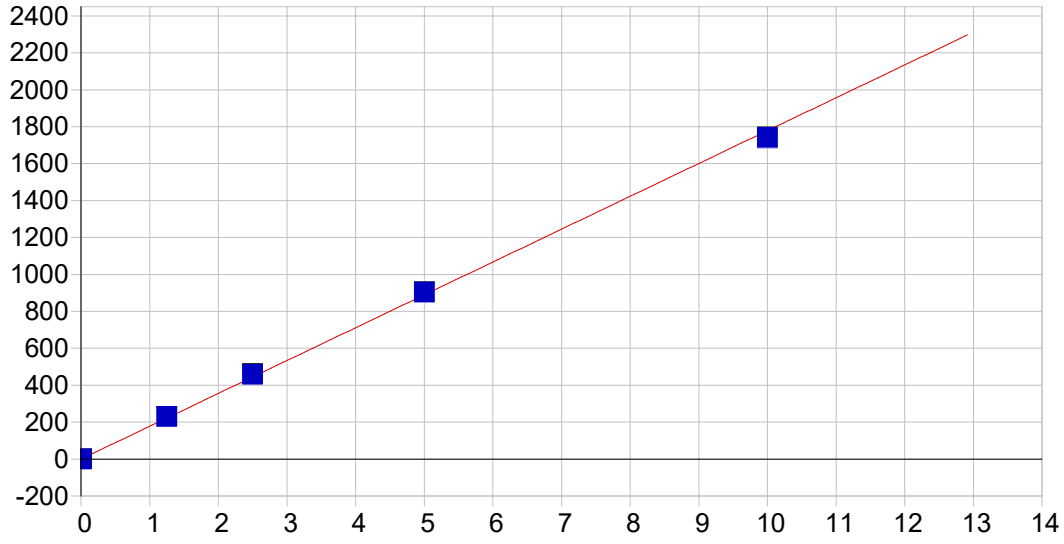
Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5



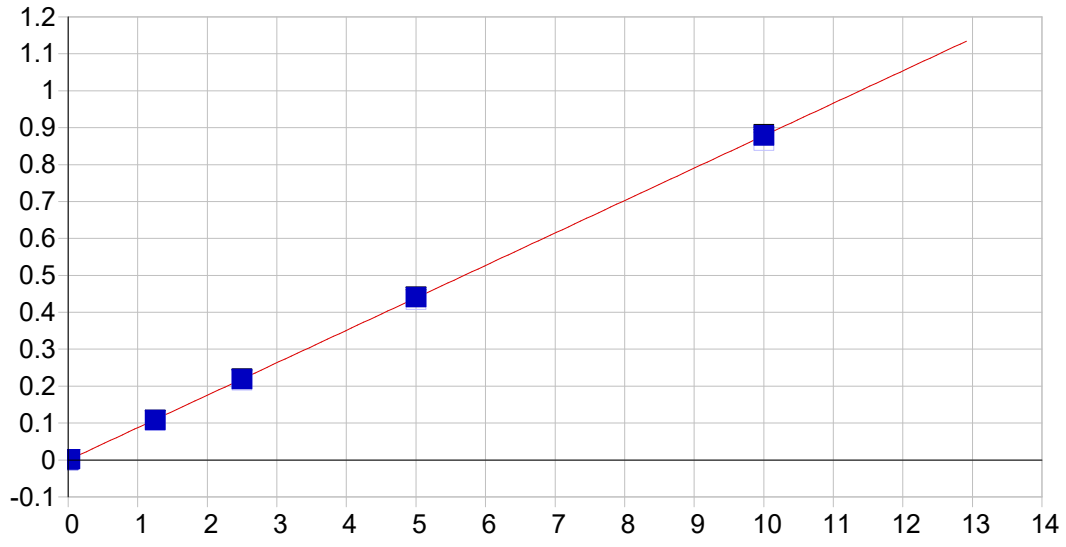

**As 189.042 {478}**

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

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

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

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



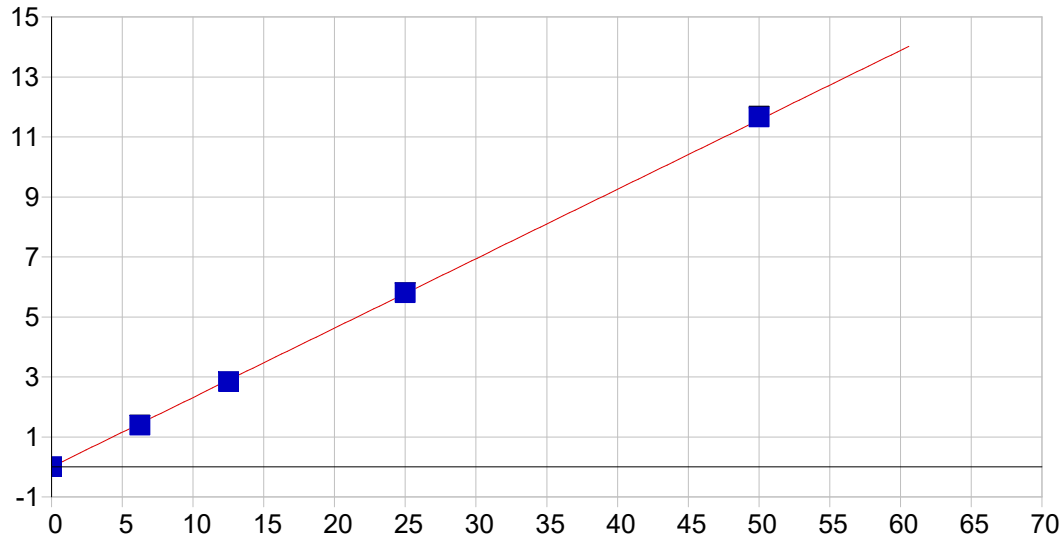

**Tl 190.856 {477}**

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

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

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

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



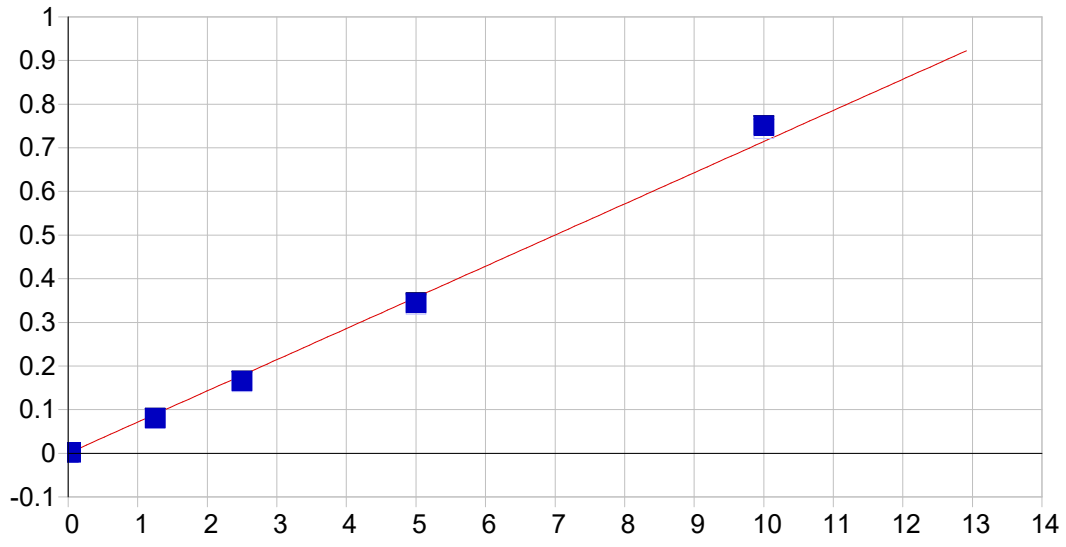

**Pb 220.353 {453}**

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

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

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

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



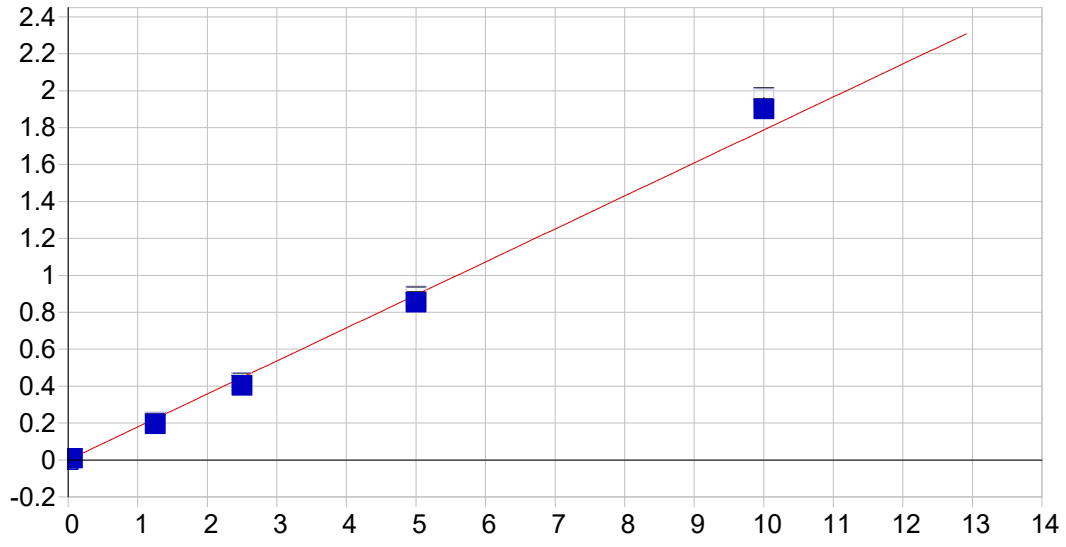

**Se 196.090 {472}**

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

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

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

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



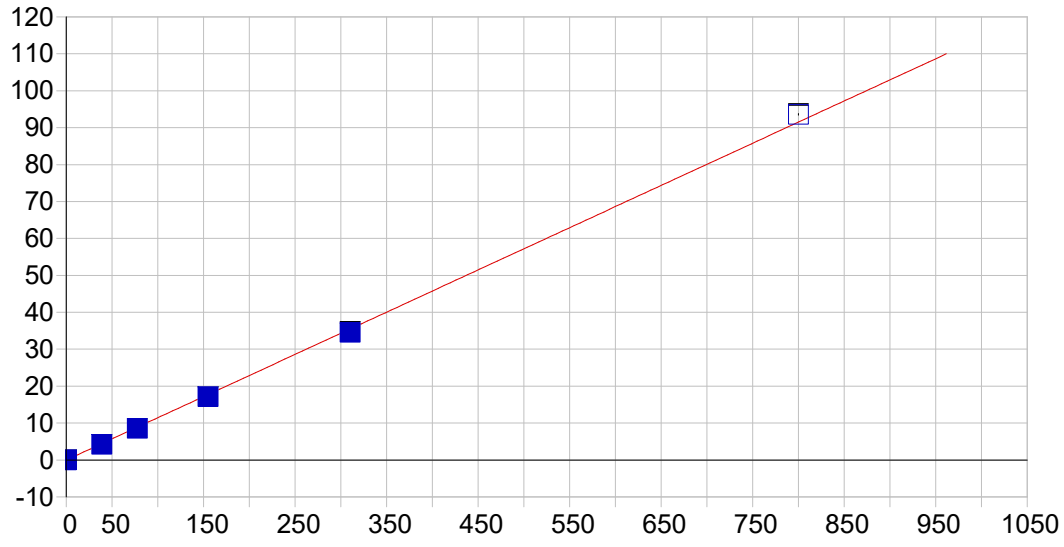

**Sb 206.833 {463}**

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

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

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

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



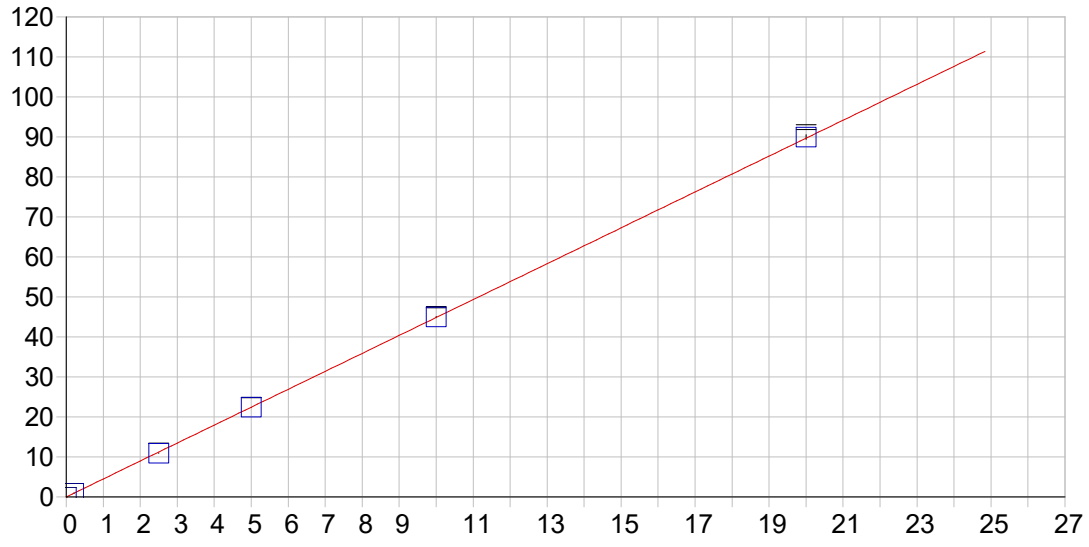

**Al 396.152 { 85}**

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

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

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

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



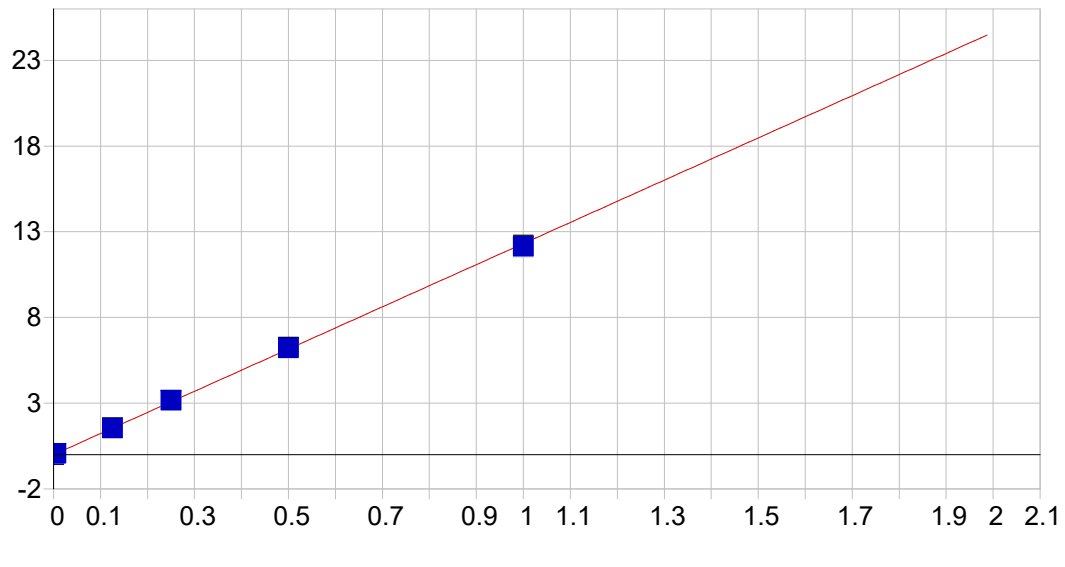

**Ba 493.409 { 68}**

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

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

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

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



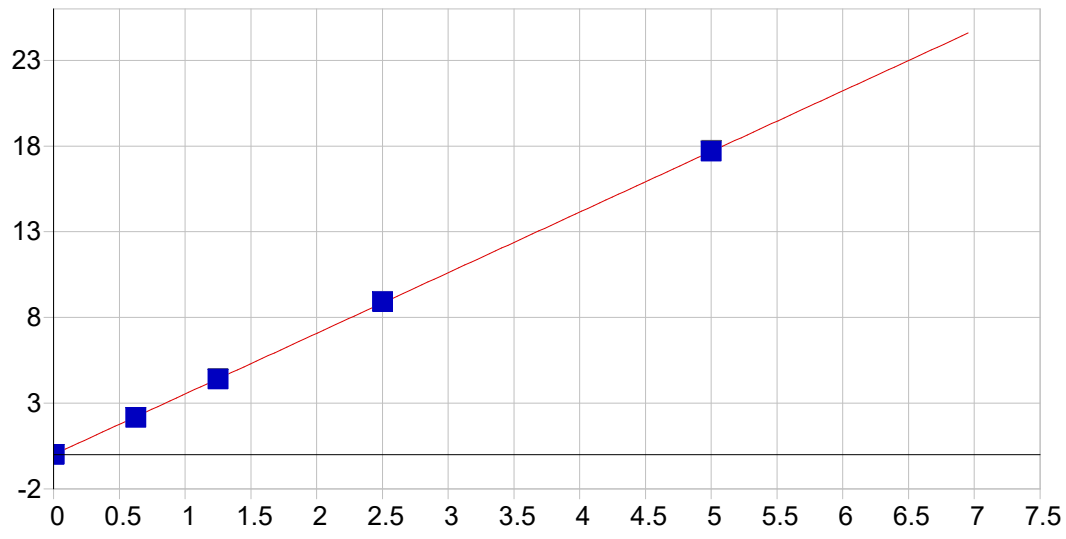

**Be 234.861 {144}**

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

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

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

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




**Cd 214.438 {457}**

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

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

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

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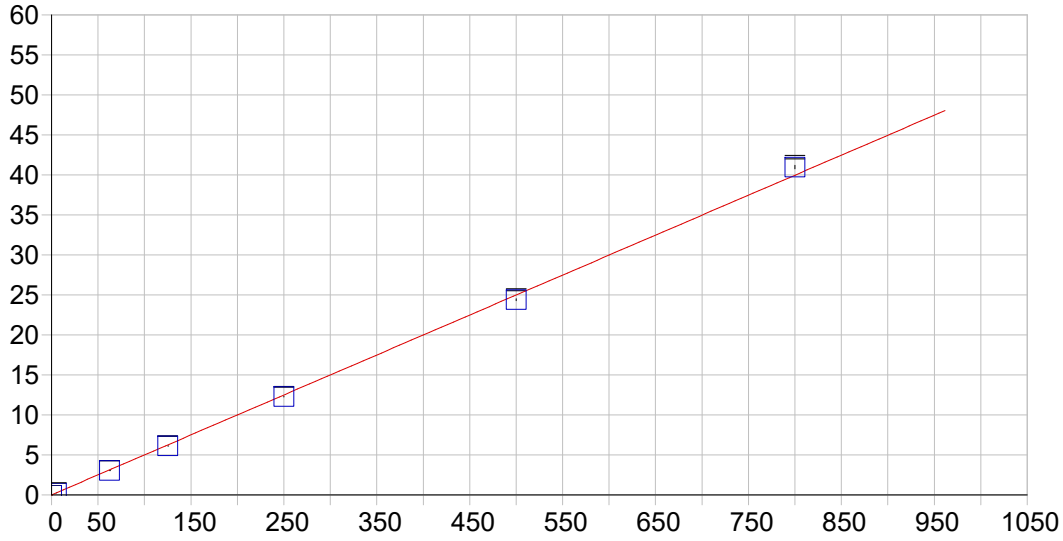


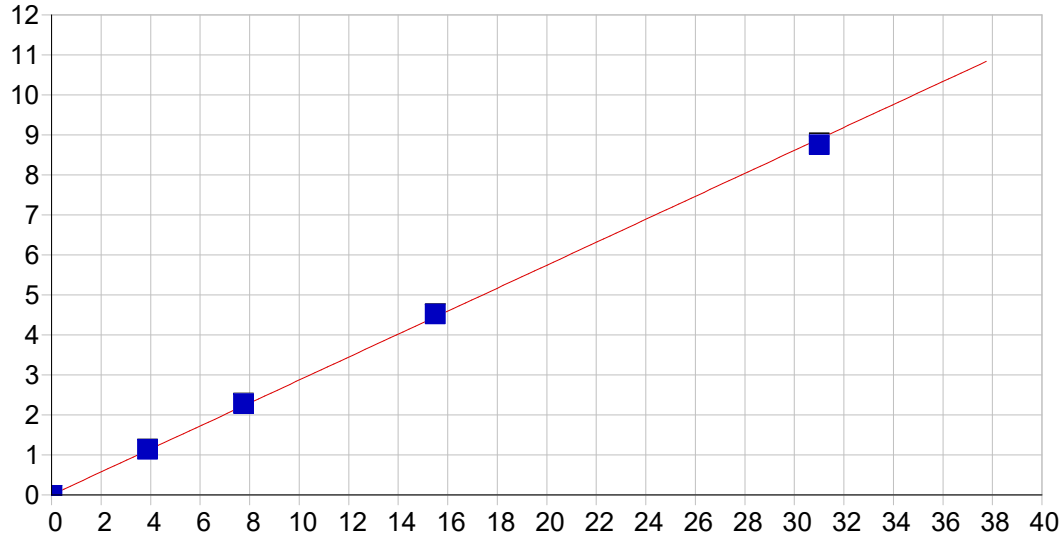

**Ca 373.690 { 90}**

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

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

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

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



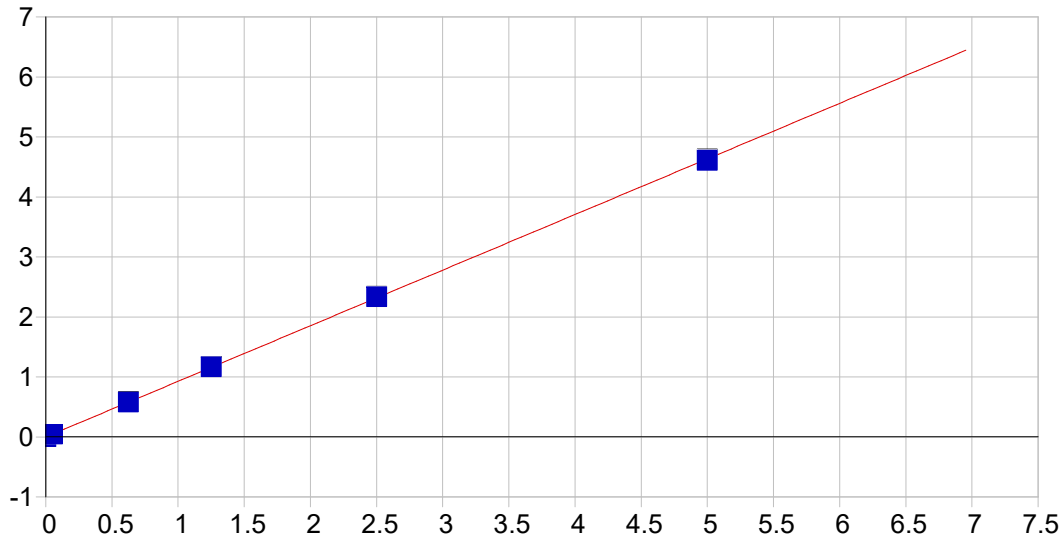

**Cr 267.716 {126}**

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

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

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

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



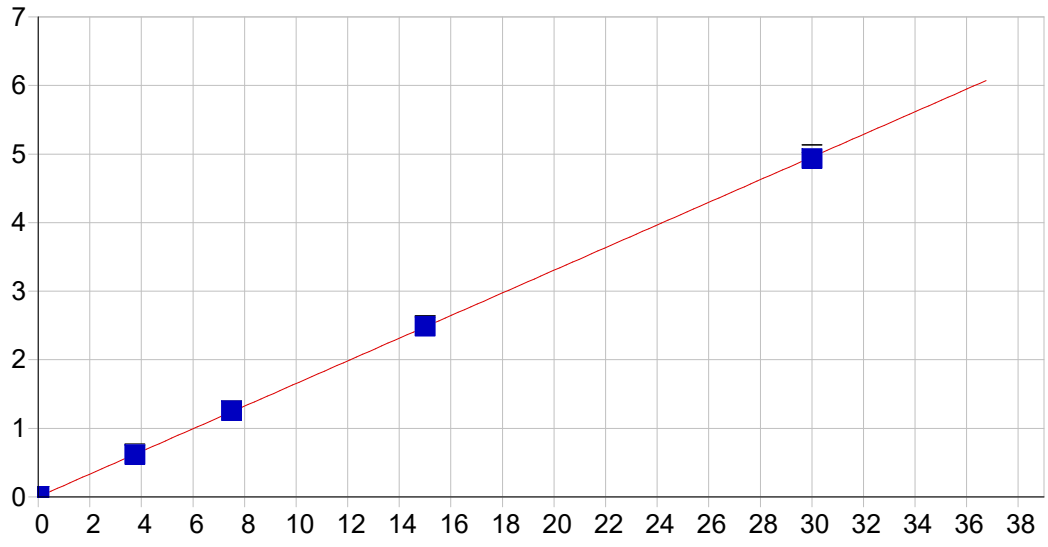

**Co 228.616 {448}**

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

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

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

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



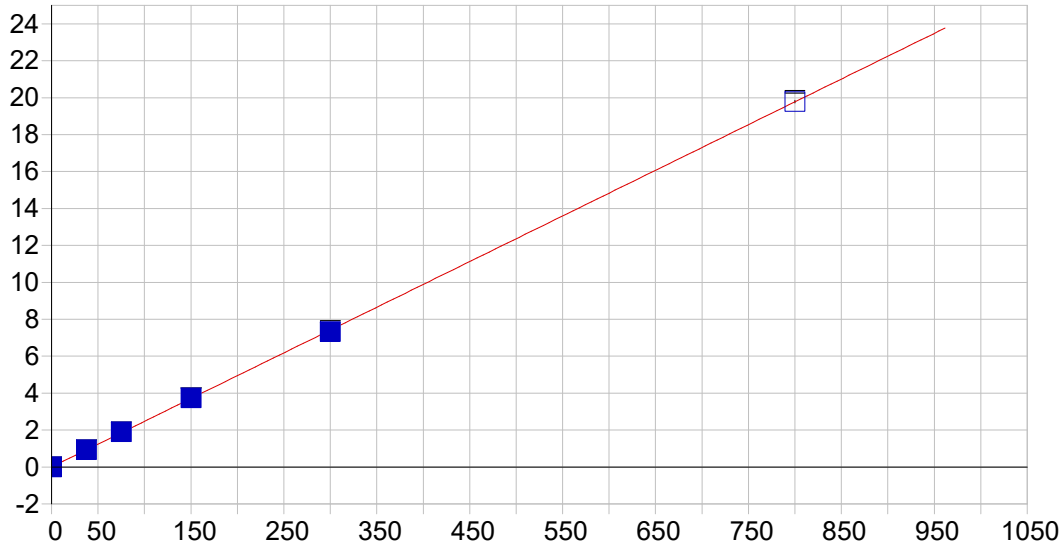

**Cu 324.754 {104}**

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

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

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

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



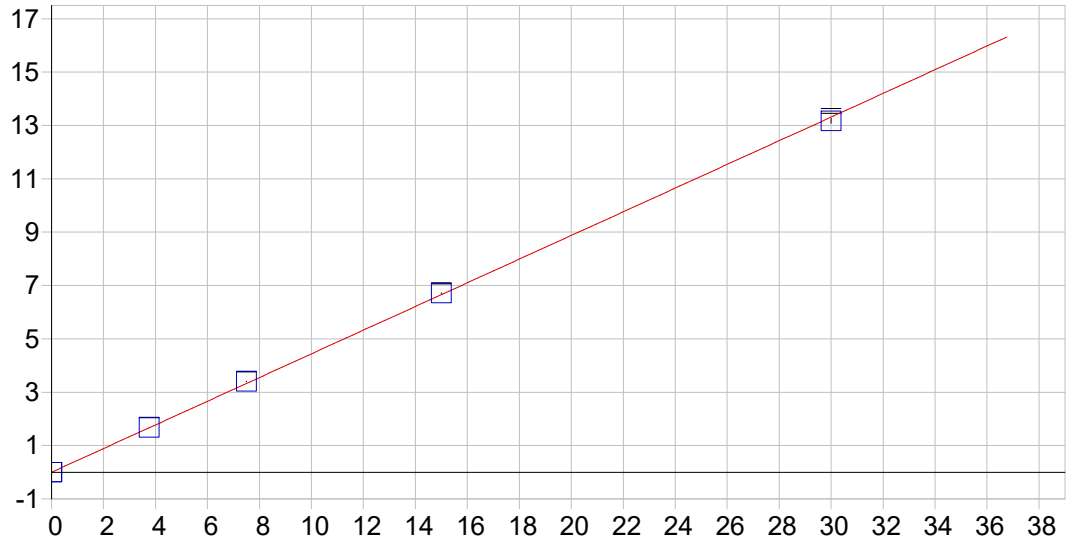

**Fe 259.837 {130}**

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

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

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

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



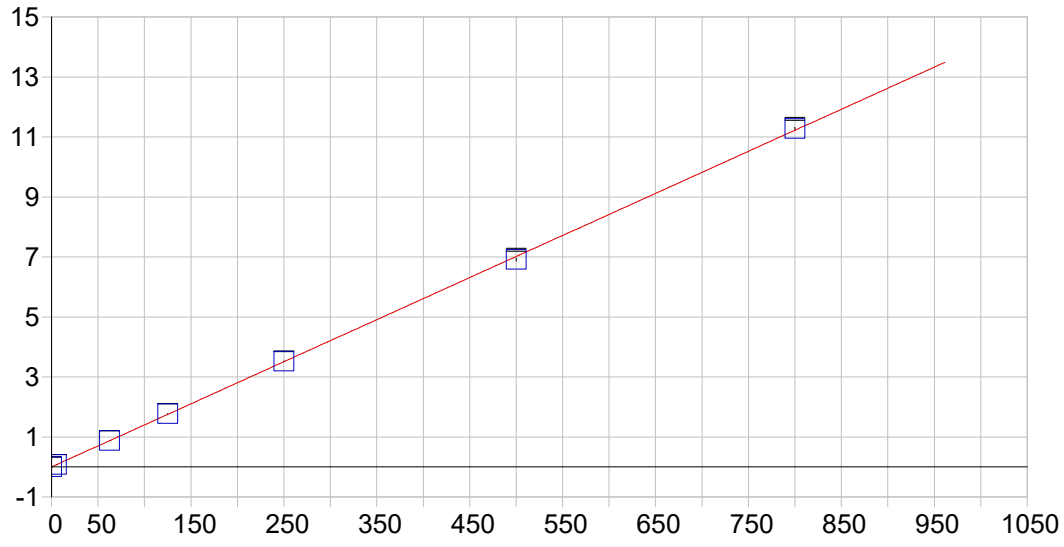

**Mn 257.610 {131}**

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

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

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

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



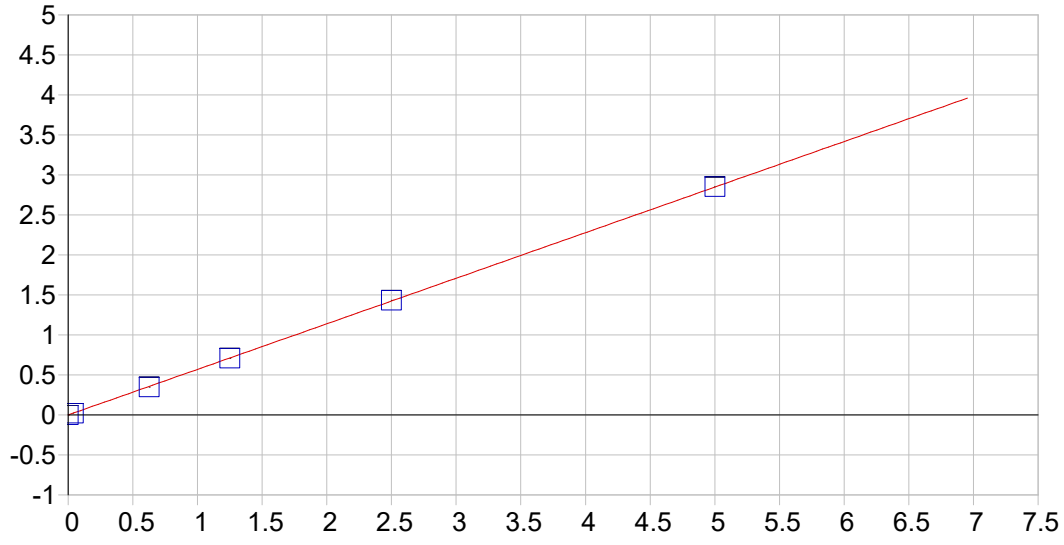

**Mg 279.079 {121}**

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

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

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

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



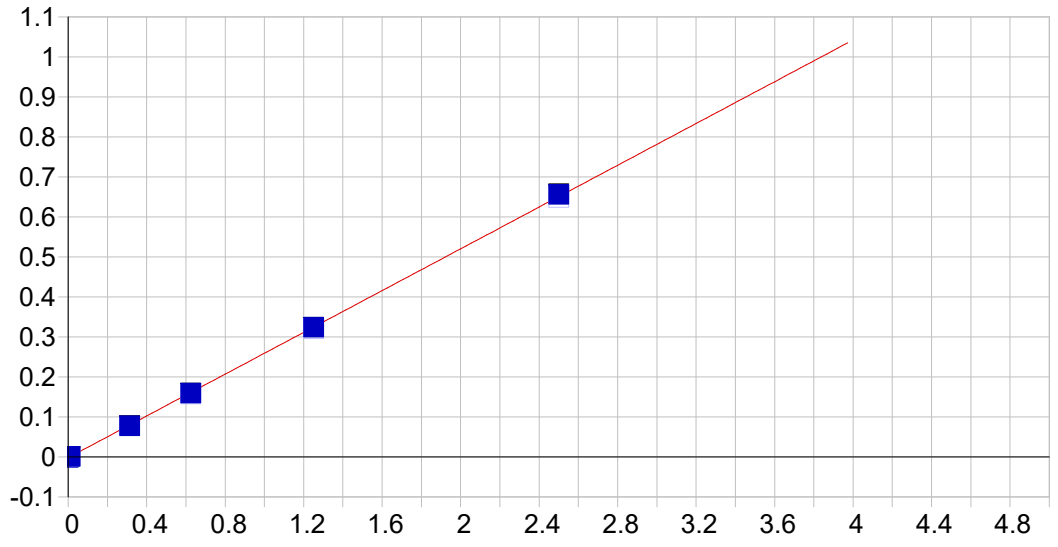

**Ni 231.604 {446}**

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

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

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

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



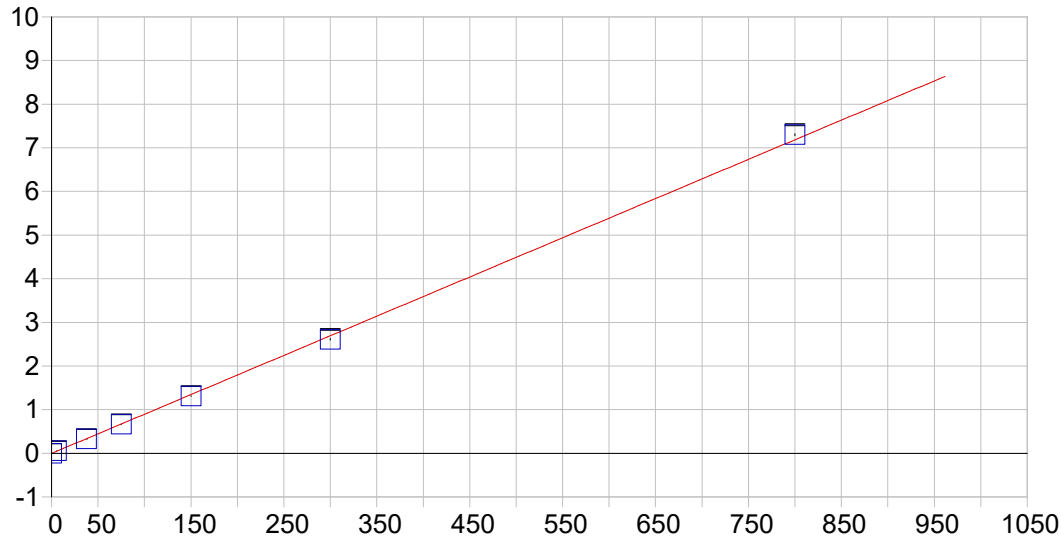

**Ag 328.068 {103}**

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

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

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

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



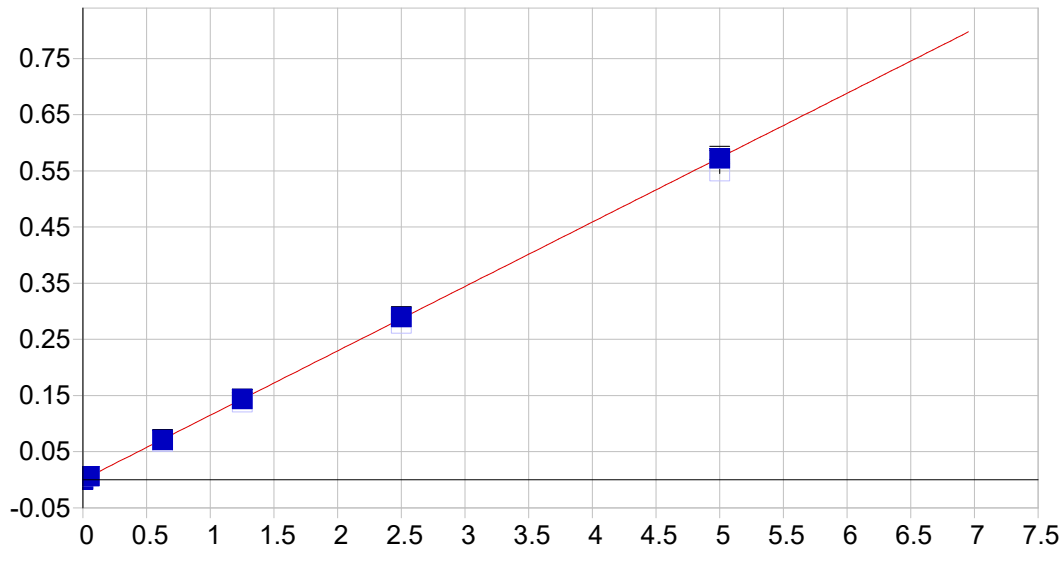

**Na 818.326 { 41}**

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

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

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

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



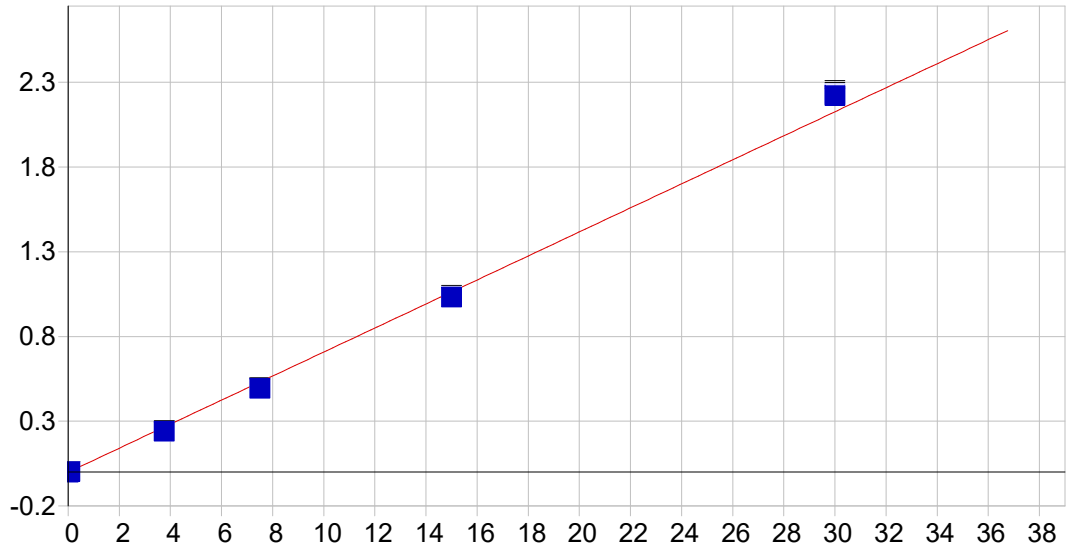

**V 292.402 {115}**

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

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

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

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



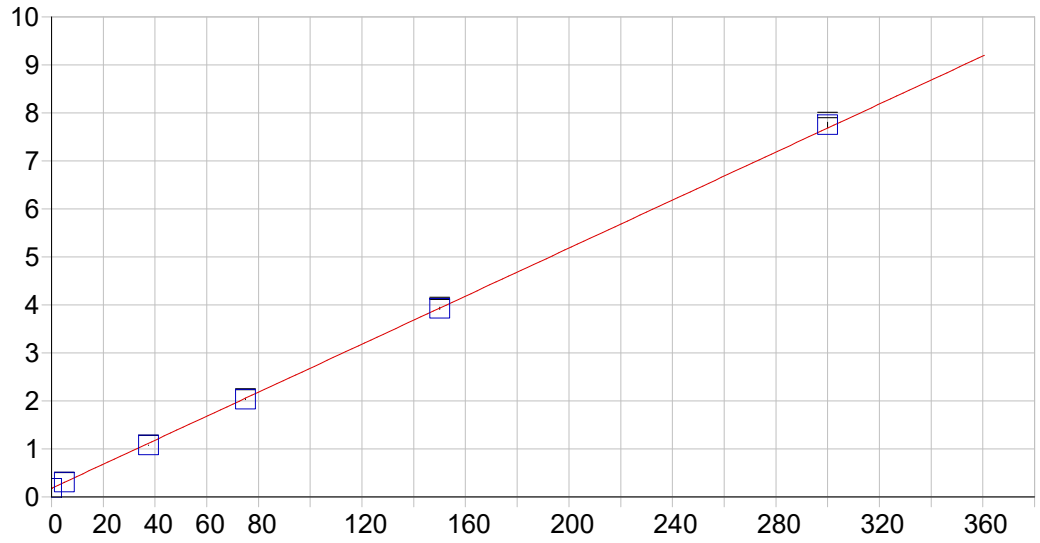

**Zn 213.856 {158}**

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

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

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

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



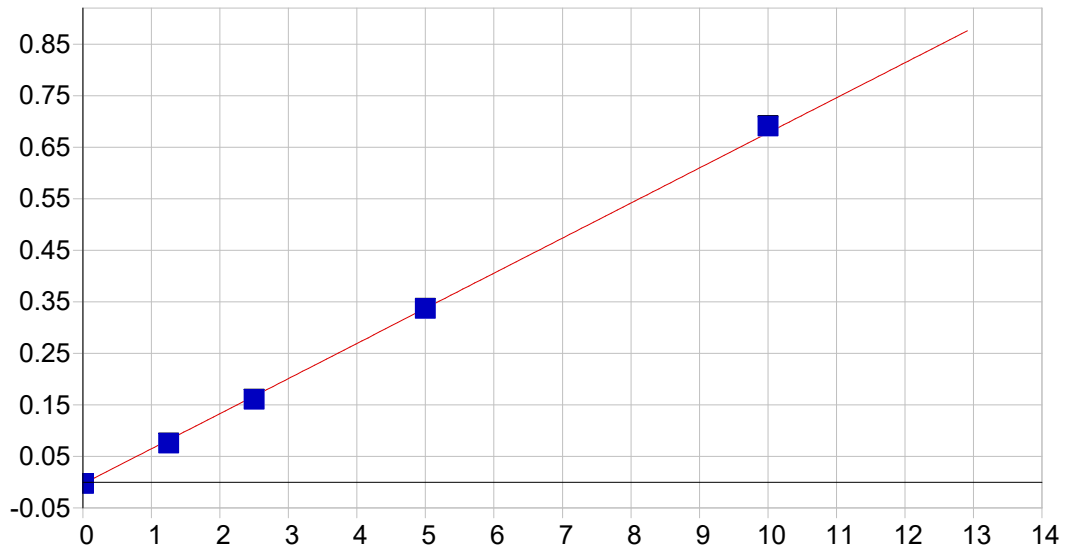

**K 769.896 { 44}**

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

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

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

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



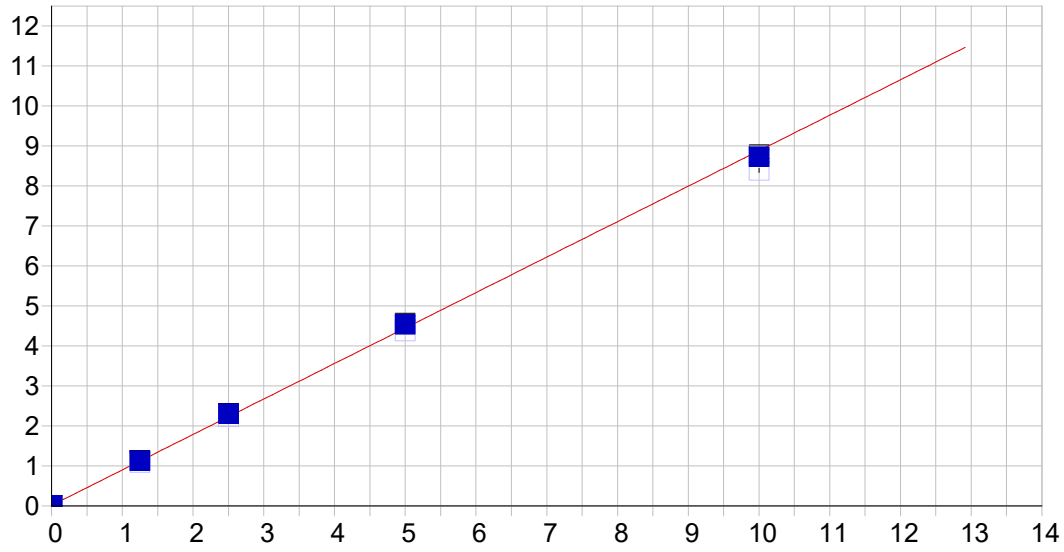

**P 177.495 {490}**

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

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

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

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



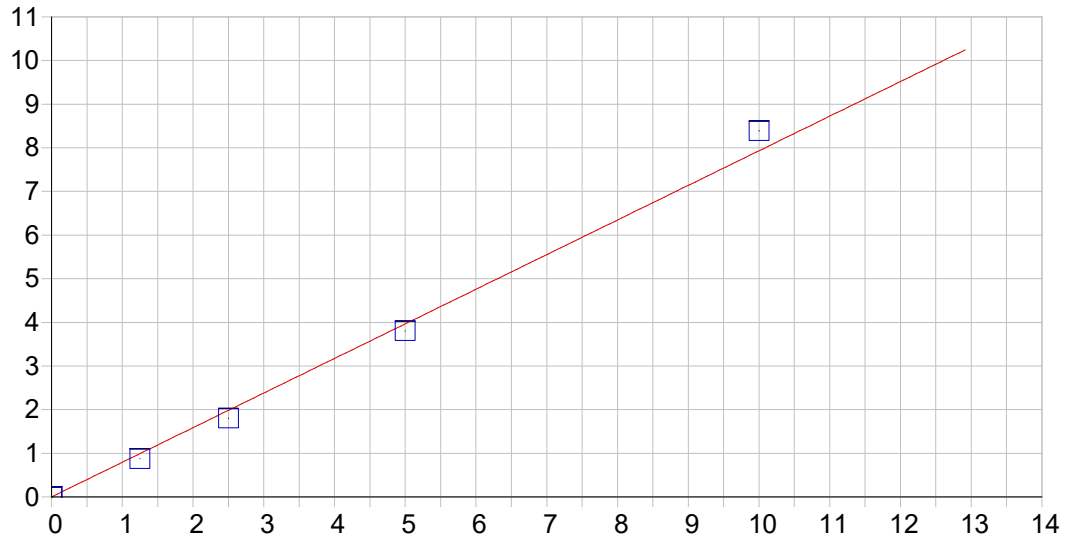

**B 249.678 {135}**

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

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

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

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



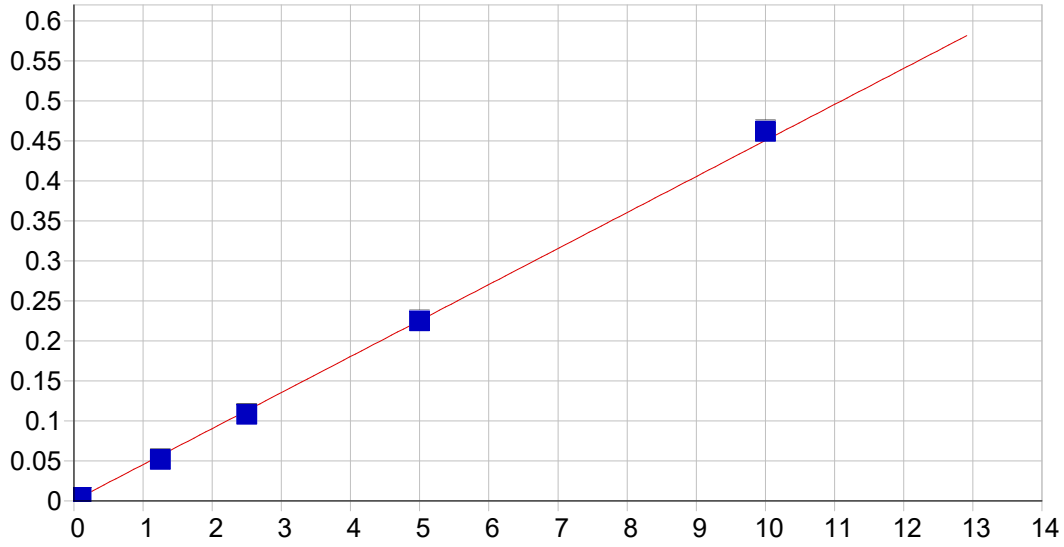

**Mo 202.030 {467}**

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

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

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

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



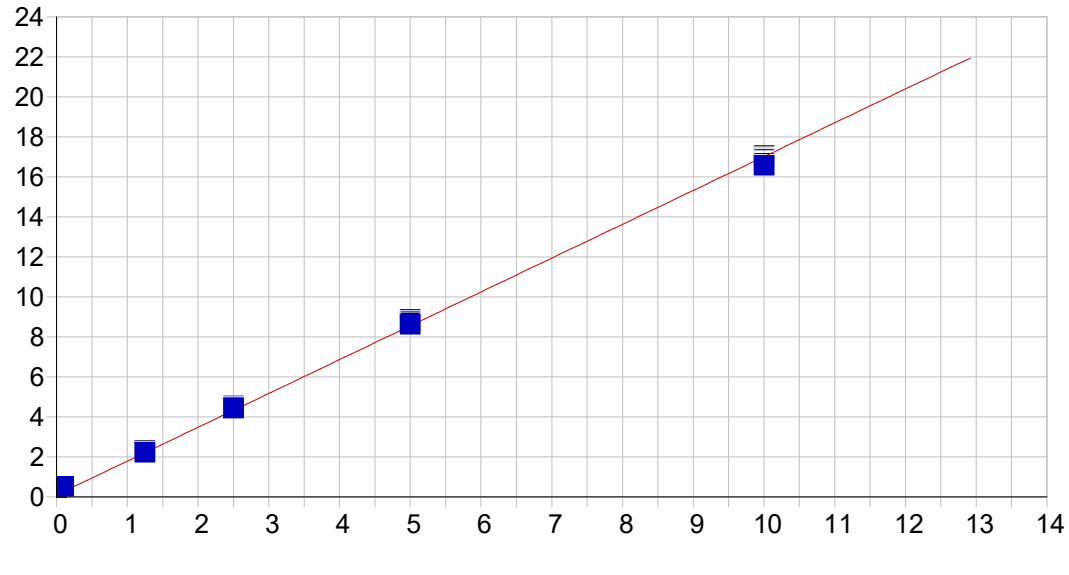

**S 182.034 {485}**

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

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

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

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



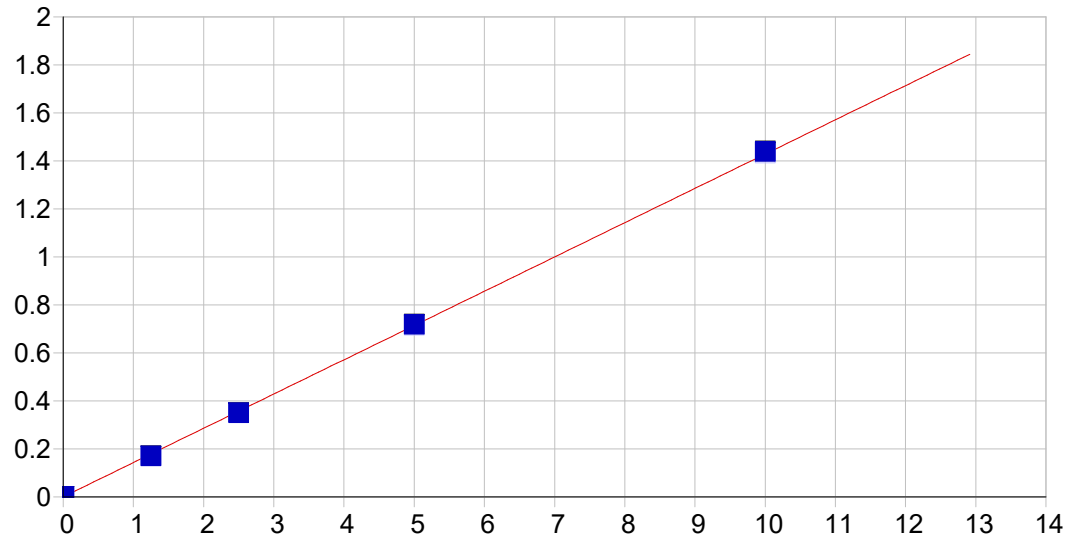

**Si 251.611 {134}**

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

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

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

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



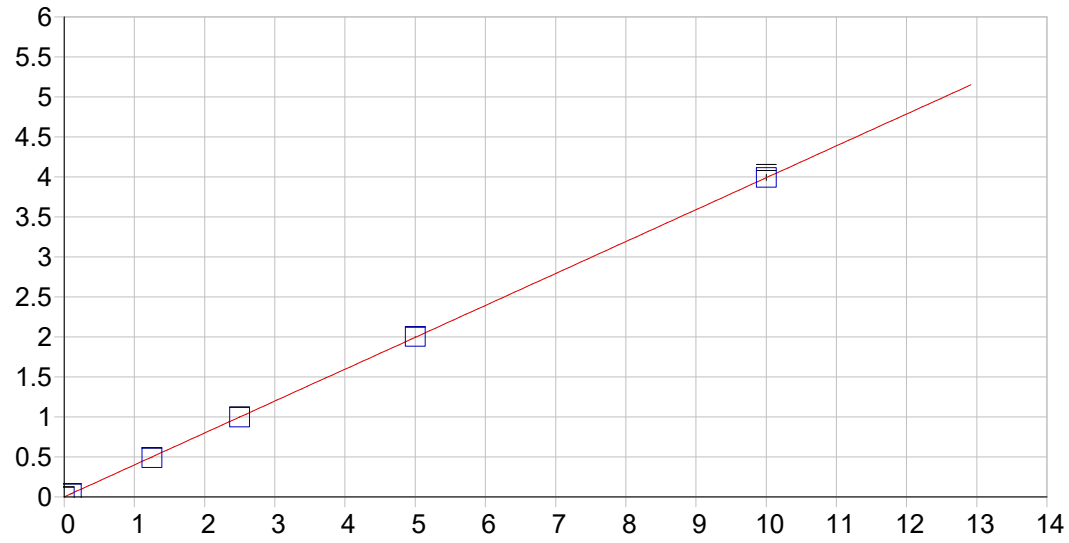

**Sn 189.989 {478}**

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

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

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

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



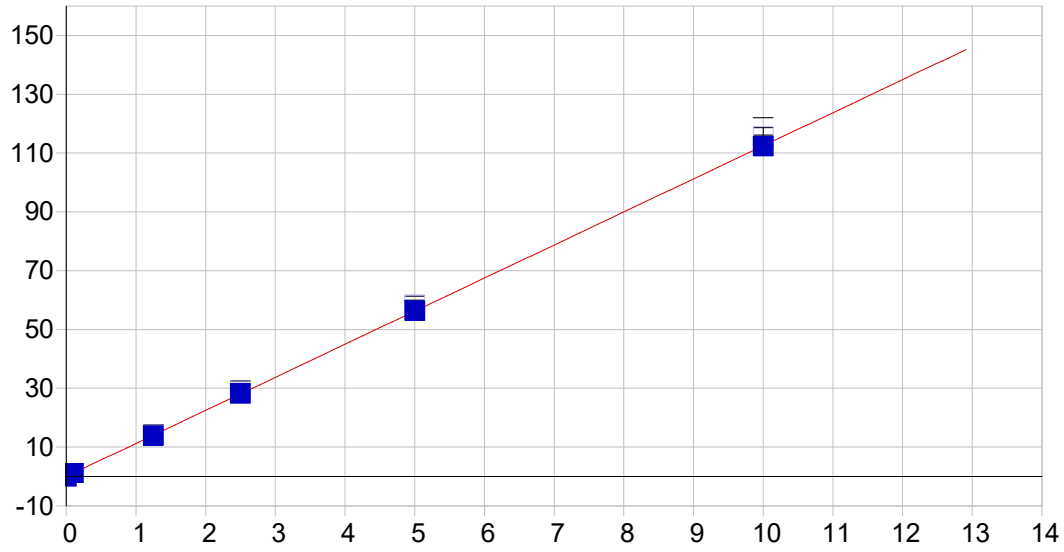

**Ti 336.121 {100}**

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

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

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

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



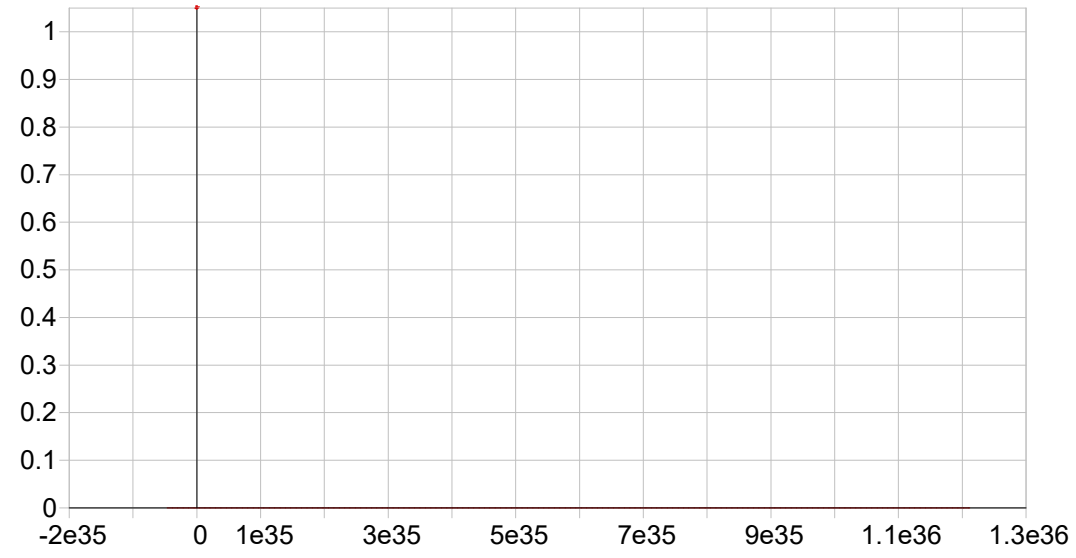

**Sr 407.771 { 83}**

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

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

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

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

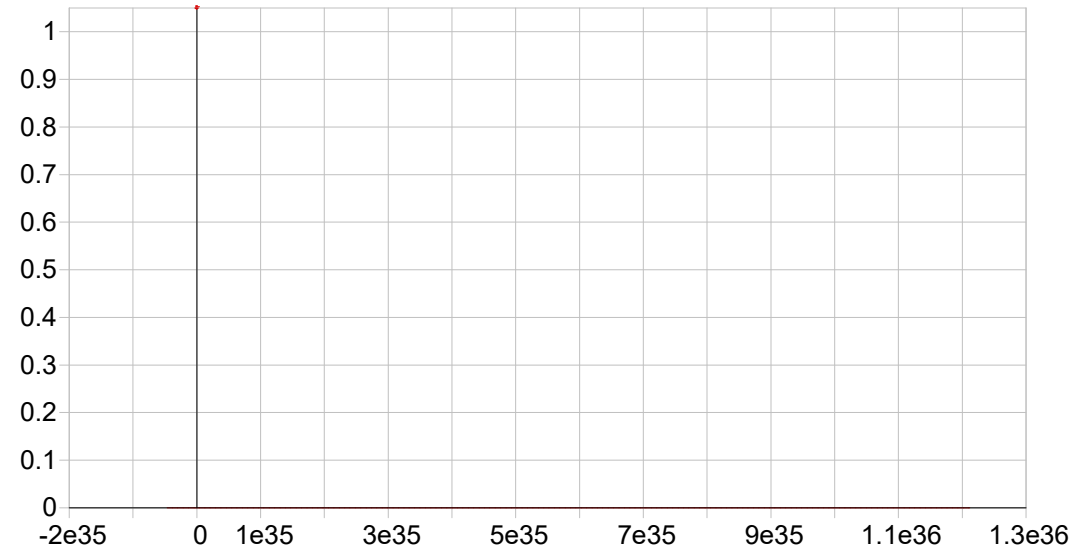



**Y 224.306 {450}***

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

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

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




**Y 360.073 { 94}***

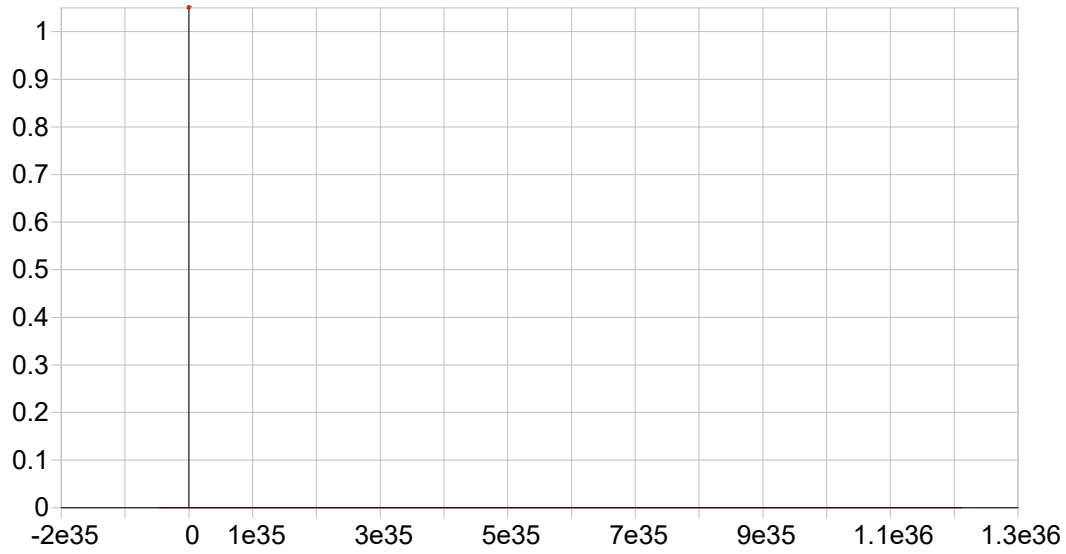
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

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

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

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

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



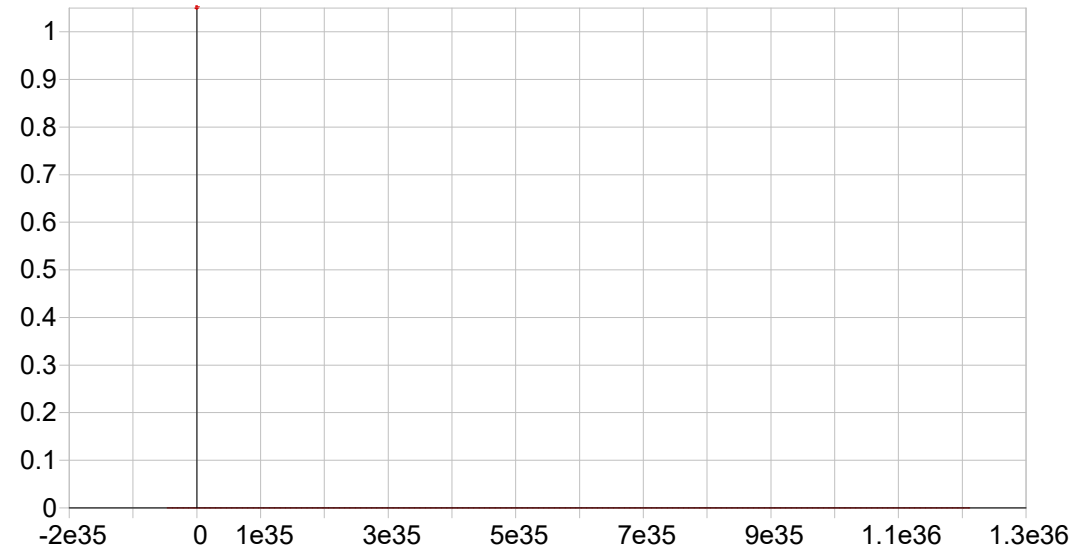

**Y 371.030 { 91}***

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

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

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

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

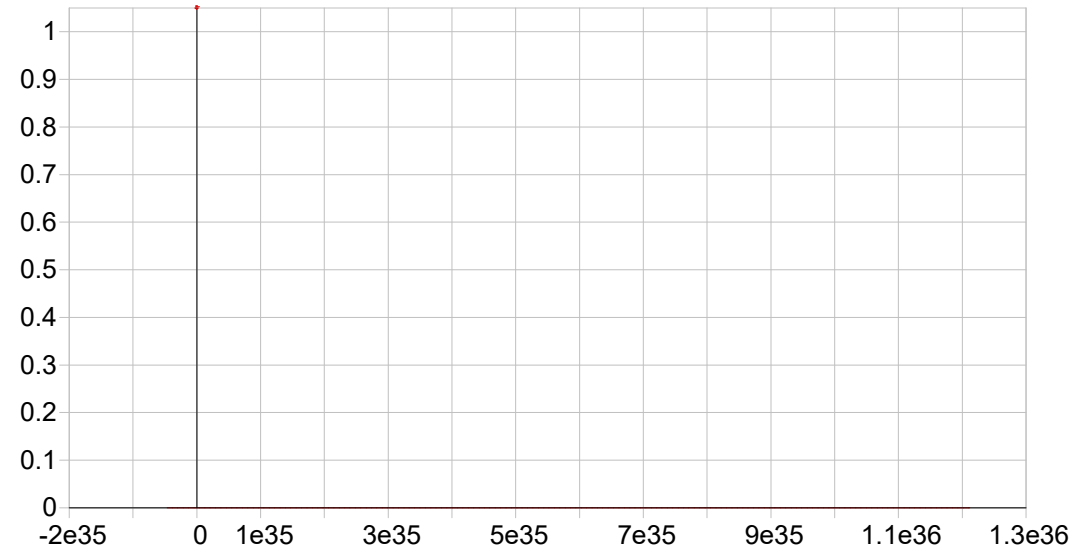



**Y 224.306 {150}***

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

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

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




**In 230.606 {446}***

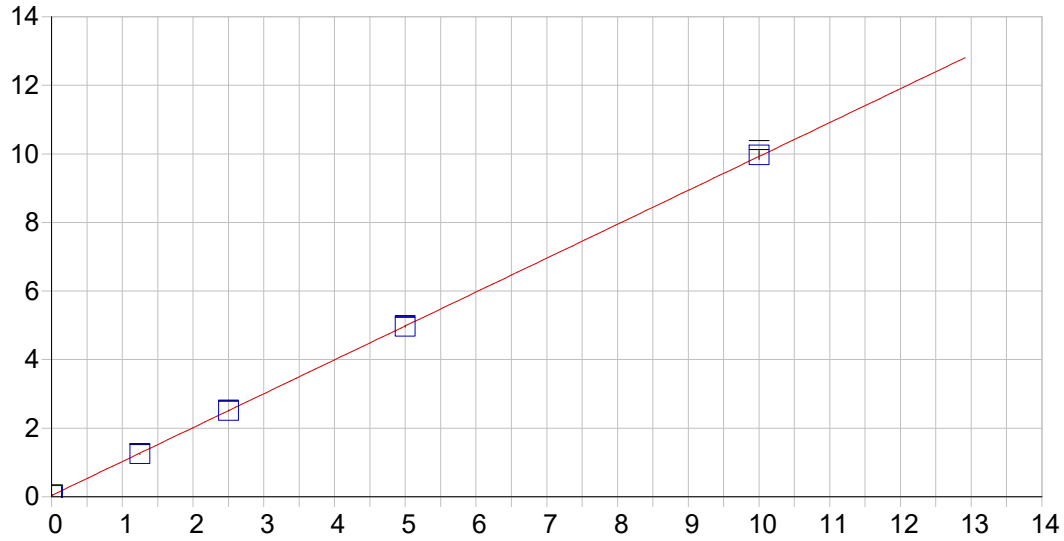
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

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

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

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

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




**Li 670.784 { 50}**

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

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.038365 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.988674 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999891 | Status: | OK. |
| Std Error of Est: | 0.000300 | | |
| Predicted MDL: | 0.004887 | | |
| Predicted MQL: | 0.016289 | | |

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

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

Sample Name: S0 Acquired: 12/13/2024 11:23:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.43397 | -.00030 | .00022 | .00019 | .00026 | -.00124 | .00720 | -.00142 |
| Stddev | .40424 | .00013 | .00024 | .00026 | .00028 | .00220 | .00322 | .00032 |
| %RSD | 93.150 | 43.123 | 106.22 | 141.32 | 106.12 | 177.40 | 44.662 | 22.460 |
| #1 | .02750 | -.00019 | .00049 | .00049 | .00014 | -.00378 | .00684 | -.00106 |
| #2 | -.60390 | -.00044 | .00013 | .00003 | .00007 | .00010 | .00418 | -.00155 |
| #3 | -.72551 | -.00027 | .00005 | .00004 | .00059 | -.00004 | .01058 | -.00165 |

| Elem | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00018 | .00700 | .00033 | -.00035 | .00248 | .00018 | -.00033 | -.00162 |
| Stddev | .00019 | .00083 | .00022 | .00016 | .00064 | .00105 | .00048 | .00038 |
| %RSD | 109.90 | 11.908 | 68.783 | 45.181 | 25.959 | 600.29 | 143.70 | 23.374 |
| #1 | .00007 | .00655 | .00008 | -.00031 | .00305 | -.00099 | -.00083 | -.00200 |
| #2 | .00040 | .00796 | .00051 | -.00022 | .00178 | .00048 | .00013 | -.00161 |
| #3 | .00006 | .00649 | .00039 | -.00052 | .00261 | .00104 | -.00031 | -.00124 |

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.00026 | -.00198 | -.00362 | .00031 | -.00097 | .18053 | -.00317 | .01297 |
| Stddev | .00024 | .00015 | .00635 | .00062 | .00006 | .00338 | .00004 | .00118 |
| %RSD | 95.036 | 7.5467 | 175.40 | 201.81 | 6.5136 | 1.8739 | 1.2668 | 9.1227 |
| #1 | -.00049 | -.00209 | -.01089 | .00023 | -.00090 | .18088 | -.00313 | .01274 |
| #2 | -.00000 | -.00205 | .00082 | .00097 | -.00101 | .17698 | -.00321 | .01193 |
| #3 | -.00028 | -.00181 | -.00079 | -.00027 | -.00101 | .18372 | -.00316 | .01426 |

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

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

Sample Name: S0 Acquired: 12/13/2024 11:23:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2340.5 | 25508. | 2246.9 | 1896.0 | 3122.3 |
| Stddev | 2.8 | 111. | 9.8 | 13.8 | 4.8 |
| %RSD | .12133 | .43622 | .43544 | .72779 | .15386 |
| | | | | | |
| #1 | 2341.9 | 25468. | 2237.5 | 1892.6 | 3118.8 |
| #2 | 2337.2 | 25634. | 2246.3 | 1911.2 | 3120.3 |
| #3 | 2342.2 | 25423. | 2257.0 | 1884.2 | 3127.8 |

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

Sample Name: S1 Acquired: 12/13/2024 11:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.8638 | .00188 | .00212 | .00206 | .00956 | .01994 | .92554 | .06313 |
| Stddev | .7591 | .00013 | .00045 | .00021 | .00013 | .00164 | .00103 | .00035 |
| %RSD | 40.732 | 6.8021 | 21.227 | 10.012 | 1.3781 | 8.2474 | .11172 | .54762 |
| #1 | 2.3730 | .00182 | .00259 | .00221 | .00953 | .01895 | .92637 | .06273 |
| #2 | .99123 | .00203 | .00208 | .00213 | .00944 | .02184 | .92438 | .06330 |
| #3 | 2.2270 | .00180 | .00169 | .00182 | .00970 | .01904 | .92587 | .06335 |

| Elem | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .01707 | .25729 | .00317 | .04685 | .00733 | .00234 | .00712 | .07291 |
| Stddev | .00043 | .00369 | .00011 | .00058 | .00022 | .00039 | .00092 | .00064 |
| %RSD | 2.5206 | 1.4353 | 3.4269 | 1.2357 | 3.0149 | 16.670 | 12.863 | .87090 |
| #1 | .01740 | .26120 | .00305 | .04683 | .00714 | .00273 | .00773 | .07343 |
| #2 | .01658 | .25680 | .00320 | .04628 | .00757 | .00236 | .00607 | .07311 |
| #3 | .01723 | .25386 | .00326 | .04743 | .00727 | .00195 | .00756 | .07221 |

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .02181 | .00052 | .05349 | .00622 | .00257 | .30410 | -.00270 | .00732 |
| Stddev | .00025 | .00026 | .00569 | .00046 | .00050 | .00269 | .00002 | .00118 |
| %RSD | 1.1547 | 49.103 | 10.630 | 7.3759 | 19.483 | .88356 | .76845 | 16.078 |
| #1 | .02179 | .00066 | .05503 | .00608 | .00283 | .30719 | -.00268 | .00629 |
| #2 | .02156 | .00069 | .04719 | .00674 | .00288 | .30231 | -.00270 | .00861 |
| #3 | .02206 | .00023 | .05824 | .00585 | .00199 | .30280 | -.00272 | .00707 |

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

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

Sample Name: S1 Acquired: 12/13/2024 11:27:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2341.2 | 25656. | 2235.1 | 1895.6 | 3134.7 |
| Stddev | 3.3 | 21. | 7.5 | 2.3 | 3.6 |
| %RSD | .14186 | .08102 | .33669 | .12277 | .11638 |
| | | | | | |
| #1 | 2345.1 | 25680. | 2243.6 | 1897.3 | 3138.8 |
| #2 | 2339.5 | 25645. | 2229.3 | 1892.9 | 3133.3 |
| #3 | 2339.2 | 25642. | 2232.5 | 1896.5 | 3132.0 |

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

Sample Name: S2 Acquired: 12/13/2024 11:31:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 228.35 | .10594 | 1.3831 | .07913 | .20324 | 4.1973 | 10.901 | 1.5449 |
| Stddev | .92 | .00075 | .0010 | .00056 | .00011 | .0116 | .036 | .0196 |
| %RSD | .40489 | .70424 | .07111 | .70187 | .05517 | .27586 | .33316 | 1.2678 |
| | | | | | | | | |
| #1 | 227.40 | .10533 | 1.3821 | .07885 | .20327 | 4.1865 | 10.860 | 1.5238 |
| #2 | 228.42 | .10572 | 1.3832 | .07878 | .20334 | 4.1959 | 10.926 | 1.5625 |
| #3 | 229.24 | .10678 | 1.3841 | .07977 | .20312 | 4.2095 | 10.918 | 1.5485 |

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

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .34683 | .07667 | .32754 | .06771 | .24049 | 1.0770 | .07533 | 1.0836 |
| Stddev | .00064 | .00037 | .00259 | .00122 | .00334 | .0063 | .00017 | .0113 |
| %RSD | .18417 | .47757 | .78952 | 1.7969 | 1.3896 | .58565 | .21914 | 1.0460 |
| | | | | | | | | |
| #1 | .34609 | .07640 | .32456 | .06630 | .24135 | 1.0713 | .07518 | 1.0709 |
| #2 | .34713 | .07652 | .32925 | .06842 | .23680 | 1.0759 | .07532 | 1.0927 |
| #3 | .34726 | .07708 | .32879 | .06840 | .24332 | 1.0838 | .07551 | 1.0873 |

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

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

Sample Name: S2 Acquired: 12/13/2024 11:31:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2245.8 | 24945. | 2250.6 | 1808.4 | 2873.7 |
| Stddev | 4.1 | 83. | 17.5 | 9.2 | 3.1 |
| %RSD | .18385 | .33181 | .77981 | .50938 | .10943 |
| | | | | | |
| #1 | 2245.5 | 24926. | 2270.8 | 1806.3 | 2873.0 |
| #2 | 2241.8 | 25035. | 2242.0 | 1818.4 | 2871.0 |
| #3 | 2250.0 | 24873. | 2239.0 | 1800.4 | 2877.2 |

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

Sample Name: S3 Acquired: 12/13/2024 11:35:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 457.23 | .21557 | 2.8357 | .16332 | .41843 | 8.5469 | 22.376 | 3.1489 |
| Stddev | 2.40 | .00083 | .0030 | .00057 | .00089 | .0202 | .063 | .0122 |
| %RSD | .52556 | .38398 | .10630 | .35174 | .21215 | .23671 | .28275 | .38746 |
| #1 | 455.34 | .21506 | 2.8384 | .16397 | .41943 | 8.5326 | 22.376 | 3.1543 |
| #2 | 456.42 | .21653 | 2.8361 | .16287 | .41814 | 8.5700 | 22.439 | 3.1575 |
| #3 | 459.94 | .21513 | 2.8324 | .16313 | .41773 | 8.5380 | 22.313 | 3.1349 |

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

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .70782 | .15713 | .66457 | .13779 | .49555 | 2.0356 | .16060 | 2.2241 |
| Stddev | .00177 | .00021 | .00596 | .00047 | .00269 | .0108 | .00026 | .0048 |
| %RSD | .25019 | .13526 | .89723 | .33942 | .54215 | .52884 | .16315 | .21476 |
| #1 | .70967 | .15732 | .66414 | .13746 | .49401 | 2.0267 | .16031 | 2.2283 |
| #2 | .70765 | .15717 | .67074 | .13759 | .49865 | 2.0476 | .16082 | 2.2252 |
| #3 | .70615 | .15690 | .65883 | .13833 | .49400 | 2.0325 | .16067 | 2.2189 |

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

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

Sample Name: S3 Acquired: 12/13/2024 11:35:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2155.6 | 24683. | 2210.6 | 1746.6 | 2757.7 |
| Stddev | 7.1 | 74. | 8.8 | 2.8 | 8.8 |
| %RSD | .32905 | .29802 | .39638 | .15911 | .32061 |
| | | | | | |
| #1 | 2152.8 | 24604. | 2205.3 | 1743.8 | 2755.2 |
| #2 | 2150.3 | 24695. | 2205.7 | 1746.5 | 2750.3 |
| #3 | 2163.6 | 24749. | 2220.7 | 1749.4 | 2767.5 |

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

Sample Name: S4 Acquired: 12/13/2024 11:39:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 900.15 | .43425 | 5.7969 | .34082 | .88362 | 17.160 | 44.935 | 6.1978 |
| Stddev | 1.08 | .00045 | .0052 | .00081 | .00265 | .059 | .146 | .0459 |
| %RSD | .11993 | .10399 | .09002 | .23808 | .30040 | .34292 | .32425 | .74085 |
| #1 | 898.91 | .43463 | 5.8028 | .34137 | .88357 | 17.093 | 44.784 | 6.1490 |
| #2 | 900.86 | .43375 | 5.7950 | .33989 | .88100 | 17.188 | 44.947 | 6.2401 |
| #3 | 900.68 | .43436 | 5.7929 | .34119 | .88630 | 17.200 | 45.075 | 6.2043 |

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

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.4328 | .31973 | 1.3097 | .27808 | 1.0364 | 3.9292 | .33633 | 4.3682 |
| Stddev | .0007 | .00062 | .0050 | .00125 | .0060 | .0209 | .00070 | .0331 |
| %RSD | .04850 | .19404 | .37764 | .44933 | .57582 | .53199 | .20735 | .75865 |
| #1 | 1.4335 | .32030 | 1.3042 | .27681 | 1.0425 | 3.9109 | .33607 | 4.3311 |
| #2 | 1.4327 | .31907 | 1.3110 | .27812 | 1.0360 | 3.9248 | .33712 | 4.3948 |
| #3 | 1.4321 | .31983 | 1.3139 | .27931 | 1.0306 | 3.9520 | .33579 | 4.3789 |

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

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

Sample Name: S4 Acquired: 12/13/2024 11:39:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1989.2 | 24158. | 2201.5 | 1637.9 | 2609.8 |
| Stddev | 6.9 | 37. | 9.2 | 6.1 | 6.5 |
| %RSD | .34486 | .15464 | .41986 | .37481 | .24774 |
| | | | | | |
| #1 | 1982.6 | 24116. | 2211.6 | 1632.7 | 2602.6 |
| #2 | 1996.3 | 24168. | 2193.4 | 1636.4 | 2615.0 |
| #3 | 1988.8 | 24189. | 2199.6 | 1644.7 | 2611.8 |

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

Sample Name: S5 Acquired: 12/13/2024 11:43:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1733.8 | .86476 | 11.653 | .74297 | 1.9601 | 34.560 | 89.942 | 12.087 |
| Stddev | 4.0 | .00327 | .026 | .00042 | .0027 | .208 | .585 | .087 |
| %RSD | .23261 | .37769 | .21982 | .05684 | .13915 | .60115 | .65042 | .71605 |
| | | | | | | | | |
| #1 | 1737.6 | .86418 | 11.648 | .74315 | 1.9633 | 34.724 | 90.432 | 12.147 |
| #2 | 1729.6 | .86182 | 11.630 | .74249 | 1.9587 | 34.326 | 89.294 | 11.988 |
| #3 | 1734.3 | .86827 | 11.681 | .74328 | 1.9584 | 34.630 | 90.098 | 12.127 |

| Elem | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 17.717 | 24.402 | 8.7581 | 4.6223 | 4.9335 | 7.3256 | 13.173 | 6.9142 |
| Stddev | .037 | .125 | .0436 | .0082 | .0568 | .0521 | .088 | .0482 |
| %RSD | .21145 | .51424 | .49777 | .17726 | 1.1508 | .71175 | .66667 | .69698 |
| | | | | | | | | |
| #1 | 17.721 | 24.480 | 8.7221 | 4.6301 | 4.9822 | 7.3760 | 13.242 | 6.9533 |
| #2 | 17.677 | 24.257 | 8.8066 | 4.6231 | 4.8711 | 7.2719 | 13.074 | 6.8603 |
| #3 | 17.752 | 24.469 | 8.7457 | 4.6138 | 4.9473 | 7.3290 | 13.203 | 6.9290 |

| Elem | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.8519 | .64784 | 2.6091 | .54935 | 2.2325 | 7.7509 | .69030 | 8.3899 |
| Stddev | .0044 | .00180 | .0194 | .00376 | .0186 | .0547 | .00097 | .0522 |
| %RSD | .15454 | .27792 | .74361 | .68497 | .83404 | .70592 | .14053 | .62272 |
| | | | | | | | | |
| #1 | 2.8569 | .64829 | 2.6295 | .55082 | 2.2330 | 7.7986 | .69067 | 8.4229 |
| #2 | 2.8496 | .64937 | 2.5909 | .54508 | 2.2509 | 7.6912 | .68919 | 8.3296 |
| #3 | 2.8490 | .64586 | 2.6070 | .55216 | 2.2137 | 7.7630 | .69102 | 8.4170 |

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

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

Sample Name: S5 Acquired: 12/13/2024 11:43:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1711.5 | 23454. | 2186.6 | 1469.5 | 2440.6 |
| Stddev | .6 | 23. | 19.1 | 9.8 | 2.1 |
| %RSD | .03538 | .09939 | .87465 | .66978 | .08505 |
| | | | | | |
| #1 | 1712.2 | 23459. | 2173.7 | 1475.4 | 2443.0 |
| #2 | 1711.1 | 23428. | 2208.5 | 1458.2 | 2439.9 |
| #3 | 1711.3 | 23474. | 2177.5 | 1475.1 | 2439.0 |

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

Sample Name: S6 Acquired: 12/13/2024 11:47:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

| Elem | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 93.609 | 40.978 | 19.790 | 11.273 | 7.3019 |
| Stddev | .214 | .226 | .070 | .050 | .0250 |
| %RSD | .22876 | .55054 | .35551 | .44171 | .34300 |
| | | | | | |
| #1 | 93.421 | 40.999 | 19.796 | 11.274 | 7.2945 |
| #2 | 93.842 | 41.192 | 19.857 | 11.323 | 7.3297 |
| #3 | 93.564 | 40.743 | 19.717 | 11.223 | 7.2813 |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0208344 | 3.170107 | 7.553159 | .2027583 | .8334742 | .5888331 |
| Stddev | .0002310 | .007623 | .058501 | .0004546 | .0031345 | .0004921 |
| %RSD | 1.108909 | .2404743 | .7745179 | .2242221 | .3760816 | .0835697 |
| #1 | .0208801 | 3.162219 | 7.567016 | .2022739 | .8299167 | .5893915 |
| #2 | .0210392 | 3.177435 | 7.603487 | .2031757 | .8358302 | .5884628 |
| #3 | .0205840 | 3.170667 | 7.488974 | .2028253 | .8346759 | .5886451 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .1140212 |
| Stddev | .0041982 |
| %RSD | 3.681985 |
| #1 | .1162269 |
| #2 | .1091799 |
| #3 | .1166569 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2787.672 | 30926.90 | 2756.164 | 2271.539 | 3193.582 |
| Stddev | 3.303 | 144.08 | 9.422 | 8.175 | 3.158 |
| %RSD | .1184985 | .4658766 | .3418366 | .3598833 | .0988914 |
| #1 | 2786.435 | 31023.97 | 2760.236 | 2277.839 | 3190.880 |
| #2 | 2791.415 | 30995.39 | 2745.392 | 2274.476 | 3197.054 |
| #3 | 2785.165 | 30761.36 | 2762.865 | 2262.301 | 3192.813 |

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

Sample Name: P5040-01A Acquired: 12/13/2024 17:52:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0433767 | .0286726 | .2605444 | .0237479 | .0132912 | 50.15156 | .8616390 |
| Stddev | .0016492 | .0019214 | .0027755 | .0023374 | .0005324 | .08836 | .0021881 |
| %RSD | 3.802102 | 6.701073 | 1.065260 | 9.842449 | 4.005726 | .1761875 | .2539486 |
| #1 | .0427727 | .0308709 | .2621988 | .0211333 | .0134465 | 50.16810 | .8601568 |
| #2 | .0452427 | .0278329 | .2620943 | .0256352 | .0137287 | 50.05609 | .8606080 |
| #3 | .0421146 | .0273140 | .2573402 | .0244750 | .0126984 | 50.23048 | .8641521 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041353 | .0038102 | 540.9203 | .0810219 | .0956075 | .1458113 | 125.5485 |
| Stddev | .0000754 | .0000232 | .9312 | .0008645 | .0006205 | .0067211 | .0897 |
| %RSD | 1.822297 | .6095941 | .1721534 | 1.067028 | .6490428 | 4.609417 | .0714718 |
| #1 | .0042153 | .0037880 | 541.8385 | .0809819 | .0962801 | .1465755 | 125.4807 |
| #2 | .0040656 | .0038083 | 539.9766 | .0819058 | .0954851 | .1521177 | 125.5145 |
| #3 | .0041249 | .0038343 | 540.9460 | .0801782 | .0950572 | .1387409 | 125.6502 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.547430 | 127.7011 | .1507610 | -.011534 | 2.394339 | .1407997 | .4243262 |
| Stddev | .012877 | .3520 | .0009460 | .000724 | .388463 | .0161381 | .0060041 |
| %RSD | .1706156 | .2756562 | .6275083 | 6.274648 | 16.22421 | 11.46173 | 1.414981 |
| #1 | 7.548131 | 127.9182 | .1516960 | -.011616 | 2.786328 | .1520504 | .4290122 |
| #2 | 7.534217 | 127.2950 | .1507826 | -.012213 | 2.387188 | .1480393 | .4175582 |
| #3 | 7.559943 | 127.8902 | .1498043 | -.010772 | 2.009501 | .1223095 | .4264083 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7844230 | 8.089087 | -.005901 | .0027212 | 1.055691 | 6.154296 | .0531884 |
| Stddev | .1284205 | .016740 | .002114 | .0005288 | .004160 | .016341 | .0004101 |
| %RSD | 16.37133 | .2069443 | 35.82633 | 19.43082 | .3940963 | .2655152 | .7709705 |
| #1 | .6594437 | 8.105986 | -.007989 | .0022681 | 1.060371 | 6.169450 | .0536220 |
| #2 | .7777972 | 8.072511 | -.005951 | .0025934 | 1.052412 | 6.136983 | .0528068 |
| #3 | .9160282 | 8.088764 | -.003762 | .0033022 | 1.054291 | 6.156455 | .0531365 |

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

Sample Name: P5040-01A Acquired: 12/13/2024 17:52:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6A Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .9852240 | .5157749 | .0862689 |
| Stddev | .0052853 | .0022652 | .0029159 |
| %RSD | .5364601 | .4391860 | 3.380055 |
| | | | |
| #1 | .9854475 | .5139360 | .0885955 |
| #2 | .9798304 | .5150836 | .0829978 |
| #3 | .9903940 | .5183053 | .0872135 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2600.503 | 28874.85 | 2642.432 | 2112.908 | 2886.651 |
| Stddev | 5.332 | 46.78 | 5.794 | 7.718 | 6.282 |
| %RSD | .2050542 | .1620183 | .2192613 | .3652951 | .2176212 |
| | | | | | |
| #1 | 2594.561 | 28831.53 | 2641.086 | 2119.818 | 2879.397 |
| #2 | 2602.077 | 28868.56 | 2648.781 | 2104.578 | 2890.246 |
| #3 | 2604.871 | 28924.46 | 2637.430 | 2114.328 | 2890.309 |

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

Sample Name: P4905-02A Acquired: 12/13/2024 17:56:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3720331 | .0225526 | 3.265793 | .0493031 | .1125509 | 70.29521 |
| Stddev | .0060743 | .0037193 | .007651 | .0023972 | .0023009 | .16485 |
| %RSD | 1.632723 | 16.49175 | .2342716 | 4.862176 | 2.044305 | .2345168 |
| #1 | .3744808 | .0249139 | 3.271335 | .0520496 | .1105062 | 70.46807 |
| #2 | .3651169 | .0244787 | 3.257064 | .0482283 | .1121041 | 70.13974 |
| #3 | .3765017 | .0182653 | 3.268980 | .0476313 | .1150425 | 70.27782 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.101665 | .0064339 | .0108782 | 147.2969 | .1519988 | .1140095 |
| Stddev | .015451 | .0000571 | .0000810 | .3671 | .0014494 | .0005563 |
| %RSD | .2532301 | .8879176 | .7447742 | .2492390 | .9535841 | .4879346 |
| #1 | 6.114374 | .0064475 | .0107923 | 147.7198 | .1534475 | .1145496 |
| #2 | 6.084466 | .0063712 | .0109533 | 147.0601 | .1520004 | .1140408 |
| #3 | 6.106155 | .0064830 | .0108891 | 147.1109 | .1505486 | .1134383 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.185332 | 182.8893 | 12.17538 | 36.18179 | .2120554 | .0039434 |
| Stddev | .007235 | .4788 | .03601 | .25457 | .0004655 | .0002434 |
| %RSD | .6103742 | .2617852 | .2957566 | .7035789 | .2195326 | 6.173010 |
| #1 | 1.181021 | 183.2919 | 12.18205 | 36.34414 | .2123802 | .0041626 |
| #2 | 1.181290 | 182.3599 | 12.13651 | 35.88839 | .2115221 | .0039862 |
| #3 | 1.193685 | 183.0162 | 12.20759 | 36.31283 | .2122640 | .0036814 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.776082 | .1771131 | 5.389650 | 10.48600 | F 21.61427 | .0187959 |
| Stddev | .334745 | .0037893 | .015620 | .17845 | .07562 | .0028724 |
| %RSD | 12.05817 | 2.139504 | .2898209 | 1.701752 | .3498724 | 15.28204 |
| #1 | 2.429449 | .1814546 | 5.407523 | 10.33988 | 21.69855 | .0194189 |
| #2 | 3.097514 | .1744703 | 5.382812 | 10.43325 | 21.59192 | .0156631 |
| #3 | 2.801283 | .1754143 | 5.378615 | 10.68488 | 21.55234 | .0213056 |

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

Sample Name: P4905-02A Acquired: 12/13/2024 17:56:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0067519 | 4.577939 | 9.478952 | .1828291 | 1.337784 | .1914517 |
| Stddev | .0005160 | .015425 | .032604 | .0021455 | .002467 | .0008322 |
| %RSD | 7.642591 | .3369476 | .3439625 | 1.173478 | .1844273 | .4346659 |
| #1 | .0072189 | 4.594120 | 9.478748 | .1840452 | 1.334949 | .1923782 |
| #2 | .0061979 | 4.576297 | 9.446450 | .1840903 | 1.338957 | .1912092 |
| #3 | .0068389 | 4.563401 | 9.511657 | .1803519 | 1.339445 | .1907677 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0650976 |
| Stddev | .0030346 |
| %RSD | 4.661597 |
| #1 | .0632347 |
| #2 | .0634588 |
| #3 | .0685992 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2845.302 | 31614.30 | 2839.222 | 2316.629 | 2994.445 |
| Stddev | 2.919 | 46.24 | 6.963 | 8.940 | 3.073 |
| %RSD | .1025798 | .1462777 | .2452402 | .3859051 | .1026296 |
| #1 | 2848.032 | 31560.91 | 2833.455 | 2309.893 | 2991.624 |
| #2 | 2842.225 | 31640.13 | 2846.957 | 2313.222 | 2993.990 |
| #3 | 2845.649 | 31641.85 | 2837.255 | 2326.771 | 2997.720 |

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

Sample Name: P4907-01A Acquired: 12/13/2024 17:59:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1301036 | .0224529 | 1.426422 | .0361382 | .0259700 | 88.77963 |
| Stddev | .0005190 | .0007222 | .002845 | .0031399 | .0025924 | .70626 |
| %RSD | .3988822 | 3.216662 | .1994798 | 8.688742 | 9.982250 | .7955233 |
| #1 | .1301410 | .0226978 | 1.428053 | .0397606 | .0252370 | 89.01045 |
| #2 | .1306029 | .0230208 | 1.423136 | .0344607 | .0238231 | 87.98683 |
| #3 | .1295670 | .0216400 | 1.428076 | .0341932 | .0288500 | 89.34160 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.870033 | F 2.825185 | .0102115 | 270.2270 | .1516808 | .1227911 |
| Stddev | .014597 | .017361 | .0001279 | 2.2532 | .0009516 | .0003646 |
| %RSD | .7805847 | .6145234 | 1.252397 | .8338359 | .6273442 | .2969098 |
| #1 | 1.878492 | 2.835126 | .0103514 | 270.9462 | .1524263 | .1232023 |
| #2 | 1.853178 | 2.805138 | .0101823 | 267.7019 | .1520071 | .1225075 |
| #3 | 1.878430 | 2.835290 | .0101007 | 272.0328 | .1506090 | .1226634 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.536327 | 166.5496 | 10.00794 | 78.00625 | .2208566 | -.010921 |
| Stddev | .012552 | 1.3723 | .08628 | .61668 | .0009667 | .000372 |
| %RSD | .8169848 | .8239464 | .8620886 | .7905535 | .4377180 | 3.402322 |
| #1 | 1.550762 | 167.2143 | 10.07235 | 78.42724 | .2215876 | -.010697 |
| #2 | 1.527979 | 164.9716 | 9.90992 | 77.29839 | .2212218 | -.011350 |
| #3 | 1.530241 | 167.4630 | 10.04156 | 78.29311 | .2197605 | -.010716 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.280596 | .2000136 | 4.138669 | 9.677424 | F 16.44950 | .0186930 |
| Stddev | .393916 | .0089647 | .014896 | .171531 | .04483 | .0021913 |
| %RSD | 17.27251 | 4.482067 | .3599115 | 1.772484 | .2725218 | 11.72278 |
| #1 | 1.858597 | .1922152 | 4.154104 | 9.819599 | 16.50061 | .0211639 |
| #2 | 2.344599 | .2098082 | 4.137524 | 9.486911 | 16.43109 | .0169856 |
| #3 | 2.638591 | .1980175 | 4.124378 | 9.725762 | 16.41681 | .0179294 |

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

Sample Name: P4907-01A Acquired: 12/13/2024 17:59:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0044675 | 4.234892 | 8.983939 | .1019545 | .9568737 | .2452715 |
| Stddev | .0003649 | .023756 | .034804 | .0019205 | .0082323 | .0019389 |
| %RSD | 8.168105 | .5609662 | .3874016 | 1.883653 | .8603330 | .7905030 |
| #1 | .0048634 | 4.262304 | 9.013444 | .1011478 | .9655779 | .2471915 |
| #2 | .0043945 | 4.222096 | 8.945556 | .1005690 | .9492127 | .2433143 |
| #3 | .0041446 | 4.220277 | 8.992815 | .1041468 | .9558306 | .2453086 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .1149643 |
| Stddev | .0045420 |
| %RSD | 3.950829 |
| #1 | .1145948 |
| #2 | .1106183 |
| #3 | .1196798 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2834.157 | 31720.10 | 2862.401 | 2305.202 | 2814.720 |
| Stddev | 3.987 | 26.05 | 21.816 | 3.770 | 3.793 |
| %RSD | .1406800 | .0821158 | .7621598 | .1635534 | .1347725 |
| #1 | 2836.059 | 31690.09 | 2851.953 | 2306.350 | 2813.212 |
| #2 | 2829.575 | 31736.72 | 2887.476 | 2308.265 | 2811.913 |
| #3 | 2836.837 | 31733.50 | 2847.773 | 2300.991 | 2819.036 |

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

Sample Name: P4932-02A Acquired: 12/13/2024 18:03:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1528657 | .0264803 | 3.711174 | -.002660 | .0361723 | 63.05863 |
| Stddev | .0025003 | .0030416 | .005537 | .001926 | .0007326 | .26502 |
| %RSD | 1.635603 | 11.48611 | .1492063 | 72.41850 | 2.025292 | .4202703 |
| #1 | .1528479 | .0288032 | 3.705480 | -.002239 | .0355840 | 62.98105 |
| #2 | .1503744 | .0230376 | 3.711503 | -.004762 | .0359401 | 62.84106 |
| #3 | .1553748 | .0276001 | 3.716540 | -.000979 | .0369929 | 63.35378 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.580918 | .0062350 | .0200610 | 178.6938 | .1579569 | .1159552 |
| Stddev | .004844 | .0001030 | .0001438 | .7360 | .0008734 | .0005954 |
| %RSD | .3063774 | 1.651869 | .7166547 | .4118637 | .5529544 | .5134395 |
| #1 | 1.580476 | .0063137 | .0199040 | 178.8190 | .1577778 | .1166073 |
| #2 | 1.576311 | .0061184 | .0201863 | 177.9033 | .1589060 | .1158177 |
| #3 | 1.585968 | .0062728 | .0200925 | 179.3592 | .1571869 | .1154406 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8178790 | 172.3765 | 12.01442 | 41.45245 | .2046117 | -.009851 |
| Stddev | .0057238 | .4889 | .02596 | .31713 | .0009015 | .000236 |
| %RSD | .6998313 | .2836295 | .2160986 | .7650478 | .4405997 | 2.391348 |
| #1 | .8236684 | 172.4436 | 12.03614 | 41.46959 | .2054579 | -.009674 |
| #2 | .8122232 | 171.8575 | 11.98566 | 41.12710 | .2047135 | -.010118 |
| #3 | .8177454 | 172.8284 | 12.02145 | 41.76067 | .2036636 | -.009760 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.578629 | .1695707 | 6.362461 | 6.538287 | F 12.44803 | .0114273 |
| Stddev | .351495 | .0064361 | .006963 | .114307 | .02682 | .0019879 |
| %RSD | 13.63107 | 3.795523 | .1094447 | 1.748272 | .2154908 | 17.39634 |
| #1 | 2.579363 | .1632404 | 6.362990 | 6.617027 | 12.42769 | .0119304 |
| #2 | 2.226767 | .1761076 | 6.355248 | 6.407178 | 12.43798 | .0092361 |
| #3 | 2.929755 | .1693643 | 6.369145 | 6.590657 | 12.47843 | .0131153 |

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

Sample Name: P4932-02A Acquired: 12/13/2024 18:03:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058498 | 2.239676 | 9.195384 | .2448857 | 1.069457 | .1700065 |
| Stddev | .0002222 | .007205 | .043784 | .0012949 | .004567 | .0008159 |
| %RSD | 3.799109 | .3217154 | .4761510 | .5287688 | .4270751 | .4799395 |
| #1 | .0061016 | 2.234262 | 9.225862 | .2438101 | 1.073103 | .1695163 |
| #2 | .0056810 | 2.247854 | 9.215078 | .2445240 | 1.064334 | .1695547 |
| #3 | .0057668 | 2.236911 | 9.145211 | .2463229 | 1.070933 | .1709483 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0633284 |
| Stddev | .0037816 |
| %RSD | 5.971468 |
| #1 | .0603238 |
| #2 | .0675748 |
| #3 | .0620866 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2700.770 | 29959.13 | 2677.969 | 2179.885 | 2924.029 |
| Stddev | 12.972 | 38.37 | 16.353 | 8.576 | 10.786 |
| %RSD | .4802959 | .1280794 | .6106502 | .3934118 | .3688892 |
| #1 | 2687.243 | 29914.84 | 2660.228 | 2170.316 | 2912.955 |
| #2 | 2701.963 | 29982.40 | 2681.240 | 2182.460 | 2924.632 |
| #3 | 2713.104 | 29980.15 | 2692.439 | 2186.878 | 2934.502 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4933-20A Acquired: 12/13/2024 18:07:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1788730 | .0161254 | 7.159508 | .0630692 | .0318662 | 56.27057 |
| Stddev | .0007378 | .0000937 | .015270 | .0009695 | .0034707 | .18429 |
| %RSD | .4124772 | .5809679 | .2132795 | 1.537203 | 10.89155 | .3275051 |
| #1 | .1792010 | .0160975 | 7.146244 | .0638371 | .0286926 | 56.44569 |
| #2 | .1793899 | .0160489 | 7.156078 | .0619798 | .0313336 | 56.07831 |
| #3 | .1780280 | .0162299 | 7.176200 | .0633907 | .0355724 | 56.28770 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.876161 | .0056915 | .0086416 | 33.18014 | .1825904 | .1005438 |
| Stddev | .006341 | .0000572 | .0000695 | .06876 | .0008150 | .0005289 |
| %RSD | .3379864 | 1.005088 | .8046279 | .2072336 | .4463332 | .5260451 |
| #1 | 1.882389 | .0057068 | .0085688 | 33.21089 | .1828794 | .0999582 |
| #2 | 1.869713 | .0057394 | .0086486 | 33.10137 | .1832214 | .1006862 |
| #3 | 1.876380 | .0056282 | .0087073 | 33.22816 | .1816703 | .1009868 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5291413 | 141.9343 | 12.43002 | 14.86252 | .2010525 | -.002596 |
| Stddev | .0041450 | .4711 | .04660 | .01930 | .0006201 | .000356 |
| %RSD | .7833363 | .3319256 | .3749067 | .1298632 | .3084461 | 13.69700 |
| #1 | .5291827 | 142.0810 | 12.44856 | 14.84063 | .2008640 | -.002791 |
| #2 | .5249758 | 141.4073 | 12.37701 | 14.86982 | .2017450 | -.002186 |
| #3 | .5332654 | 142.3146 | 12.46450 | 14.87710 | .2005485 | -.002811 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.488923 | .1504526 | 4.974233 | 5.161644 | F 11.70034 | -.007124 |
| Stddev | .131509 | .0073460 | .014792 | .135924 | .02587 | .001397 |
| %RSD | 5.283782 | 4.882573 | .2973789 | 2.633345 | .2210778 | 19.60590 |
| #1 | 2.635580 | .1532135 | 4.965925 | 5.078523 | 11.67048 | -.008531 |
| #2 | 2.449702 | .1421262 | 4.965461 | 5.318502 | 11.71460 | -.007102 |
| #3 | 2.381486 | .1560181 | 4.991311 | 5.087908 | 11.71594 | -.005738 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4933-20A Acquired: 12/13/2024 18:07:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0112249 | 3.127835 | 9.851193 | .3366772 | 1.182287 | -.001265 |
| Stddev | .0001830 | .014065 | .043793 | .0002171 | .005944 | .000092 |
| %RSD | 1.630138 | .4496760 | .4445448 | .0644902 | .5027152 | 7.291008 |
| | | | | | | |
| #1 | .0110897 | 3.111772 | 9.839734 | .3364275 | 1.184544 | -.001300 |
| #2 | .0114331 | 3.133791 | 9.814269 | .3367823 | 1.175546 | -.001335 |
| #3 | .0111518 | 3.137942 | 9.899576 | .3368217 | 1.186773 | -.001161 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0341400 |
| Stddev | .0049461 |
| %RSD | 14.48764 |
| | |
| #1 | .0394164 |
| #2 | .0333946 |
| #3 | .0296089 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2730.553 | 30251.26 | 2637.097 | 2209.891 | 3108.113 |
| Stddev | 2.409 | 165.42 | 16.222 | 13.686 | 4.601 |
| %RSD | .0882408 | .5468173 | .6151299 | .6193149 | .1480212 |
| | | | | | |
| #1 | 2732.149 | 30131.91 | 2618.366 | 2202.729 | 3109.144 |
| #2 | 2727.782 | 30181.79 | 2646.309 | 2201.273 | 3103.084 |
| #3 | 2731.730 | 30440.09 | 2646.614 | 2225.672 | 3112.111 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-08 Acquired: 12/13/2024 18:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0634755 | .0541542 | .4997264 | -.006163 | .0363001 | 96.66659 | 2.527213 |
| Stddev | .0016646 | .0020444 | .0065633 | .003376 | .0022576 | .87162 | .024318 |
| %RSD | 2.622492 | 3.775206 | 1.313377 | 54.78378 | 6.219336 | .9016735 | .9622603 |
| #1 | .0628094 | .0523000 | .4930994 | -.004858 | .0339932 | 97.22888 | 2.540147 |
| #2 | .0622471 | .0538159 | .4998559 | -.003634 | .0385050 | 95.66254 | 2.499161 |
| #3 | .0653701 | .0563467 | .5062240 | -.009997 | .0364020 | 97.10833 | 2.542332 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0081105 | .0233154 | 785.5191 | .1608489 | .2205243 | .2310907 | 234.9635 |
| Stddev | .0000310 | .0005036 | 6.2351 | .0119402 | .0039078 | .0061819 | 2.0187 |
| %RSD | .3822916 | 2.159963 | .7937598 | 7.423212 | 1.772050 | 2.675116 | .8591760 |
| #1 | .0080790 | .0227424 | 789.1685 | .1737730 | .2160452 | .2316867 | 236.0040 |
| #2 | .0081113 | .0235161 | 778.3196 | .1502283 | .2232371 | .2246323 | 232.6367 |
| #3 | .0081410 | .0236878 | 789.0691 | .1585453 | .2222906 | .2369530 | 236.2497 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 28.75557 | 236.6009 | .3516946 | -.018797 | 2.616964 | .2069055 | 1.315733 |
| Stddev | .26232 | 1.5061 | .0060194 | .003626 | .248665 | .0002178 | .074778 |
| %RSD | .9122322 | .6365384 | 1.711536 | 19.29175 | 9.502042 | .1052668 | 5.683348 |
| #1 | 28.90911 | 237.6023 | .3449761 | -.022684 | 2.838117 | .2066657 | 1.395690 |
| #2 | 28.45268 | 234.8689 | .3535111 | -.015505 | 2.347791 | .2069596 | 1.247526 |
| #3 | 28.90491 | 237.3315 | .3565965 | -.018203 | 2.664984 | .2070911 | 1.303983 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.184651 | 4.764528 | -.016650 | .0056584 | 6.042859 | 11.51572 | .0350034 |
| Stddev | .184692 | .091334 | .004803 | .0003343 | .126569 | .26045 | .0012279 |
| %RSD | 5.799451 | 1.916956 | 28.84620 | 5.907963 | 2.094522 | 2.261731 | 3.507944 |
| #1 | 3.340282 | 4.659519 | -.022131 | .0052824 | 5.896923 | 11.79186 | .0343419 |
| #2 | 2.980560 | 4.808559 | -.013174 | .0059220 | 6.108988 | 11.27447 | .0364202 |
| #3 | 3.233111 | 4.825505 | -.014647 | .0057707 | 6.122665 | 11.48083 | .0342481 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-08 Acquired: 12/13/2024 18:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .8695118 | 1.435449 | .1538628 |
| Stddev | .0081511 | .012898 | .0003442 |
| %RSD | .9374278 | .8985377 | .2237107 |
| | | | |
| #1 | .8740155 | 1.443476 | .1535105 |
| #2 | .8601027 | 1.420571 | .1541983 |
| #3 | .8744173 | 1.442300 | .1538797 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2510.145 | 27509.35 | 2571.930 | 2000.174 | 2662.049 |
| Stddev | 33.894 | 1521.98 | 30.093 | 105.923 | 46.798 |
| %RSD | 1.350284 | 5.532604 | 1.170040 | 5.295699 | 1.757983 |
| | | | | | |
| #1 | 2548.701 | 25861.53 | 2538.957 | 1888.105 | 2715.951 |
| #2 | 2485.045 | 28862.36 | 2597.911 | 2098.637 | 2631.777 |
| #3 | 2496.690 | 27804.16 | 2578.922 | 2013.781 | 2638.419 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-09 Acquired: 12/13/2024 18:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0322374 | .0191630 | .2081420 | -.017133 | .0297585 | 99.40617 | 1.543755 |
| Stddev | .0045262 | .0012906 | .0009221 | .003764 | .0004149 | .41774 | .003432 |
| %RSD | 14.04037 | 6.734682 | .4429910 | 21.96722 | 1.394085 | .4202345 | .2222948 |
| | | | | | | | |
| #1 | .0322752 | .0205592 | .2085841 | -.018047 | .0296715 | 99.08898 | 1.540997 |
| #2 | .0367447 | .0189158 | .2087599 | -.020356 | .0302100 | 99.25004 | 1.542670 |
| #3 | .0276924 | .0180138 | .2070822 | -.012997 | .0293941 | 99.87949 | 1.547598 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0086076 | .0080447 | 583.7717 | .1445857 | .1358684 | .2101292 | 198.2020 |
| Stddev | .0001066 | .0000387 | 1.9836 | .0007846 | .0004471 | .0064782 | .4192 |
| %RSD | 1.238810 | .4810186 | .3397857 | .5426303 | .3290914 | 3.082980 | .2115258 |
| | | | | | | | |
| #1 | .0085293 | .0080874 | 582.9076 | .1438712 | .1356258 | .2158267 | 198.1776 |
| #2 | .0085644 | .0080120 | 582.3667 | .1444605 | .1355950 | .2114781 | 197.7956 |
| #3 | .0087291 | .0080348 | 586.0407 | .1454253 | .1363844 | .2030827 | 198.6330 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.296670 | 81.41379 | .2536075 | -.018009 | 1.995977 | .1919521 | .9618992 |
| Stddev | .013462 | .49998 | .0009013 | .001171 | .364997 | .0054734 | .0043784 |
| %RSD | .2541536 | .6141202 | .3554129 | 6.501041 | 18.28662 | 2.851436 | .4551831 |
| | | | | | | | |
| #1 | 5.282762 | 81.05148 | .2529556 | -.019338 | 1.574655 | .1980339 | .9584793 |
| #2 | 5.297614 | 81.20569 | .2546361 | -.017130 | 2.197233 | .1874223 | .9603845 |
| #3 | 5.309635 | 81.98421 | .2532310 | -.017560 | 2.216044 | .1904000 | .9668338 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.907255 | 3.896529 | -.026304 | .0048577 | 1.852795 | 12.31799 | .0287266 |
| Stddev | .043771 | .005070 | .001574 | .0005184 | .015491 | .05481 | .0006367 |
| %RSD | 2.294981 | .1301091 | 5.982171 | 10.67214 | .8361041 | .4449788 | 2.216365 |
| | | | | | | | |
| #1 | 1.862933 | 3.897036 | -.025773 | .0052893 | 1.834912 | 12.34848 | .0286066 |
| #2 | 1.950454 | 3.891226 | -.025064 | .0042827 | 1.862114 | 12.25471 | .0281586 |
| #3 | 1.908378 | 3.901327 | -.028074 | .0050012 | 1.861358 | 12.35078 | .0294148 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-09 Acquired: 12/13/2024 18:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.027171 | 1.515805 | .1445141 |
| Stddev | .007496 | .004118 | .0017401 |
| %RSD | .7297646 | .2716589 | 1.204108 |
| | | | |
| #1 | 1.020956 | 1.513533 | .1428403 |
| #2 | 1.025061 | 1.513322 | .1463137 |
| #3 | 1.035496 | 1.520558 | .1443882 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2472.944 | 27721.64 | 2509.253 | 2015.639 | 2787.403 |
| Stddev | 3.109 | 27.47 | 7.762 | 3.314 | 4.055 |
| %RSD | .1257322 | .0991021 | .3093539 | .1643949 | .1454877 |
| | | | | | |
| #1 | 2471.370 | 27753.30 | 2510.978 | 2011.858 | 2786.429 |
| #2 | 2470.937 | 27707.49 | 2516.007 | 2018.039 | 2783.923 |
| #3 | 2476.526 | 27704.12 | 2500.773 | 2017.020 | 2791.856 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-13 Acquired: 12/13/2024 18:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0404039 | .0253719 | .3350630 | -.030353 | .0285205 | 101.1419 |
| Stddev | .0027518 | .0032843 | .0056133 | .006759 | .0014237 | .1984 |
| %RSD | 6.810641 | 12.94478 | 1.675299 | 22.26722 | 4.991836 | .1961943 |
| | | | | | | |
| #1 | .0390598 | .0277184 | .3403290 | -.035867 | .0273009 | 101.3597 |
| #2 | .0385825 | .0216185 | .3357028 | -.032380 | .0281757 | 101.0944 |
| #3 | .0435694 | .0267787 | .3291572 | -.022813 | .0300849 | 100.9715 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.484141 | .0085974 | .0097633 | F 1214.946 | .1516195 | .1442684 |
| Stddev | .004739 | .0001083 | .0000634 | 5.206 | .0007097 | .0005202 |
| %RSD | .3193253 | 1.259955 | .6497772 | .4285227 | .4680563 | .3605760 |
| | | | | | | |
| #1 | 1.489177 | .0085901 | .0098344 | 1220.911 | .1519078 | .1448481 |
| #2 | 1.483480 | .0087092 | .0097429 | 1212.606 | .1508111 | .1438424 |
| #3 | 1.479768 | .0084929 | .0097126 | 1211.319 | .1521397 | .1441146 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2125471 | 210.8963 | 7.376397 | 453.7781 | .2730719 | -.018680 |
| Stddev | .0058827 | .4015 | .016296 | .5755 | .0020221 | .000501 |
| %RSD | 2.767707 | .1904009 | .2209151 | .1268211 | .7404846 | 2.682251 |
| | | | | | | |
| #1 | .2150727 | 211.3579 | 7.394980 | 454.4175 | .2748168 | -.018765 |
| #2 | .2058234 | 210.7043 | 7.364545 | 453.6149 | .2708559 | -.018142 |
| #3 | .2167454 | 210.6269 | 7.369667 | 453.3018 | .2735431 | -.019133 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.910370 | .1837002 | 1.458538 | 3.901360 | 4.178525 | -.003419 |
| Stddev | .569230 | .0052739 | .013620 | .085858 | .013330 | .003190 |
| %RSD | 19.55868 | 2.870908 | .9338242 | 2.200716 | .3190015 | 93.28734 |
| | | | | | | |
| #1 | 3.509188 | .1826796 | 1.449659 | 3.988172 | 4.189063 | -.003805 |
| #2 | 2.845661 | .1790112 | 1.451735 | 3.816489 | 4.182972 | -.000054 |
| #3 | 2.376259 | .1894097 | 1.474219 | 3.899418 | 4.163541 | -.006399 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-13 Acquired: 12/13/2024 18:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG3 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0040507 | 9.556459 | 11.51110 | .0366500 | .9188303 | 1.594703 |
| Stddev | .0002394 | .044071 | .04340 | .0010908 | .0042090 | .004731 |
| %RSD | 5.909499 | .4611672 | .3770147 | 2.976139 | .4580766 | .2966856 |
| #1 | .0039366 | 9.606168 | 11.56076 | .0373064 | .9215351 | 1.599413 |
| #2 | .0043258 | 9.541040 | 11.49207 | .0372527 | .9209748 | 1.594747 |
| #3 | .0038898 | 9.522169 | 11.48047 | .0353909 | .9139810 | 1.589951 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .1823691 |
| Stddev | .0049017 |
| %RSD | 2.687793 |
| #1 | .1813747 |
| #2 | .1780408 |
| #3 | .1876918 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2312.604 | 25919.26 | 2440.045 | 1877.581 | 2474.510 |
| Stddev | 7.519 | 138.76 | 16.750 | 9.788 | 4.480 |
| %RSD | .3251279 | .5353379 | .6864616 | .5213067 | .1810640 |
| #1 | 2321.285 | 25809.36 | 2421.960 | 1873.702 | 2477.173 |
| #2 | 2308.346 | 26075.17 | 2455.026 | 1888.714 | 2469.338 |
| #3 | 2308.179 | 25873.24 | 2443.148 | 1870.328 | 2477.021 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-14 Acquired: 12/13/2024 18:22:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0368451 | .0322387 | .4594240 | -.037481 | .0047220 | 18.97166 |
| Stddev | .0018394 | .0013281 | .0024369 | .004434 | .0011913 | .00922 |
| %RSD | 4.992209 | 4.119600 | .5304176 | 11.82868 | 25.22919 | .0486121 |
| | | | | | | |
| #1 | .0383625 | .0323043 | .4613400 | -.037000 | .0060857 | 18.96124 |
| #2 | .0347994 | .0335329 | .4602506 | -.033307 | .0038833 | 18.97499 |
| #3 | .0373735 | .0308791 | .4566813 | -.042135 | .0041971 | 18.97876 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1715348 | .0028360 | .0059765 | F 1365.029 | .0505906 | .0771337 |
| Stddev | .0000642 | .0000849 | .0001054 | 11.197 | .0005438 | .0005944 |
| %RSD | .0374221 | 2.992571 | 1.763073 | .8202468 | 1.074983 | .7705743 |
| | | | | | | |
| #1 | .1715002 | .0027549 | .0058624 | 1376.703 | .0501207 | .0764475 |
| #2 | .1714953 | .0029242 | .0060701 | 1364.003 | .0504648 | .0774867 |
| #3 | .1716089 | .0028290 | .0059970 | 1354.380 | .0511863 | .0774670 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1766754 | 89.71418 | 7.758857 | 720.5492 | .0844714 | -.006489 |
| Stddev | .0039187 | .30863 | .025529 | 1.7691 | .0010717 | .000771 |
| %RSD | 2.218031 | .3440141 | .3290343 | .2455279 | 1.268683 | 11.88889 |
| | | | | | | |
| #1 | .1811980 | 89.79947 | 7.742776 | 718.8283 | .0841232 | -.007314 |
| #2 | .1742878 | 89.37188 | 7.745503 | 720.4563 | .0836171 | -.006365 |
| #3 | .1745404 | 89.97120 | 7.788294 | 722.3629 | .0856739 | -.005786 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.184703 | .0496494 | 1.022391 | 9.847265 | 2.466443 | .0813497 |
| Stddev | .194154 | .0032261 | .009923 | .131015 | .002061 | .0022856 |
| %RSD | 6.096453 | 6.497726 | .9705523 | 1.330466 | .0835582 | 2.809623 |
| | | | | | | |
| #1 | 3.400488 | .0531028 | 1.014379 | 9.899055 | 2.468718 | .0831013 |
| #2 | 3.129473 | .0491325 | 1.033490 | 9.944468 | 2.465907 | .0787642 |
| #3 | 3.024148 | .0467130 | 1.019303 | 9.698272 | 2.464703 | .0821835 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-14 Acquired: 12/13/2024 18:22:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG4 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001303 | 24.68342 | 8.704825 | .0551952 | .1746524 | .5418887 |
| Stddev | .000407 | .07224 | .045405 | .0013106 | .0025832 | .0012337 |
| %RSD | 31.21995 | .2926664 | .5216050 | 2.374542 | 1.479069 | .2276648 |
| #1 | -.001096 | 24.76359 | 8.757020 | .0540115 | .1716817 | .5415023 |
| #2 | -.001041 | 24.62337 | 8.674445 | .0566037 | .1763705 | .5408945 |
| #3 | -.001772 | 24.66331 | 8.683010 | .0549705 | .1759051 | .5432693 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0627083 |
| Stddev | .0020601 |
| %RSD | 3.285245 |
| #1 | .0640523 |
| #2 | .0637362 |
| #3 | .0603365 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2197.560 | 24910.67 | 2325.484 | 1784.641 | 2447.931 |
| Stddev | 1.085 | 96.40 | 8.993 | 5.725 | 1.683 |
| %RSD | .0493565 | .3869979 | .3867240 | .3208155 | .0687330 |
| #1 | 2197.070 | 24967.84 | 2316.607 | 1779.377 | 2449.094 |
| #2 | 2196.807 | 24799.37 | 2334.589 | 1783.810 | 2446.002 |
| #3 | 2198.803 | 24964.81 | 2325.255 | 1790.737 | 2448.698 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/13/2024 18:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.813776 | 4.949035 | 23.72527 | 4.517203 | 4.616963 | 382.4420 | 9.738916 |
| Stddev | .006047 | .018769 | .05322 | .009058 | .022767 | 1.8883 | .045976 |
| %RSD | .1256269 | .3792396 | .2242993 | .2005165 | .4931114 | .4937541 | .4720815 |
| | | | | | | | |
| #1 | 4.809861 | 4.938247 | 23.70245 | 4.512067 | 4.610509 | 384.6205 | 9.790694 |
| #2 | 4.810726 | 4.938150 | 23.68728 | 4.511880 | 4.598121 | 381.4318 | 9.723178 |
| #3 | 4.820741 | 4.970707 | 23.78609 | 4.527661 | 4.642261 | 381.2736 | 9.702876 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4818012 | 2.370615 | 394.3218 | 14.60725 | 2.336108 | 14.91390 | 394.7957 |
| Stddev | .0054980 | .005747 | 2.1776 | .08538 | .003857 | .06989 | 1.8918 |
| %RSD | 1.141131 | .2424380 | .5522322 | .5844727 | .1650896 | .4686337 | .4791801 |
| | | | | | | | |
| #1 | .4865982 | 2.369943 | 396.7545 | 14.57638 | 2.335590 | 14.97876 | 396.9240 |
| #2 | .4758014 | 2.365233 | 392.5546 | 14.54161 | 2.332536 | 14.92305 | 394.1579 |
| #3 | .4830039 | 2.376668 | 393.6564 | 14.70377 | 2.340197 | 14.83988 | 393.3053 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.72782 | 379.4505 | 2.393647 | 1.224453 | 383.4285 | 2.456351 | 13.70404 |
| Stddev | .07325 | 2.5109 | .003441 | .008043 | 2.7568 | .011746 | .05786 |
| %RSD | .4973364 | .6617281 | .1437750 | .6568750 | .7189807 | .4782022 | .4221818 |
| | | | | | | | |
| #1 | 14.80598 | 382.1286 | 2.394387 | 1.226783 | 386.2366 | 2.465281 | 13.64267 |
| #2 | 14.71671 | 379.0738 | 2.389896 | 1.215503 | 383.3229 | 2.460727 | 13.75758 |
| #3 | 14.66076 | 377.1493 | 2.396658 | 1.231074 | 380.7261 | 2.443044 | 13.71186 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 142.6892 | 4.724129 | 4.669166 | 4.634931 | 4.663444 | 4.836362 | 4.806605 |
| Stddev | .3400 | .009809 | .043264 | .017398 | .005868 | .040522 | .007361 |
| %RSD | .2383078 | .2076261 | .9265979 | .3753614 | .1258193 | .8378580 | .1531427 |
| | | | | | | | |
| #1 | 143.0791 | 4.727676 | 4.706850 | 4.624087 | 4.661175 | 4.873653 | 4.803283 |
| #2 | 142.4539 | 4.713040 | 4.621921 | 4.625706 | 4.659049 | 4.793241 | 4.801491 |
| #3 | 142.5347 | 4.731670 | 4.678727 | 4.654998 | 4.670107 | 4.842192 | 4.815042 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/13/2024 18:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.966945 | 4.603634 | 5.033048 |
| Stddev | .046413 | .019556 | .028507 |
| %RSD | .9344355 | .4247878 | .5663955 |
| | | | |
| #1 | 5.020502 | 4.624478 | 5.065073 |
| #2 | 4.938464 | 4.600734 | 5.023625 |
| #3 | 4.941869 | 4.585691 | 5.010445 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1950.289 | 23958.18 | 2201.525 | 1643.009 | 2564.802 |
| Stddev | 4.315 | 14.42 | 15.285 | 3.462 | 1.994 |
| %RSD | .2212571 | .0601993 | .6942840 | .2107199 | .0777311 |
| | | | | | |
| #1 | 1952.825 | 23953.00 | 2183.911 | 1644.569 | 2564.004 |
| #2 | 1952.734 | 23974.48 | 2209.355 | 1639.041 | 2567.071 |
| #3 | 1945.306 | 23947.06 | 2211.308 | 1645.417 | 2563.330 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB010 Acquired: 12/13/2024 18:45:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001048 | .0015622 | -.000063 | -.001501 | .0023237 | -.005267 |
| Stddev | .003591 | .0017781 | .002139 | .004861 | .0035446 | .006589 |
| %RSD | 342.4958 | 113.8195 | 3384.740 | 323.8174 | 152.5364 | 125.0934 |
| #1 | -.001557 | .0002186 | .002110 | -.003817 | .0030964 | .001013 |
| #2 | .002770 | .0035784 | -.000132 | .004085 | .0054182 | -.012127 |
| #3 | -.004358 | .0008894 | -.002167 | -.004772 | -.001543 | -.004687 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0011479 | .0000530 | -.000036 | -.022312 | -.000413 | .0005170 |
| Stddev | .0006824 | .0000686 | .000028 | .018443 | .000237 | .0003642 |
| %RSD | 59.44674 | 129.2768 | 78.19773 | 82.65857 | 57.32248 | 70.44407 |
| #1 | .0003609 | .0000038 | -.000058 | -.029729 | -.000326 | .0007926 |
| #2 | .0015080 | .0001314 | -.000004 | -.035891 | -.000233 | .0001041 |
| #3 | .0015747 | .0000240 | -.000046 | -.001315 | -.000682 | .0006543 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004542 | -.012112 | .0004299 | -.005828 | -.000420 | .0011318 |
| Stddev | .006074 | .012182 | .0006923 | .113012 | .000460 | .0021146 |
| %RSD | 133.7303 | 100.5771 | 161.0574 | 1939.144 | 109.3856 | 186.8322 |
| #1 | -.009471 | -.006201 | .0002645 | .039204 | -.000508 | .0026222 |
| #2 | -.006400 | -.004014 | .0011899 | .077726 | .000077 | -.001288 |
| #3 | .002244 | -.026123 | -.000165 | -.134414 | -.000830 | .002062 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.050937 | -.013714 | .0019596 | -.498972 | -.002359 | -.007139 |
| Stddev | .718059 | .005394 | .0087051 | .100986 | .000574 | .001122 |
| %RSD | 35.01126 | 39.32982 | 444.2326 | 20.23884 | 24.32173 | 15.72183 |
| #1 | 2.723765 | -.008377 | .0101126 | -.517880 | -.001733 | -.006019 |
| #2 | 2.134147 | -.013603 | -.007209 | -.589169 | -.002860 | -.008263 |
| #3 | 1.294898 | -.019163 | .002975 | -.389869 | -.002484 | -.007135 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB010 Acquired: 12/13/2024 18:45:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000090 | -.004184 | -.040186 | -.000640 | -.002991 | -.000192 |
| Stddev | .000276 | .003357 | .000765 | .001109 | .003707 | .000122 |
| %RSD | 306.5233 | 80.23703 | 1.902533 | 173.2073 | 123.9496 | 63.81632 |
| | | | | | | |
| #1 | -.000404 | -.004570 | -.040106 | .000226 | .000745 | -.000160 |
| #2 | .000115 | -.007330 | -.039465 | -.001891 | -.003049 | -.000088 |
| #3 | .000019 | -.000650 | -.040988 | -.000256 | -.006668 | -.000327 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | F -.045068 |
| Stddev | .005451 |
| %RSD | 12.09515 |
| | |
| #1 | -.046078 |
| #2 | -.039183 |
| #3 | -.049944 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2403.826 | 26512.75 | 2320.467 | 1958.268 | 3294.821 |
| Stddev | 4.656 | 71.17 | 13.738 | 7.268 | 8.487 |
| %RSD | .1936966 | .2684400 | .5920305 | .3711534 | .2575722 |
| | | | | | |
| #1 | 2401.282 | 26478.98 | 2313.794 | 1953.840 | 3285.022 |
| #2 | 2400.995 | 26594.52 | 2311.340 | 1954.309 | 3299.630 |
| #3 | 2409.199 | 26464.74 | 2336.267 | 1966.657 | 3299.810 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-15 Acquired: 12/13/2024 18:49:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0612599 | .0370064 | 1.019579 | -.035778 | .0076071 | 32.52055 |
| Stddev | .0014367 | .0020558 | .001437 | .004685 | .0011177 | .12251 |
| %RSD | 2.345186 | 5.555256 | .1409082 | 13.09464 | 14.69336 | .3767232 |
| #1 | .0606574 | .0361331 | 1.018820 | -.041138 | .0063232 | 32.38517 |
| #2 | .0602225 | .0393547 | 1.018681 | -.033730 | .0081354 | 32.55270 |
| #3 | .0628997 | .0355315 | 1.021236 | -.032465 | .0083628 | 32.62378 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2785220 | .0035498 | .0114442 | F 1355.596 | .0737348 | .0891037 |
| Stddev | .0010721 | .0000316 | .0000788 | 10.912 | .0010642 | .0012938 |
| %RSD | .3849070 | .8916566 | .6883905 | .8049607 | 1.443320 | 1.451986 |
| #1 | .2779031 | .0035862 | .0115339 | 1344.290 | .0726405 | .0884296 |
| #2 | .2779029 | .0035288 | .0114129 | 1366.066 | .0737977 | .0882862 |
| #3 | .2797598 | .0035345 | .0113860 | 1356.432 | .0747661 | .0905954 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6866826 | 126.5325 | 9.640651 | 714.2625 | .1175269 | -.006739 |
| Stddev | .0077319 | .3898 | .039365 | 1.5198 | .0004407 | .000066 |
| %RSD | 1.125973 | .3080269 | .4083277 | .2127827 | .3749688 | .9866639 |
| #1 | .6779884 | 126.4114 | 9.604895 | 713.2457 | .1179226 | -.006768 |
| #2 | .6927873 | 126.2176 | 9.634224 | 713.5321 | .1176061 | -.006785 |
| #3 | .6892722 | 126.9684 | 9.682834 | 716.0096 | .1170519 | -.006662 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.953082 | .0747819 | 2.872565 | 7.797659 | 3.752625 | .0502999 |
| Stddev | .759328 | .0032924 | .012153 | .022027 | .011588 | .0027284 |
| %RSD | 25.71308 | 4.402691 | .4230609 | .2824792 | .3087928 | 5.424299 |
| #1 | 2.086840 | .0754590 | 2.868001 | 7.790628 | 3.745473 | .0480998 |
| #2 | 3.268738 | .0776831 | 2.886338 | 7.822343 | 3.746408 | .0494470 |
| #3 | 3.503669 | .0712036 | 2.863354 | 7.780006 | 3.765995 | .0533528 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-15 Acquired: 12/13/2024 18:49:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG5 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000208 | 20.86891 | 10.64512 | .1604150 | .4320649 | .4927430 |
| Stddev | .000424 | .04897 | .06081 | .0018794 | .0014379 | .0013145 |
| %RSD | 203.5371 | .2346343 | .5712254 | 1.171604 | .3327992 | .2667725 |
| | | | | | | |
| #1 | -.000697 | 20.84071 | 10.69627 | .1586664 | .4316207 | .4916265 |
| #2 | .000044 | 20.84057 | 10.57789 | .1601761 | .4336725 | .4924108 |
| #3 | .000029 | 20.92545 | 10.66120 | .1624025 | .4309015 | .4941918 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0846216 |
| Stddev | .0061045 |
| %RSD | 7.213832 |
| | |
| #1 | .0911304 |
| #2 | .0837104 |
| #3 | .0790239 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2268.338 | 25752.69 | 2405.619 | 1857.091 | 2460.074 |
| Stddev | 8.635 | 78.29 | 7.186 | 10.588 | 9.980 |
| %RSD | .3806572 | .3040045 | .2986980 | .5701265 | .4056668 |
| | | | | | |
| #1 | 2260.636 | 25832.47 | 2403.438 | 1865.856 | 2459.238 |
| #2 | 2277.672 | 25675.99 | 2413.643 | 1845.327 | 2470.446 |
| #3 | 2266.707 | 25749.60 | 2399.777 | 1860.089 | 2450.540 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-16 Acquired: 12/13/2024 18:53:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0586770 | .0356506 | .6603512 | -.021487 | .0179140 | 54.08659 |
| Stddev | .0059931 | .0053262 | .0053625 | .005542 | .0003865 | .27963 |
| %RSD | 10.21370 | 14.94000 | .8120613 | 25.79215 | 2.157557 | .5170001 |
| | | | | | | |
| #1 | .0519580 | .0298093 | .6602541 | -.024021 | .0179998 | 53.77111 |
| #2 | .0606016 | .0402380 | .6657616 | -.025309 | .0174918 | 54.30390 |
| #3 | .0634713 | .0369044 | .6550380 | -.015131 | .0182504 | 54.18474 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4207081 | .0045828 | .0074760 | F 863.2091 | .0843441 | .1123324 |
| Stddev | .0026757 | .0000990 | .0000746 | 3.9102 | .0005597 | .0002201 |
| %RSD | .6360032 | 2.160215 | .9978548 | .4529793 | .6635391 | .1959089 |
| | | | | | | |
| #1 | .4177544 | .0045904 | .0074665 | 858.6951 | .0839015 | .1122001 |
| #2 | .4214000 | .0044802 | .0074065 | 865.3827 | .0841577 | .1122107 |
| #3 | .4229699 | .0046777 | .0075548 | 865.5496 | .0849732 | .1125865 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3804835 | 144.2414 | 9.684739 | 429.3945 | .1701561 | -.010426 |
| Stddev | .0033033 | .7129 | .037220 | 2.1857 | .0006433 | .000763 |
| %RSD | .8681710 | .4942125 | .3843133 | .5090197 | .3780490 | 7.316843 |
| | | | | | | |
| #1 | .3833869 | 143.6132 | 9.649608 | 426.9756 | .1706588 | -.011242 |
| #2 | .3811740 | 145.0162 | 9.723744 | 431.2277 | .1694312 | -.009730 |
| #3 | .3768896 | 144.0949 | 9.680865 | 429.9801 | .1703785 | -.010306 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.883110 | .1220509 | 1.827314 | 5.592890 | 7.408623 | .0069562 |
| Stddev | .285497 | .0072138 | .000995 | .108767 | .016047 | .0006670 |
| %RSD | 9.902380 | 5.910481 | .0544632 | 1.944729 | .2165991 | 9.588707 |
| | | | | | | |
| #1 | 3.181449 | .1183495 | 1.826729 | 5.473855 | 7.427113 | .0063656 |
| #2 | 2.855407 | .1174392 | 1.828463 | 5.617720 | 7.398335 | .0068234 |
| #3 | 2.612475 | .1303641 | 1.826750 | 5.687094 | 7.400421 | .0076796 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-16 Acquired: 12/13/2024 18:53:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG6 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003218 | 11.74191 | 9.507239 | .1066251 | .8870417 | .3409080 |
| Stddev | .0008452 | .02271 | .053087 | .0029480 | .0052028 | .0010612 |
| %RSD | 262.6366 | .1934386 | .5583842 | 2.764821 | .5865300 | .3112738 |
| #1 | .0001581 | 11.76532 | 9.473621 | .1038421 | .8826015 | .3397801 |
| #2 | -.000430 | 11.74044 | 9.568439 | .1063191 | .8927664 | .3418866 |
| #3 | .001237 | 11.71997 | 9.479656 | .1097142 | .8857573 | .3410573 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0940121 |
| Stddev | .0009381 |
| %RSD | .9978870 |
| #1 | .0929312 |
| #2 | .0944908 |
| #3 | .0946143 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2489.244 | 28226.27 | 2583.710 | 2032.421 | 2579.763 |
| Stddev | 9.839 | 76.59 | 15.936 | 7.739 | 7.974 |
| %RSD | .3952668 | .2713414 | .6167823 | .3807786 | .3091072 |
| #1 | 2489.217 | 28191.37 | 2589.452 | 2026.463 | 2579.370 |
| #2 | 2499.097 | 28173.36 | 2565.699 | 2029.632 | 2587.926 |
| #3 | 2479.419 | 28314.10 | 2595.980 | 2041.168 | 2571.992 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-17 Acquired: 12/13/2024 18:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0721825 | .0376732 | .6627788 | -.019886 | .0142997 | 42.99033 |
| Stddev | .0011212 | .0013494 | .0015416 | .007831 | .0010674 | .01218 |
| %RSD | 1.553345 | 3.581888 | .2325927 | 39.37867 | 7.464193 | .0283309 |
| #1 | .0727369 | .0361860 | .6621854 | -.014197 | .0155295 | 43.00432 |
| #2 | .0708920 | .0388193 | .6616220 | -.028817 | .0137555 | 42.98211 |
| #3 | .0729185 | .0380143 | .6645288 | -.016644 | .0136142 | 42.98455 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5143266 | .0040598 | .0075113 | F 929.9325 | .0672863 | .1001338 |
| Stddev | .0009542 | .0001878 | .0001091 | 2.2697 | .0007202 | .0010449 |
| %RSD | .1855220 | 4.625226 | 1.452324 | .2440680 | 1.070400 | 1.043464 |
| #1 | .5151856 | .0038430 | .0075769 | 932.2538 | .0665240 | .0990095 |
| #2 | .5132996 | .0041672 | .0073854 | 927.7182 | .0673793 | .1003170 |
| #3 | .5144946 | .0041692 | .0075717 | 929.8257 | .0679554 | .1010750 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3775204 | 128.2129 | 13.32377 | 374.9341 | .1350994 | -.007343 |
| Stddev | .0024616 | .2610 | .01277 | .4043 | .0005297 | .000163 |
| %RSD | .6520363 | .2035420 | .0958523 | .1078205 | .3920861 | 2.216637 |
| #1 | .3760510 | 128.1672 | 13.31038 | 374.5017 | .1349967 | -.007531 |
| #2 | .3803623 | 127.9777 | 13.33581 | 374.9980 | .1356730 | -.007246 |
| #3 | .3761481 | 128.4936 | 13.32513 | 375.3026 | .1346286 | -.007252 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.218083 | .0882216 | 1.477937 | 4.242140 | 5.968971 | .0124398 |
| Stddev | .759145 | .0093515 | .000824 | .128503 | .042685 | .0009113 |
| %RSD | 23.58997 | 10.60006 | .0557481 | 3.029200 | .7151182 | 7.325370 |
| #1 | 2.377795 | .0890513 | 1.476989 | 4.278084 | 5.933141 | .0117033 |
| #2 | 3.422037 | .0784828 | 1.478480 | 4.099492 | 5.957574 | .0121573 |
| #3 | 3.854417 | .0971306 | 1.478343 | 4.348844 | 6.016198 | .0134588 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-17 Acquired: 12/13/2024 18:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG7 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045033 | 10.03828 | 9.866198 | .0701115 | .7324251 | .4372785 |
| Stddev | .0006608 | .03502 | .042510 | .0003707 | .0043682 | .0005520 |
| %RSD | 14.67382 | .3488953 | .4308683 | .5287311 | .5963992 | .1262362 |
| #1 | .0046347 | 10.00059 | 9.863810 | .0703195 | .7373415 | .4374436 |
| #2 | .0050885 | 10.04445 | 9.824933 | .0696836 | .7309431 | .4377292 |
| #3 | .0037867 | 10.06982 | 9.909853 | .0703316 | .7289907 | .4366628 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0531786 |
| Stddev | .0032285 |
| %RSD | 6.071119 |
| #1 | .0568347 |
| #2 | .0507197 |
| #3 | .0519814 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2456.059 | 27787.16 | 2520.958 | 1996.108 | 2551.109 |
| Stddev | 8.200 | 17.15 | 2.522 | 4.009 | 9.529 |
| %RSD | .3338862 | .0617029 | .1000536 | .2008618 | .3735153 |
| #1 | 2462.257 | 27767.39 | 2522.406 | 1998.951 | 2559.237 |
| #2 | 2459.160 | 27797.94 | 2522.423 | 1991.522 | 2553.467 |
| #3 | 2446.761 | 27796.16 | 2518.046 | 1997.850 | 2540.622 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-18 Acquired: 12/13/2024 19:00:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0568188 | .0407224 | .5119619 | -.030518 | .0043300 | 35.19933 |
| Stddev | .0030165 | .0019177 | .0045966 | .005367 | .0031784 | .30242 |
| %RSD | 5.308927 | 4.709121 | .8978349 | 17.58589 | 73.40464 | .8591586 |
| | | | | | | |
| #1 | .0597897 | .0408245 | .5122039 | -.035934 | .0023675 | 34.86298 |
| #2 | .0569078 | .0387557 | .5072491 | -.030418 | .0079971 | 35.44880 |
| #3 | .0537588 | .0425870 | .5164327 | -.025202 | .0026254 | 35.28621 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3864113 | .0033161 | .0071339 | F 1262.002 | .0573933 | .1056688 |
| Stddev | .0034576 | .0000726 | .0000490 | 12.785 | .0005246 | .0004399 |
| %RSD | .8948002 | 2.190036 | .6867482 | 1.013099 | .9139824 | .4162975 |
| | | | | | | |
| #1 | .3825021 | .0032369 | .0071150 | 1247.585 | .0568718 | .1052920 |
| #2 | .3890685 | .0033795 | .0071895 | 1271.962 | .0579209 | .1055622 |
| #3 | .3876633 | .0033321 | .0070972 | 1266.458 | .0573872 | .1061522 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2876030 | 109.6009 | 12.18793 | 353.4171 | .1154493 | -.007190 |
| Stddev | .0114111 | .8395 | .08055 | 2.2699 | .0007864 | .000157 |
| %RSD | 3.967641 | .7659591 | .6608860 | .6422749 | .6811778 | 2.182579 |
| | | | | | | |
| #1 | .2779771 | 108.6315 | 12.09910 | 350.9029 | .1147781 | -.007370 |
| #2 | .2846238 | 110.0817 | 12.25622 | 355.3157 | .1163146 | -.007116 |
| #3 | .3002082 | 110.0895 | 12.20848 | 354.0327 | .1152554 | -.007083 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.037738 | .0780488 | 1.199445 | 3.474186 | 5.459786 | .0207840 |
| Stddev | .563172 | .0042527 | .013230 | .132763 | .005735 | .0004891 |
| %RSD | 18.53919 | 5.448821 | 1.102977 | 3.821423 | .1050440 | 2.353157 |
| | | | | | | |
| #1 | 3.195779 | .0825237 | 1.201754 | 3.320884 | 5.466344 | .0204237 |
| #2 | 2.412430 | .0740600 | 1.185213 | 3.550676 | 5.457309 | .0213408 |
| #3 | 3.505005 | .0775626 | 1.211369 | 3.550998 | 5.455706 | .0205876 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-18 Acquired: 12/13/2024 19:00:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG8 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004007 | 9.250649 | 9.782999 | .0601380 | .5587451 | .7614705 |
| Stddev | .0003497 | .019244 | .053058 | .0023484 | .0040711 | .0049370 |
| %RSD | 87.28204 | .2080263 | .5423530 | 3.905002 | .7286212 | .6483496 |
| #1 | .0002190 | 9.246648 | 9.757651 | .0585078 | .5540501 | .7566213 |
| #2 | .0008039 | 9.233720 | 9.843978 | .0628297 | .5612979 | .7664908 |
| #3 | .0001792 | 9.271578 | 9.747370 | .0590765 | .5608872 | .7612995 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0558280 |
| Stddev | .0050685 |
| %RSD | 9.078706 |
| #1 | .0616046 |
| #2 | .0537536 |
| #3 | .0521258 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2396.336 | 26973.91 | 2482.129 | 1945.467 | 2504.404 |
| Stddev | 3.660 | 79.50 | 11.017 | 2.723 | 3.561 |
| %RSD | .1527506 | .2947371 | .4438589 | .1399790 | .1421955 |
| #1 | 2392.775 | 27063.52 | 2493.891 | 1948.550 | 2500.336 |
| #2 | 2400.089 | 26946.34 | 2472.051 | 1943.388 | 2505.918 |
| #3 | 2396.145 | 26911.86 | 2480.446 | 1944.464 | 2506.959 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-19 Acquired: 12/13/2024 19:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0382780 | .0479902 | .3410011 | -.046845 | -.000109 | 22.11634 |
| Stddev | .0034268 | .0024252 | .0040488 | .007259 | .000867 | .07878 |
| %RSD | 8.952348 | 5.053551 | 1.187335 | 15.49609 | 796.8681 | .3562082 |
| #1 | .0352240 | .0505797 | .3370978 | -.048803 | -.000979 | 22.06650 |
| #2 | .0419839 | .0476187 | .3451812 | -.038807 | .000755 | 22.20717 |
| #3 | .0376260 | .0457721 | .3407244 | -.052924 | -.000102 | 22.07536 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3033070 | .0021440 | .0049919 | F 2068.530 | .0417934 | .0857583 |
| Stddev | .0007294 | .0000539 | .0000785 | 25.224 | .0006005 | .0008559 |
| %RSD | .2404654 | 2.512005 | 1.572083 | 1.219403 | 1.436838 | .9979796 |
| #1 | .3025367 | .0021557 | .0050338 | 2051.305 | .0424868 | .0865510 |
| #2 | .3039869 | .0020852 | .0049014 | 2097.482 | .0414513 | .0858731 |
| #3 | .3033973 | .0021910 | .0050406 | 2056.802 | .0414421 | .0848509 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1694113 | 85.32959 | 11.91893 | 305.8894 | .0864213 | -.004948 |
| Stddev | .0175065 | .22280 | .02067 | 1.1270 | .0012387 | .000905 |
| %RSD | 10.33374 | .2611014 | .1734267 | .3684415 | 1.433373 | 18.29576 |
| #1 | .1861746 | 85.12441 | 11.89639 | 305.1161 | .0872077 | -.005892 |
| #2 | .1708134 | 85.56658 | 11.93701 | 307.1825 | .0849933 | -.004087 |
| #3 | .1512459 | 85.29777 | 11.92339 | 305.3696 | .0870627 | -.004867 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.734359 | .0476859 | .6846766 | 2.748845 | 3.515015 | .0294417 |
| Stddev | .275299 | .0099718 | .0077019 | .250222 | .008986 | .0024249 |
| %RSD | 10.06814 | 20.91142 | 1.124890 | 9.102813 | .2556456 | 8.236130 |
| #1 | 2.487830 | .0418056 | .6913838 | 3.037776 | 3.508576 | .0302942 |
| #2 | 2.683822 | .0591995 | .6762654 | 2.604800 | 3.511188 | .0313252 |
| #3 | 3.031425 | .0420528 | .6863804 | 2.603958 | 3.525281 | .0267057 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-19 Acquired: 12/13/2024 19:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG9 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001711 | 8.528763 | 9.068197 | .0356167 | .3115030 | 1.383045 |
| Stddev | .000523 | .019375 | .083544 | .0005201 | .0045125 | .002312 |
| %RSD | 30.55235 | .2271706 | .9212836 | 1.460277 | 1.448629 | .1671921 |
| #1 | -.002298 | 8.515261 | 9.007148 | .0361520 | .3081293 | 1.382765 |
| #2 | -.001294 | 8.520065 | 9.163408 | .0351133 | .3166288 | 1.385485 |
| #3 | -.001542 | 8.550962 | 9.034036 | .0355849 | .3097509 | 1.380886 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0663889 |
| Stddev | .0041592 |
| %RSD | 6.264924 |
| #1 | .0627461 |
| #2 | .0654999 |
| #3 | .0709208 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2284.419 | 25858.42 | 2431.240 | 1864.346 | 2431.696 |
| Stddev | 1.251 | 43.64 | 17.836 | 6.501 | 1.769 |
| %RSD | .0547630 | .1687470 | .7336107 | .3486863 | .0727667 |
| #1 | 2283.637 | 25809.70 | 2447.246 | 1857.125 | 2429.654 |
| #2 | 2283.757 | 25893.89 | 2412.013 | 1869.732 | 2432.659 |
| #3 | 2285.861 | 25871.68 | 2434.461 | 1866.180 | 2432.776 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-20 Acquired: 12/13/2024 19:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0175701 | .0560995 | .1668180 | -.054306 | -.006461 | 17.10472 |
| Stddev | .0019338 | .0013604 | .0010482 | .002274 | .000886 | .32585 |
| %RSD | 11.00624 | 2.425000 | .6283269 | 4.187658 | 13.71849 | 1.905045 |
| | | | | | | |
| #1 | .0195872 | .0552827 | .1670333 | -.054473 | -.005767 | 16.75066 |
| #2 | .0173909 | .0553457 | .1677418 | -.051953 | -.006156 | 17.17148 |
| #3 | .0157321 | .0576699 | .1656789 | -.056492 | -.007459 | 17.39203 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2427790 | .0014837 | .0033747 | F 3017.102 | .0317913 | .0855395 |
| Stddev | .0044162 | .0001211 | .0000408 | 56.543 | .0009378 | .0006298 |
| %RSD | 1.819013 | 8.164421 | 1.209365 | 1.874078 | 2.949898 | .7362550 |
| | | | | | | |
| #1 | .2381214 | .0016234 | .0033573 | 2953.225 | .0308361 | .0855889 |
| #2 | .2433099 | .0014183 | .0033454 | 3060.740 | .0327107 | .0848864 |
| #3 | .2469057 | .0014092 | .0034213 | 3037.341 | .0318272 | .0861431 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1206867 | 67.73464 | 13.37480 | 187.1269 | .0691506 | -.004109 |
| Stddev | .0043407 | 1.18566 | .23152 | 3.1230 | .0009969 | .001163 |
| %RSD | 3.596637 | 1.750443 | 1.730982 | 1.668909 | 1.441568 | 28.31668 |
| | | | | | | |
| #1 | .1170630 | 66.52708 | 13.13859 | 184.0035 | .0680672 | -.002765 |
| #2 | .1254974 | 67.77974 | 13.38450 | 187.1278 | .0700291 | -.004797 |
| #3 | .1194997 | 68.89711 | 13.60132 | 190.2494 | .0693555 | -.004764 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.024048 | .0364694 | .3853159 | 1.480434 | 3.633023 | .0329928 |
| Stddev | .286508 | .0039307 | .0073525 | .122185 | .005984 | .0031818 |
| %RSD | 7.119892 | 10.77807 | 1.908180 | 8.253322 | .1647072 | 9.643970 |
| | | | | | | |
| #1 | 4.275317 | .0322638 | .3772063 | 1.465463 | 3.631312 | .0293188 |
| #2 | 3.712041 | .0370941 | .3871948 | 1.366424 | 3.628080 | .0348497 |
| #3 | 4.084784 | .0400504 | .3915467 | 1.609414 | 3.639675 | .0348099 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-20 Acquired: 12/13/2024 19:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003170 | 4.344987 | 8.205947 | .0285791 | .1863253 | 2.267934 |
| Stddev | .000486 | .005736 | .146420 | .0030643 | .0058603 | .041229 |
| %RSD | 15.33866 | .1320060 | 1.784319 | 10.72216 | 3.145190 | 1.817913 |
| | | | | | | |
| #1 | -.003686 | 4.348925 | 8.067872 | .0321173 | .1795718 | 2.225945 |
| #2 | -.003103 | 4.347628 | 8.190484 | .0267900 | .1893339 | 2.269498 |
| #3 | -.002721 | 4.338406 | 8.359485 | .0268298 | .1900702 | 2.308359 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0868123 |
| Stddev | .0023299 |
| %RSD | 2.683789 |
| | |
| #1 | .0856183 |
| #2 | .0894971 |
| #3 | .0853214 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2261.757 | 25855.47 | 2464.741 | 1868.502 | 2362.679 |
| Stddev | 2.693 | 166.70 | 37.137 | 10.603 | 3.158 |
| %RSD | .1190766 | .6447237 | 1.506746 | .5674791 | .1336520 |
| | | | | | |
| #1 | 2261.465 | 26033.11 | 2503.319 | 1880.745 | 2361.354 |
| #2 | 2259.221 | 25702.46 | 2461.669 | 1862.318 | 2360.400 |
| #3 | 2264.584 | 25830.84 | 2429.235 | 1862.443 | 2366.284 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-21 Acquired: 12/13/2024 19:12:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1998039 | .0297451 | 8.239006 | .0061479 | .0335205 | 62.12499 | 1.521285 |
| Stddev | .0004521 | .0007911 | .007317 | .0023065 | .0008241 | .24748 | .004100 |
| %RSD | .2262873 | 2.659587 | .0888117 | 37.51610 | 2.458649 | .3983652 | .2694804 |
| #1 | .2001220 | .0292554 | 8.237418 | .0064691 | .0337923 | 62.32809 | 1.525081 |
| #2 | .2000033 | .0306578 | 8.232613 | .0082769 | .0341744 | 62.19754 | 1.521836 |
| #3 | .1992863 | .0293222 | 8.246986 | .0036977 | .0325947 | 61.84934 | 1.516938 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0068965 | .0057088 | 184.7934 | .0916977 | .1311706 | .4063077 | 187.3131 |
| Stddev | .0000855 | .0000580 | .8385 | .0002827 | .0002336 | .0072678 | .7204 |
| %RSD | 1.239884 | 1.016531 | .4537659 | .3083283 | .1780709 | 1.788751 | .3845833 |
| #1 | .0068265 | .0056793 | 185.2478 | .0919997 | .1312160 | .4107468 | 187.9223 |
| #2 | .0068711 | .0057756 | 185.3067 | .0916541 | .1313781 | .3979203 | 187.4991 |
| #3 | .0069918 | .0056714 | 183.8258 | .0914393 | .1309176 | .4102559 | 186.5180 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.54547 | 29.77709 | .1729341 | -.011331 | 2.316555 | .2011977 | .5765872 |
| Stddev | .05716 | .14298 | .0009198 | .001013 | .055434 | .0038613 | .0054696 |
| %RSD | .3257929 | .4801698 | .5318554 | 8.944352 | 2.392937 | 1.919164 | .9486141 |
| #1 | 17.59540 | 29.77613 | .1720115 | -.012452 | 2.295886 | .2005161 | .5798211 |
| #2 | 17.55789 | 29.92055 | .1729399 | -.010480 | 2.274426 | .1977226 | .5796683 |
| #3 | 17.48311 | 29.63460 | .1738510 | -.011060 | 2.379354 | .2053545 | .5702720 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.611206 | 8.867218 | -.029613 | .0082434 | 3.000178 | 9.026997 | .0497995 |
| Stddev | .061934 | .013958 | .001575 | .0003627 | .001014 | .023774 | .0019669 |
| %RSD | 2.371853 | .1574092 | 5.320119 | 4.399830 | .0338070 | .2633639 | 3.949559 |
| #1 | 2.608720 | 8.867348 | -.030179 | .0083623 | 2.999051 | 9.050558 | .0483882 |
| #2 | 2.674346 | 8.853196 | -.030827 | .0085318 | 3.000463 | 9.027419 | .0520461 |
| #3 | 2.550553 | 8.881111 | -.027832 | .0078362 | 3.001019 | 9.003016 | .0489641 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-21 Acquired: 12/13/2024 19:12:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.647766 | .1617157 | .0458271 |
| Stddev | .005397 | .0004540 | .0008239 |
| %RSD | .3275271 | .2807406 | 1.797814 |
| | | | |
| #1 | 1.645657 | .1621626 | .0464841 |
| #2 | 1.653898 | .1612549 | .0460946 |
| #3 | 1.643741 | .1617295 | .0449028 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2823.250 | 31504.32 | 2805.504 | 2297.425 | 2967.828 |
| Stddev | 6.706 | 113.67 | 10.783 | 3.637 | 4.411 |
| %RSD | .2375339 | .3608023 | .3843410 | .1583272 | .1486343 |
| | | | | | |
| #1 | 2816.717 | 31432.95 | 2797.003 | 2301.353 | 2962.782 |
| #2 | 2822.917 | 31635.40 | 2817.633 | 2296.747 | 2970.956 |
| #3 | 2830.117 | 31444.61 | 2801.875 | 2294.173 | 2969.745 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16DLX2 Acquired: 12/13/2024 19:16:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0210719 | .0276189 | .2050273 | -.032735 | -.002575 | 13.31642 | .0832669 |
| Stddev | .0015427 | .0008679 | .0004358 | .001567 | .001491 | .05637 | .0010572 |
| %RSD | 7.321302 | 3.142346 | .2125475 | 4.785528 | 57.90234 | .4233389 | 1.269615 |
| #1 | .0192927 | .0284888 | .2046012 | -.031748 | -.003416 | 13.26067 | .0843259 |
| #2 | .0220386 | .0267530 | .2054722 | -.031914 | -.003455 | 13.31519 | .0832634 |
| #3 | .0218843 | .0276149 | .2050086 | -.034541 | -.000853 | 13.37339 | .0822115 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0017834 | .0022972 | 581.1424 | .0288580 | .0541838 | .0603398 | 48.48952 |
| Stddev | .0001109 | .0001230 | 1.9803 | .0008059 | .0003970 | .0009331 | .22450 |
| %RSD | 6.219851 | 5.353653 | .3407588 | 2.792769 | .7327476 | 1.546328 | .4629898 |
| #1 | .0018960 | .0022192 | 580.2794 | .0296391 | .0544895 | .0610685 | 48.25006 |
| #2 | .0017798 | .0022334 | 583.4077 | .0280293 | .0537351 | .0606628 | 48.69525 |
| #3 | .0016743 | .0024389 | 579.7400 | .0289057 | .0543269 | .0592882 | 48.52326 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.209681 | 307.7924 | .0519360 | -.002122 | 2.934080 | .0450223 | .4068576 |
| Stddev | .012706 | 1.1425 | .0006900 | .000370 | .662820 | .0091679 | .0040847 |
| %RSD | .3958671 | .3711756 | 1.328640 | 17.41663 | 22.59039 | 20.36291 | 1.003960 |
| #1 | 3.195482 | 306.9647 | .0521264 | -.001987 | 3.327834 | .0345684 | .4103698 |
| #2 | 3.219980 | 309.0958 | .0525109 | -.002540 | 3.305576 | .0488051 | .4023752 |
| #3 | 3.213580 | 307.3167 | .0511708 | -.001839 | 2.168829 | .0516935 | .4078278 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.196679 | 1.861591 | .0537908 | -.000864 | 8.801196 | 5.064065 | .0177571 |
| Stddev | .105507 | .006565 | .0013679 | .000614 | .018827 | .022578 | .0015576 |
| %RSD | 3.300514 | .3526420 | 2.542985 | 70.99169 | .2139135 | .4458539 | 8.771858 |
| #1 | 3.081997 | 1.861722 | .0541636 | -.000963 | 8.820653 | 5.041022 | .0163122 |
| #2 | 3.218415 | 1.854962 | .0522751 | -.000207 | 8.783069 | 5.086148 | .0175520 |
| #3 | 3.289625 | 1.868089 | .0549336 | -.001423 | 8.799866 | 5.065026 | .0194072 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16DLX2 Acquired: 12/13/2024 19:16:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1264917 | .2415531 | .0033612 |
| Stddev | .0024783 | .0006588 | .0043689 |
| %RSD | 1.959294 | .2727412 | 129.9814 |
| | | | |
| #1 | .1276929 | .2408547 | .0047009 |
| #2 | .1281407 | .2421634 | .0069033 |
| #3 | .1236417 | .2416412 | -.001521 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2288.024 | 25689.36 | 2323.331 | 1865.746 | 2730.716 |
| Stddev | 9.873 | 62.40 | 14.901 | 5.692 | 8.887 |
| %RSD | .4314988 | .2428985 | .6413441 | .3050817 | .3254435 |
| | | | | | |
| #1 | 2286.341 | 25744.91 | 2336.832 | 1872.302 | 2725.390 |
| #2 | 2298.631 | 25621.84 | 2307.344 | 1862.068 | 2740.975 |
| #3 | 2279.102 | 25701.33 | 2325.817 | 1862.867 | 2725.783 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-17DLX2 Acquired: 12/13/2024 19:20:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0194942 | .0269296 | .2537041 | -.034000 | -.003157 | 13.64014 | .0853385 |
| Stddev | .0037703 | .0047220 | .0027164 | .006354 | .001692 | .04638 | .0002612 |
| %RSD | 19.34073 | 17.53454 | 1.070688 | 18.68715 | 53.58426 | .3399936 | .3061172 |
| #1 | .0204682 | .0269190 | .2564641 | -.026805 | -.003182 | 13.59952 | .0851369 |
| #2 | .0226820 | .0222130 | .2536145 | -.038840 | -.001453 | 13.63023 | .0856336 |
| #3 | .0153325 | .0316569 | .2510336 | -.036353 | -.004835 | 13.69067 | .0852450 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018118 | .0023256 | 597.5254 | .0297881 | .0555612 | .0641072 | 50.73609 |
| Stddev | .0001294 | .0001381 | 1.8223 | .0005514 | .0006790 | .0011029 | .32186 |
| %RSD | 7.141776 | 5.937929 | .3049805 | 1.850964 | 1.222047 | 1.720378 | .6343873 |
| #1 | .0019569 | .0022018 | 595.6058 | .0303829 | .0551821 | .0638234 | 50.37615 |
| #2 | .0017700 | .0023003 | 599.2317 | .0296876 | .0551564 | .0653242 | 50.99623 |
| #3 | .0017084 | .0024745 | 597.7387 | .0292940 | .0563451 | .0631739 | 50.83590 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.303881 | 317.3760 | .0548133 | -.002190 | 1.976817 | .0330874 | .4013399 |
| Stddev | .024340 | 1.6290 | .0007413 | .000760 | .607774 | .0013991 | .0033204 |
| %RSD | .7367139 | .5132705 | 1.352334 | 34.70999 | 30.74509 | 4.228608 | .8273331 |
| #1 | 3.280509 | 315.9008 | .0539589 | -.002338 | 1.354390 | .0345697 | .4012552 |
| #2 | 3.329086 | 319.1243 | .0551956 | -.002865 | 2.007269 | .0317899 | .3980626 |
| #3 | 3.302047 | 317.1031 | .0552853 | -.001367 | 2.568793 | .0329025 | .4047018 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.431461 | 1.923343 | .0518426 | .0000522 | 9.679775 | 5.238199 | .0173232 |
| Stddev | .103371 | .002395 | .0027817 | .0004398 | .004454 | .016735 | .0022638 |
| %RSD | 3.012439 | .1245459 | 5.365579 | 841.8340 | .0460118 | .3194732 | 13.06803 |
| #1 | 3.365872 | 1.923045 | .0495328 | .0004451 | 9.681349 | 5.227199 | .0199372 |
| #2 | 3.377891 | 1.925873 | .0549304 | -.000423 | 9.683228 | 5.229942 | .0160214 |
| #3 | 3.550622 | 1.921110 | .0510645 | .000134 | 9.674748 | 5.257458 | .0160110 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-17DLX2 Acquired: 12/13/2024 19:20:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1270723 | .2497415 | .0035552 |
| Stddev | .0051961 | .0015121 | .0024353 |
| %RSD | 4.089104 | .6054455 | 68.49970 |
| | | | |
| #1 | .1268877 | .2488026 | .0039411 |
| #2 | .1219710 | .2514857 | .0057744 |
| #3 | .1323583 | .2489361 | .0009500 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2277.940 | 25556.17 | 2341.248 | 1850.170 | 2718.955 |
| Stddev | 7.725 | 114.90 | 10.056 | 4.837 | 5.050 |
| %RSD | .3391066 | .4496029 | .4294996 | .2614428 | .1857251 |
| | | | | | |
| #1 | 2274.297 | 25470.04 | 2350.729 | 1844.699 | 2720.438 |
| #2 | 2286.813 | 25511.84 | 2330.702 | 1853.880 | 2723.097 |
| #3 | 2272.711 | 25686.64 | 2342.311 | 1851.932 | 2713.330 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16LDLX10 Acquired: 12/13/2024 19:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056661 | .0165032 | .0473112 | -.027145 | -.004855 | 2.879634 | .0176912 |
| Stddev | .0033265 | .0019833 | .0002606 | .005204 | .000985 | .019770 | .0010578 |
| %RSD | 58.70796 | 12.01767 | .5508967 | 19.17061 | 20.29538 | .6865567 | 5.979317 |
| #1 | .0095068 | .0142435 | .0470738 | -.032430 | -.005690 | 2.875954 | .0166319 |
| #2 | .0037896 | .0179551 | .0472698 | -.026979 | -.005106 | 2.900986 | .0176941 |
| #3 | .0037019 | .0173111 | .0475901 | -.022027 | -.003768 | 2.861962 | .0187475 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004805 | .0004890 | 125.4273 | .0056219 | .0286380 | .0177646 | 10.74649 |
| Stddev | .0000257 | .0000816 | .1032 | .0005222 | .0001656 | .0080144 | .01276 |
| %RSD | 5.338237 | 16.69255 | .0823102 | 9.288708 | .5781871 | 45.11446 | .1187551 |
| #1 | .0005101 | .0005793 | 125.5464 | .0059193 | .0286878 | .0261117 | 10.73353 |
| #2 | .0004641 | .0004675 | 125.3728 | .0059276 | .0284533 | .0170515 | 10.74688 |
| #3 | .0004674 | .0004204 | 125.3628 | .0050190 | .0287730 | .0101306 | 10.75905 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7160495 | 68.00877 | .0091455 | .0009425 | 2.471911 | .0069675 | .0781679 |
| Stddev | .0067400 | .23405 | .0003774 | .0018062 | .357226 | .0086600 | .0109011 |
| %RSD | .9412815 | .3441400 | 4.126928 | 191.6318 | 14.45141 | 124.2929 | 13.94577 |
| #1 | .7085611 | 67.97389 | .0094805 | .0002550 | 2.185120 | .0066425 | .0831411 |
| #2 | .7179574 | 68.25829 | .0087366 | -.000419 | 2.358550 | -.001526 | .0856955 |
| #3 | .7216299 | 67.79412 | .0092194 | .002992 | 2.872062 | .015785 | .0656670 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0309876 | .3576391 | .0016102 | .0000984 | 1.695451 | 1.096260 | .0020306 |
| Stddev | .0665343 | .0030509 | .0012438 | .0009868 | .003063 | .008933 | .0008553 |
| %RSD | 214.7127 | .8530655 | 77.24399 | 1002.939 | .1806762 | .8149057 | 42.11956 |
| #1 | -.028931 | .3611217 | .0007212 | -.001028 | 1.698389 | 1.104258 | .0026772 |
| #2 | .102590 | .3554375 | .0030316 | .000808 | 1.692276 | 1.097903 | .0023538 |
| #3 | .019304 | .3563581 | .0010778 | .000515 | 1.695687 | 1.086619 | .0010608 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16LDLX10 Acquired: 12/13/2024 19:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0239439 | .0521395 | -.045011 |
| Stddev | .0054894 | .0001927 | .002220 |
| %RSD | 22.92631 | .3696167 | 4.932202 |
| | | | |
| #1 | .0180786 | .0519337 | -.045990 |
| #2 | .0247951 | .0523156 | -.042470 |
| #3 | .0289580 | .0521693 | -.046574 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2363.023 | 26098.67 | 2290.414 | 1909.123 | 3072.068 |
| Stddev | 4.901 | 1087.13 | 14.225 | 71.903 | 7.416 |
| %RSD | .2074002 | 4.165467 | .6210554 | 3.766261 | .2414044 |
| | | | | | |
| #1 | 2365.658 | 24922.45 | 2285.727 | 1831.039 | 3074.832 |
| #2 | 2366.042 | 27066.55 | 2279.124 | 1972.602 | 3077.706 |
| #3 | 2357.368 | 26307.02 | 2306.391 | 1923.726 | 3063.667 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-18DLX2 Acquired: 12/13/2024 19:28:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0626949 | .0770076 | .3676949 | .0463864 | .0786093 | 16.11154 | 1.980180 |
| Stddev | .0027799 | .0028268 | .0011473 | .0014466 | .0040252 | .08471 | .010352 |
| %RSD | 4.434034 | 3.670775 | .3120132 | 3.118641 | 5.120462 | .5257563 | .5227906 |
| #1 | .0625542 | .0760962 | .3664361 | .0465330 | .0811302 | 16.01594 | 1.968790 |
| #2 | .0599879 | .0747490 | .3679670 | .0448720 | .0807306 | 16.14141 | 1.982736 |
| #3 | .0655424 | .0801777 | .3686817 | .0477541 | .0739672 | 16.17726 | 1.989015 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0480289 | .0492525 | 606.1443 | .2242977 | .5147399 | .2898389 | 54.46579 |
| Stddev | .0004325 | .0001049 | 2.0069 | .0006879 | .0017960 | .0093536 | .39704 |
| %RSD | .9004786 | .2129574 | .3310903 | .3066736 | .3489117 | 3.227158 | .7289757 |
| #1 | .0475748 | .0491921 | 603.8277 | .2250905 | .5128599 | .2795758 | 54.00742 |
| #2 | .0484360 | .0493736 | 607.3536 | .2239435 | .5149218 | .2978844 | 54.70295 |
| #3 | .0480759 | .0491918 | 607.2516 | .2238591 | .5164381 | .2920566 | 54.68701 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.818536 | 329.0307 | .5287386 | .0354591 | 2.570114 | .5258120 | .8002757 |
| Stddev | .019926 | 2.3507 | .0013891 | .0009080 | .483428 | .0121178 | .0045972 |
| %RSD | .5218139 | .7144296 | .2627244 | 2.560553 | 18.80959 | 2.304596 | .5744459 |
| #1 | 3.795925 | 326.3629 | .5271354 | .0364824 | 2.223507 | .5133801 | .8016736 |
| #2 | 3.833527 | 330.7980 | .5294946 | .0347499 | 2.364472 | .5264665 | .7951418 |
| #3 | 3.826156 | 329.9314 | .5295857 | .0351449 | 3.122364 | .5375893 | .8040116 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.562245 | 1.968342 | .0561907 | -.000210 | 11.13272 | 5.660295 | .0184413 |
| Stddev | .133666 | .007308 | .0022899 | .000472 | .03542 | .010945 | .0007414 |
| %RSD | 3.752309 | .3712879 | 4.075302 | 224.8293 | .3181286 | .1933641 | 4.020355 |
| #1 | 3.676589 | 1.965426 | .0579045 | -.000212 | 11.09386 | 5.647992 | .0175892 |
| #2 | 3.415291 | 1.962941 | .0570775 | .000263 | 11.14111 | 5.668950 | .0189394 |
| #3 | 3.594856 | 1.976658 | .0535899 | -.000681 | 11.16318 | 5.663942 | .0187952 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-18DLX2 Acquired: 12/13/2024 19:28:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1292813 | .2542938 | .0033281 |
| Stddev | .0017961 | .0021856 | .0042332 |
| %RSD | 1.389274 | .8594860 | 127.1964 |
| | | | |
| #1 | .1283034 | .2517725 | .0070744 |
| #2 | .1281864 | .2556501 | -.001264 |
| #3 | .1313542 | .2554588 | .004174 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2261.711 | 25306.04 | 2285.423 | 1832.930 | 2685.327 |
| Stddev | 5.389 | 88.53 | 12.003 | 4.408 | 5.196 |
| %RSD | .2382736 | .3498399 | .5252181 | .2404637 | .1934930 |
| | | | | | |
| #1 | 2264.273 | 25336.67 | 2295.256 | 1834.911 | 2691.103 |
| #2 | 2265.342 | 25375.19 | 2288.966 | 1835.998 | 2683.849 |
| #3 | 2255.519 | 25206.26 | 2272.047 | 1827.879 | 2681.031 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15DLX5 Acquired: 12/13/2024 19:31:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0034744 | .0269475 | .1049582 | -.041049 | -.009224 | 2.875401 | .0389193 |
| Stddev | .0000496 | .0033873 | .0016790 | .006684 | .001741 | .009149 | .0014256 |
| %RSD | 1.427445 | 12.56984 | 1.599671 | 16.28196 | 18.86852 | .3181686 | 3.662870 |
| #1 | .0035223 | .0264787 | .1058100 | -.043746 | -.009318 | 2.885180 | .0405400 |
| #2 | .0034775 | .0305447 | .1060405 | -.045962 | -.007439 | 2.867051 | .0378592 |
| #3 | .0034233 | .0238191 | .1030241 | -.033438 | -.010916 | 2.873971 | .0383589 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005890 | .0011852 | 495.0452 | .0114012 | .0373177 | .0213664 | 14.74859 |
| Stddev | .0001220 | .0000206 | 1.2432 | .0002182 | .0003882 | .0037644 | .03619 |
| %RSD | 20.70651 | 1.737815 | .2511381 | 1.913782 | 1.040332 | 17.61811 | .2453545 |
| #1 | .0004828 | .0011945 | 495.6232 | .0111508 | .0372865 | .0250410 | 14.77063 |
| #2 | .0005620 | .0011616 | 493.6182 | .0115503 | .0369460 | .0215399 | 14.76832 |
| #3 | .0007222 | .0011994 | 495.8942 | .0115026 | .0377206 | .0175183 | 14.70683 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.590097 | 128.3040 | .0226092 | -.000215 | 2.194295 | .0173522 | .2492075 |
| Stddev | .007646 | .4893 | .0001184 | .000645 | .952187 | .0063503 | .0010702 |
| %RSD | .4808698 | .3813280 | .5237715 | 300.8460 | 43.39378 | 36.59643 | .4294593 |
| #1 | 1.597093 | 128.7715 | .0227426 | -.000829 | 2.187181 | .0114574 | .2489045 |
| #2 | 1.581934 | 127.7955 | .0225166 | .000458 | 1.245684 | .0240764 | .2483214 |
| #3 | 1.591262 | 128.3450 | .0225684 | -.000273 | 3.150019 | .0165227 | .2503965 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.071302 | .9914469 | .0084547 | .0000030 | 3.248296 | 1.598738 | .0058417 |
| Stddev | .172217 | .0022510 | .0003649 | .0004723 | .004028 | .005796 | .0010025 |
| %RSD | 241.5332 | .2270384 | 4.315978 | 16020.17 | .1239950 | .3625157 | 17.16059 |
| #1 | .093440 | .9940241 | .0082008 | .0002776 | 3.251748 | 1.605206 | .0060558 |
| #2 | -.250129 | .9898662 | .0088729 | -.000542 | 3.243871 | 1.594017 | .0067199 |
| #3 | -.057216 | .9904504 | .0082904 | .000274 | 3.249269 | 1.596990 | .0047495 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15DLX5 Acquired: 12/13/2024 19:31:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0429824 | .2416267 | -.029548 |
| Stddev | .0020810 | .0008025 | .001864 |
| %RSD | 4.841482 | .3321190 | 6.307677 |
| | | | |
| #1 | .0406174 | .2420419 | -.028186 |
| #2 | .0437969 | .2407017 | -.031672 |
| #3 | .0445330 | .2421365 | -.028787 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2273.087 | 25368.07 | 2269.647 | 1837.892 | 2829.981 |
| Stddev | 5.395 | 27.99 | 5.680 | 4.455 | 2.692 |
| %RSD | .2373418 | .1103527 | .2502586 | .2423777 | .0951220 |
| | | | | | |
| #1 | 2267.038 | 25377.86 | 2264.411 | 1833.832 | 2826.874 |
| #2 | 2277.400 | 25336.50 | 2275.685 | 1837.188 | 2831.612 |
| #3 | 2274.822 | 25389.86 | 2268.845 | 1842.657 | 2831.458 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-16DLX5 Acquired: 12/13/2024 19:35:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0051119 | .0275918 | .1095493 | -.036493 | -.010701 | 2.942455 | .0406050 |
| Stddev | .0036867 | .0013609 | .0015669 | .002962 | .001929 | .005708 | .0005856 |
| %RSD | 72.12067 | 4.932306 | 1.430296 | 8.116867 | 18.02961 | .1939922 | 1.442199 |
| | | | | | | | |
| #1 | .0053939 | .0287865 | .1081653 | -.038386 | -.009084 | 2.937745 | .0412127 |
| #2 | .0012922 | .0261104 | .1092320 | -.033079 | -.012837 | 2.940817 | .0400443 |
| #3 | .0086494 | .0278786 | .1112505 | -.038012 | -.010182 | 2.948803 | .0405580 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006112 | .0012663 | 482.9478 | .0120260 | .0370874 | .0183845 | 15.49595 |
| Stddev | .0000075 | .0000084 | 1.7627 | .0004418 | .0003006 | .0016231 | .04490 |
| %RSD | 1.226826 | .6605769 | .3649876 | 3.674082 | .8103842 | 8.828599 | .2897293 |
| | | | | | | | |
| #1 | .0006046 | .0012659 | 482.4437 | .0120383 | .0367491 | .0196136 | 15.49278 |
| #2 | .0006096 | .0012581 | 481.4921 | .0124616 | .0373236 | .0189953 | 15.45272 |
| #3 | .0006193 | .0012748 | 484.9076 | .0115782 | .0371895 | .0165446 | 15.54235 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.687527 | 133.5170 | .0223098 | -.000193 | 2.084692 | .0096808 | .2354661 |
| Stddev | .008722 | .1611 | .0007662 | .000363 | .362744 | .0036520 | .0066931 |
| %RSD | .5168255 | .1206706 | 3.434376 | 188.5590 | 17.40035 | 37.72402 | 2.842493 |
| | | | | | | | |
| #1 | 1.681622 | 133.3548 | .0231938 | .000190 | 2.330838 | .0091950 | .2315701 |
| #2 | 1.683414 | 133.5193 | .0219010 | -.000236 | 2.255119 | .0135513 | .2431945 |
| #3 | 1.697544 | 133.6770 | .0218348 | -.000532 | 1.668119 | .0062960 | .2316336 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.159448 | 1.037951 | .0065228 | -.000008 | 3.416672 | 1.617114 | .0065970 |
| Stddev | .216256 | .002116 | .0015729 | .000331 | .012652 | .008830 | .0011483 |
| %RSD | 135.6278 | .2038764 | 24.11442 | 4147.543 | .3702936 | .5460625 | 17.40621 |
| | | | | | | | |
| #1 | -.404947 | 1.036874 | .0048590 | -.000256 | 3.409515 | 1.612217 | .0058163 |
| #2 | -.076253 | 1.036589 | .0067239 | .000368 | 3.409222 | 1.611816 | .0079155 |
| #3 | .002855 | 1.040388 | .0079856 | -.000136 | 3.431280 | 1.627308 | .0060593 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-16DLX5 Acquired: 12/13/2024 19:35:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0470316 | .2330255 | -.035219 |
| Stddev | .0014598 | .0006457 | .005367 |
| %RSD | 3.103928 | .2771049 | 15.23833 |
| | | | |
| #1 | .0468505 | .2325127 | -.033629 |
| #2 | .0485736 | .2328132 | -.030827 |
| #3 | .0456708 | .2337507 | -.041201 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2276.535 | 25534.14 | 2294.826 | 1850.138 | 2832.951 |
| Stddev | 3.134 | 180.65 | 11.001 | 5.390 | 1.815 |
| %RSD | .1376458 | .7074663 | .4793729 | .2913146 | .0640631 |
| | | | | | |
| #1 | 2279.857 | 25328.46 | 2291.730 | 1845.793 | 2832.796 |
| #2 | 2276.115 | 25667.08 | 2307.043 | 1856.169 | 2831.219 |
| #3 | 2273.633 | 25606.86 | 2285.705 | 1848.452 | 2834.839 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15LDLX25 Acquired: 12/13/2024 19:39:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004297 | .0157790 | .0245591 | -.021048 | -.005038 | .6010737 | .0085790 |
| Stddev | .002498 | .0022379 | .0002619 | .003193 | .001046 | .0089245 | .0008503 |
| %RSD | 58.12452 | 14.18264 | 1.066560 | 15.16888 | 20.75461 | 1.484752 | 9.910929 |
| #1 | -.002642 | .0175775 | .0243555 | -.017965 | -.005334 | .5917540 | .0089025 |
| #2 | -.007170 | .0164866 | .0244673 | -.020839 | -.005903 | .6095419 | .0092201 |
| #3 | -.003079 | .0132729 | .0248546 | -.024340 | -.003876 | .6019252 | .0076145 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001563 | .0002630 | 98.08697 | .0024673 | .0234567 | .0068322 | 3.087528 |
| Stddev | .0001321 | .0000091 | .23003 | .0004561 | .0005375 | .0111010 | .024135 |
| %RSD | 84.49880 | 3.475929 | .2345147 | 18.48551 | 2.291505 | 162.4786 | .7816949 |
| #1 | .0002953 | .0002578 | 97.85990 | .0029777 | .0229052 | .0021570 | 3.060071 |
| #2 | .0001411 | .0002577 | 98.08116 | .0023242 | .0239790 | .0195061 | 3.097123 |
| #3 | .0000325 | .0002736 | 98.31985 | .0020999 | .0234859 | -.001166 | 3.105390 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3348040 | 26.76774 | .0025256 | .0008685 | 2.101912 | -.002524 | .0432504 |
| Stddev | .0023929 | .12148 | .0006365 | .0010121 | .423286 | .007005 | .0070608 |
| %RSD | .7147288 | .4538174 | 25.20217 | 116.5344 | 20.13816 | 277.5505 | 16.32542 |
| #1 | .3322376 | 26.77198 | .0032478 | .0009649 | 2.322453 | .001550 | .0438308 |
| #2 | .3352004 | 26.64420 | .0020461 | .0018289 | 1.613895 | .001491 | .0359173 |
| #3 | .3369740 | 26.88704 | .0022831 | -.000188 | 2.369388 | -.010613 | .0500031 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.692543 | .1904711 | -.008960 | .0003341 | .6294714 | .2957973 | -.000386 |
| Stddev | .120057 | .0018753 | .001305 | .0001661 | .0010664 | .0027497 | .000584 |
| %RSD | 17.33568 | .9845517 | 14.56408 | 49.69359 | .1694150 | .9295828 | 151.3269 |
| #1 | -.705695 | .1898131 | -.010393 | .0005202 | .6283921 | .2948968 | .000100 |
| #2 | -.805483 | .1890134 | -.008646 | .0002810 | .6305244 | .2936107 | -.000225 |
| #3 | -.566452 | .1925867 | -.007840 | .0002012 | .6294977 | .2988843 | -.001034 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15LDLX25 Acquired: 12/13/2024 19:39:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0100721 | .0472810 | -.056852 |
| Stddev | .0019772 | .0002114 | .004404 |
| %RSD | 19.63017 | .4471493 | 7.746008 |
| | | | |
| #1 | .0115271 | .0471135 | -.061151 |
| #2 | .0078210 | .0472110 | -.052350 |
| #3 | .0108681 | .0475186 | -.057055 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2372.281 | 26292.24 | 2319.341 | 1938.832 | 3140.044 |
| Stddev | 3.988 | 44.45 | 13.799 | 1.913 | 4.080 |
| %RSD | .1680929 | .1690778 | .5949574 | .0986616 | .1299465 |
| | | | | | |
| #1 | 2376.006 | 26240.93 | 2325.351 | 1938.411 | 3140.989 |
| #2 | 2368.075 | 26319.15 | 2329.117 | 1940.920 | 3135.574 |
| #3 | 2372.763 | 26316.63 | 2303.557 | 1937.164 | 3143.569 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-17DLX5 Acquired: 12/13/2024 19:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0169255 | .0498566 | .1161436 | -.001188 | .0245514 | 3.717666 | .8241113 |
| Stddev | .0034180 | .0012641 | .0001489 | .001444 | .0014458 | .014919 | .0010759 |
| %RSD | 20.19449 | 2.535563 | .1281594 | 121.5772 | 5.888735 | .4012886 | .1305480 |
| #1 | .0190115 | .0513024 | .1159718 | -.000146 | .0254166 | 3.709153 | .8250449 |
| #2 | .0129809 | .0493076 | .1162330 | -.002836 | .0228824 | 3.708952 | .8229347 |
| #3 | .0187841 | .0489598 | .1162260 | -.000581 | .0253554 | 3.734892 | .8243544 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0194565 | .0205690 | 490.1704 | .0930831 | .2210525 | .1124259 | 15.43351 |
| Stddev | .0001026 | .0000803 | 1.1619 | .0008433 | .0004267 | .0073593 | .03913 |
| %RSD | .5272502 | .3903190 | .2370355 | .9060222 | .1930270 | 6.545908 | .2535256 |
| #1 | .0193483 | .0206479 | 490.0770 | .0928599 | .2212446 | .1193434 | 15.45623 |
| #2 | .0195523 | .0205715 | 489.0580 | .0923737 | .2205635 | .1132415 | 15.38833 |
| #3 | .0194688 | .0204874 | 491.3762 | .0940155 | .2213493 | .1046927 | 15.45596 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.832809 | 129.2072 | .2157630 | .0162019 | 1.932834 | .2151162 | .4037676 |
| Stddev | .000656 | .4999 | .0004908 | .0015203 | .332710 | .0048058 | .0068697 |
| %RSD | .0357887 | .3869042 | .2274675 | 9.383517 | 17.21360 | 2.234056 | 1.701399 |
| #1 | 1.832279 | 128.9591 | .2160499 | .0152456 | 2.303693 | .2150729 | .3962136 |
| #2 | 1.832607 | 128.8799 | .2151963 | .0179550 | 1.660549 | .2103322 | .4096410 |
| #3 | 1.833543 | 129.7826 | .2160429 | .0154052 | 1.834260 | .2199435 | .4054483 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.143313 | 1.017307 | .0066111 | .0002041 | 3.342581 | 1.621035 | .0065410 |
| Stddev | .138645 | .001121 | .0005828 | .0004183 | .007606 | .003755 | .0011667 |
| %RSD | 96.74309 | .1102307 | 8.815499 | 204.9799 | .2275588 | .2316170 | 17.83727 |
| #1 | -.281311 | 1.016195 | .0072725 | -.000242 | 3.335160 | 1.617057 | .0053465 |
| #2 | -.004030 | 1.018437 | .0061731 | .000588 | 3.350360 | 1.621531 | .0065987 |
| #3 | -.144597 | 1.017289 | .0063876 | .000266 | 3.342224 | 1.624516 | .0076778 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-17DLX5 Acquired: 12/13/2024 19:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0423903 | .2359521 | -.031452 |
| Stddev | .0021073 | .0003411 | .004381 |
| %RSD | 4.971088 | .1445656 | 13.92787 |
| | | | |
| #1 | .0442532 | .2363184 | -.030220 |
| #2 | .0401032 | .2356436 | -.036317 |
| #3 | .0428144 | .2358941 | -.027819 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2268.521 | 25542.53 | 2303.796 | 1856.118 | 2829.464 |
| Stddev | 3.032 | 65.63 | 6.325 | 14.609 | 9.691 |
| %RSD | .1336687 | .2569394 | .2745498 | .7870466 | .3425139 |
| | | | | | |
| #1 | 2271.775 | 25546.22 | 2309.870 | 1871.785 | 2838.719 |
| #2 | 2268.014 | 25606.23 | 2304.271 | 1853.697 | 2830.284 |
| #3 | 2265.774 | 25475.13 | 2297.246 | 1842.871 | 2819.389 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01DLX2 Acquired: 12/13/2024 19:47:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0226369 | .0316831 | .6027189 | -.033277 | -.004691 | 10.91653 | .1524912 |
| Stddev | .0010649 | .0020487 | .0032374 | .002270 | .001071 | .02767 | .0007861 |
| %RSD | 4.704068 | 6.466395 | .5371365 | 6.821886 | 22.83790 | .2534734 | .5155331 |
| #1 | .0235719 | .0340002 | .5991011 | -.033471 | -.004371 | 10.88528 | .1526003 |
| #2 | .0214778 | .0301113 | .6053430 | -.030917 | -.003816 | 10.93791 | .1516563 |
| #3 | .0228609 | .0309379 | .6037125 | -.035445 | -.005886 | 10.92641 | .1532172 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0012549 | .0042416 | 681.2027 | .0412859 | .0505871 | .1066841 | 49.03124 |
| Stddev | .0001850 | .0000094 | 1.0406 | .0006470 | .0007806 | .0059953 | .15834 |
| %RSD | 14.73989 | .2207525 | .1527605 | 1.567182 | 1.543038 | 5.619682 | .3229395 |
| #1 | .0013841 | .0042500 | 681.3418 | .0420325 | .0497821 | .1098760 | 48.96269 |
| #2 | .0010430 | .0042315 | 682.1668 | .0408884 | .0506384 | .1104080 | 49.21230 |
| #3 | .0013376 | .0042432 | 680.0996 | .0409369 | .0513407 | .0997681 | 48.91872 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.580680 | 353.4035 | .0757308 | -.002038 | 2.407327 | .0339611 | .8615728 |
| Stddev | .009209 | .3877 | .0002300 | .000323 | .386475 | .0020693 | .0086194 |
| %RSD | .2010338 | .1097136 | .3036818 | 15.85152 | 16.05410 | 6.093049 | 1.000430 |
| #1 | 4.589286 | 353.8293 | .0756599 | -.001668 | 2.261748 | .0328613 | .8531396 |
| #2 | 4.581786 | 353.3105 | .0759878 | -.002183 | 2.845449 | .0326739 | .8703671 |
| #3 | 4.570968 | 353.0708 | .0755446 | -.002263 | 2.114784 | .0363480 | .8612115 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.123896 | 2.396961 | .0248227 | .0012928 | 6.430820 | 4.318497 | .0332007 |
| Stddev | .157009 | .006570 | .0014347 | .0006903 | .012093 | .008196 | .0015961 |
| %RSD | 13.97003 | .2741001 | 5.779903 | 53.39480 | .1880412 | .1897938 | 4.807332 |
| #1 | 1.227494 | 2.404168 | .0238192 | .0017358 | 6.444490 | 4.327946 | .0340418 |
| #2 | 1.200947 | 2.395410 | .0264660 | .0016451 | 6.426446 | 4.313320 | .0342003 |
| #3 | .943247 | 2.391305 | .0241828 | .0004974 | 6.421522 | 4.314223 | .0313600 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01DLX2 Acquired: 12/13/2024 19:47:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2071385 | .2111039 | -.010492 |
| Stddev | .0055700 | .0006586 | .004705 |
| %RSD | 2.689038 | .3119922 | 44.84159 |
| | | | |
| #1 | .2073434 | .2118210 | -.005067 |
| #2 | .2126033 | .2109645 | -.012963 |
| #3 | .2014689 | .2105261 | -.013448 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2248.937 | 25431.23 | 2295.267 | 1837.295 | 2697.886 |
| Stddev | 12.842 | 93.89 | 9.968 | 6.333 | 12.233 |
| %RSD | .5710085 | .3691798 | .4342883 | .3447171 | .4534192 |
| | | | | | |
| #1 | 2237.115 | 25344.48 | 2284.220 | 1838.004 | 2685.074 |
| #2 | 2262.600 | 25418.28 | 2297.992 | 1830.637 | 2709.443 |
| #3 | 2247.095 | 25530.91 | 2303.589 | 1843.245 | 2699.141 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-02DLX2 Acquired: 12/13/2024 19:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0220092 | .0297708 | .5958371 | -.029756 | -.005768 | 10.93413 | .1501986 |
| Stddev | .0011944 | .0034040 | .0020747 | .001327 | .001913 | .02124 | .0019393 |
| %RSD | 5.426720 | 11.43387 | .3481984 | 4.460153 | 33.16682 | .1942936 | 1.291157 |
| #1 | .0208522 | .0322481 | .5979986 | -.031056 | -.003568 | 10.91990 | .1492263 |
| #2 | .0232377 | .0258894 | .5956511 | -.028403 | -.006691 | 10.92394 | .1489377 |
| #3 | .0219377 | .0311748 | .5938617 | -.029808 | -.007044 | 10.95855 | .1524317 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0013969 | .0043181 | 684.2450 | .0417829 | .0518376 | .1047288 | 49.06340 |
| Stddev | .0001680 | .0001034 | .4270 | .0009177 | .0002482 | .0010848 | .11142 |
| %RSD | 12.02953 | 2.395560 | .0624100 | 2.196477 | .4787224 | 1.035837 | .2270952 |
| #1 | .0012417 | .0044103 | 684.0063 | .0413260 | .0519030 | .1039739 | 49.13222 |
| #2 | .0015753 | .0043379 | 683.9907 | .0411832 | .0520465 | .1059719 | 48.93485 |
| #3 | .0013737 | .0042062 | 684.7380 | .0428394 | .0515633 | .1042405 | 49.12313 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.614997 | 354.8665 | .0741900 | -.002243 | 2.190183 | .0353639 | .8753177 |
| Stddev | .001695 | 1.4508 | .0004572 | .001594 | .241935 | .0084747 | .0154434 |
| %RSD | .0367187 | .4088244 | .6161922 | 71.07314 | 11.04635 | 23.96424 | 1.764321 |
| #1 | 4.614662 | 353.3410 | .0736652 | -.003141 | 2.240257 | .0289486 | .8926124 |
| #2 | 4.613494 | 355.0299 | .0745015 | -.000402 | 2.403163 | .0321722 | .8704344 |
| #3 | 4.616833 | 356.2287 | .0744034 | -.003185 | 1.927129 | .0449710 | .8629062 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.147272 | 2.385508 | .0266898 | .0013543 | 6.319231 | 4.332235 | .0319256 |
| Stddev | .082440 | .004707 | .0011285 | .0002981 | .019201 | .030780 | .0006623 |
| %RSD | 7.185782 | .1973338 | 4.228075 | 22.00855 | .3038553 | .7104788 | 2.074567 |
| #1 | 1.148319 | 2.383887 | .0259716 | .0012529 | 6.322888 | 4.306246 | .0312100 |
| #2 | 1.064313 | 2.381826 | .0279905 | .0016899 | 6.336340 | 4.324234 | .0320499 |
| #3 | 1.229184 | 2.390812 | .0261072 | .0011202 | 6.298464 | 4.366225 | .0325170 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-02DLX2 Acquired: 12/13/2024 19:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2081983 | .2119817 | -.010710 |
| Stddev | .0032868 | .0006242 | .000528 |
| %RSD | 1.578678 | .2944729 | 4.931314 |
| | | | |
| #1 | .2104226 | .2125716 | -.010319 |
| #2 | .2097494 | .2120456 | -.010500 |
| #3 | .2044231 | .2113280 | -.011310 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2221.909 | 25025.40 | 2293.403 | 1810.487 | 2665.472 |
| Stddev | 1.048 | 53.08 | 19.583 | 2.098 | .468 |
| %RSD | .0471659 | .2120915 | .8538936 | .1158684 | .0175413 |
| | | | | | |
| #1 | 2222.614 | 25083.53 | 2316.016 | 1808.803 | 2664.933 |
| #2 | 2222.408 | 25013.14 | 2282.110 | 1809.822 | 2665.724 |
| #3 | 2220.704 | 24979.52 | 2282.084 | 1812.837 | 2665.760 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01LDLX10 Acquired: 12/13/2024 19:55:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041982 | .0181531 | .1249667 | -.024491 | -.006645 | 2.403034 | .0308877 |
| Stddev | .0026691 | .0005882 | .0013227 | .000232 | .002690 | .027481 | .0000708 |
| %RSD | 63.57714 | 3.240319 | 1.058456 | .9483665 | 40.49016 | 1.143595 | .2292514 |
| #1 | .0069481 | .0183102 | .1238626 | -.024733 | -.007946 | 2.409324 | .0308680 |
| #2 | .0040282 | .0186469 | .1264327 | -.024471 | -.008437 | 2.372953 | .0309663 |
| #3 | .0016181 | .0175023 | .1246049 | -.024270 | -.003551 | 2.426824 | .0308288 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003891 | .0008295 | 138.9931 | .0090364 | .0286304 | .0214376 | 10.29842 |
| Stddev | .0000955 | .0000272 | .0446 | .0004631 | .0003618 | .0047176 | .05092 |
| %RSD | 24.52970 | 3.277597 | .0320584 | 5.124768 | 1.263559 | 22.00608 | .4944196 |
| #1 | .0004925 | .0008155 | 139.0261 | .0095111 | .0282409 | .0264398 | 10.24174 |
| #2 | .0003705 | .0008608 | 139.0107 | .0090122 | .0289558 | .0170686 | 10.34030 |
| #3 | .0003044 | .0008121 | 138.9424 | .0085858 | .0286946 | .0208045 | 10.31322 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9667554 | 74.59655 | .0138005 | .0004360 | 2.007759 | .0035157 | .1842017 |
| Stddev | .0013613 | .25929 | .0003825 | .0008521 | .205509 | .0045709 | .0024637 |
| %RSD | .1408120 | .3475939 | 2.771758 | 195.4626 | 10.23573 | 130.0150 | 1.337494 |
| #1 | .9674872 | 74.62915 | .0138666 | -.000230 | 1.849275 | .0048339 | .1813978 |
| #2 | .9675944 | 74.83800 | .0141456 | .001396 | 1.934043 | .0072827 | .1860202 |
| #3 | .9651847 | 74.32250 | .0133892 | .000142 | 2.239958 | -.001569 | .1851871 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.480433 | .4485009 | -.005546 | .0001507 | 1.195736 | .8748828 | .0059648 |
| Stddev | .196661 | .0018891 | .002811 | .0006091 | .003875 | .0066135 | .0009787 |
| %RSD | 40.93418 | .4211957 | 50.69107 | 404.1060 | .3240623 | .7559312 | 16.40849 |
| #1 | -.453663 | .4464711 | -.005644 | .0008533 | 1.195919 | .8779289 | .0050524 |
| #2 | -.689108 | .4502075 | -.008306 | -.000229 | 1.191772 | .8794243 | .0058434 |
| #3 | -.298528 | .4488240 | -.002687 | -.000172 | 1.199516 | .8672951 | .0069985 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01LDLX10 Acquired: 12/13/2024 19:55:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0372744 | .0426759 | -.051109 |
| Stddev | .0023996 | .0003361 | .003458 |
| %RSD | 6.437553 | .7874347 | 6.765272 |
| | | | |
| #1 | .0345145 | .0423718 | -.050824 |
| #2 | .0384423 | .0430367 | -.054700 |
| #3 | .0388664 | .0426193 | -.047802 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2324.373 | 25845.36 | 2280.681 | 1883.518 | 3026.974 |
| Stddev | 9.202 | 96.07 | 1.790 | 3.322 | 16.730 |
| %RSD | .3958741 | .3717235 | .0784669 | .1763714 | .5526871 |
| | | | | | |
| #1 | 2334.983 | 25910.01 | 2280.355 | 1883.570 | 3046.287 |
| #2 | 2318.577 | 25891.10 | 2279.077 | 1886.813 | 3017.682 |
| #3 | 2319.559 | 25734.96 | 2282.611 | 1880.170 | 3016.953 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-03DLX2 Acquired: 12/13/2024 19:59:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0581235 | .0785634 | .5891546 | .0459776 | .0757085 | 12.30310 | 2.036751 |
| Stddev | .0019893 | .0027990 | .0032315 | .0038163 | .0020352 | .05996 | .003475 |
| %RSD | 3.422600 | 3.562781 | .5484979 | 8.300364 | 2.688201 | .4873265 | .1706031 |
| #1 | .0560233 | .0791422 | .5920686 | .0464531 | .0778130 | 12.28983 | 2.033209 |
| #2 | .0583676 | .0755202 | .5897160 | .0419458 | .0755620 | 12.25088 | 2.040154 |
| #3 | .0599794 | .0810277 | .5856792 | .0495339 | .0737506 | 12.36857 | 2.036889 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0470102 | .0501426 | 655.0649 | .2334308 | .4977060 | .3293112 | 48.22824 |
| Stddev | .0001938 | .0001741 | 1.5027 | .0018540 | .0007070 | .0092695 | .10688 |
| %RSD | .4122407 | .3472853 | .2294016 | .7942191 | .1420513 | 2.814798 | .2216181 |
| #1 | .0471806 | .0503437 | 654.3444 | .2313287 | .4983927 | .3363839 | 48.29118 |
| #2 | .0467994 | .0500451 | 654.0581 | .2348325 | .4969803 | .3327322 | 48.10483 |
| #3 | .0470506 | .0500392 | 656.7922 | .2341313 | .4977452 | .3188175 | 48.28871 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.906677 | 344.1370 | .5333555 | .0368215 | 2.165173 | .5209202 | 1.242781 |
| Stddev | .010118 | .9700 | .0021713 | .0018295 | .284355 | .0043605 | .006736 |
| %RSD | .2062104 | .2818674 | .4071065 | 4.968570 | 13.13312 | .8370809 | .5419736 |
| #1 | 4.901756 | 343.1329 | .5352681 | .0381539 | 2.098136 | .5159301 | 1.235087 |
| #2 | 4.918314 | 345.0688 | .5309952 | .0375750 | 2.477057 | .5239974 | 1.247612 |
| #3 | 4.899961 | 344.2092 | .5338031 | .0347356 | 1.920327 | .5228329 | 1.245645 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.146088 | 2.274049 | .0263999 | .0011490 | 6.055385 | 4.212473 | .0317710 |
| Stddev | .169728 | .008336 | .0012137 | .0003099 | .018326 | .016201 | .0014799 |
| %RSD | 14.80929 | .3665627 | 4.597458 | 26.97041 | .3026419 | .3845983 | 4.658159 |
| #1 | .950177 | 2.270324 | .0253576 | .0014290 | 6.062879 | 4.196194 | .0316651 |
| #2 | 1.248678 | 2.268225 | .0277324 | .0012021 | 6.034500 | 4.212632 | .0303468 |
| #3 | 1.239409 | 2.283597 | .0261095 | .0008160 | 6.068778 | 4.228595 | .0333010 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-03DLX2 Acquired: 12/13/2024 19:59:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1979373 | .2034736 | -.014086 |
| Stddev | .0013897 | .0007161 | .004497 |
| %RSD | .7021069 | .3519375 | 31.92250 |
| | | | |
| #1 | .1975199 | .2026477 | -.014039 |
| #2 | .1994879 | .2039203 | -.018605 |
| #3 | .1968041 | .2038530 | -.009613 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2241.936 | 25086.02 | 2257.116 | 1808.565 | 2696.747 |
| Stddev | 2.278 | 115.82 | 9.257 | 7.118 | .535 |
| %RSD | .1016029 | .4617011 | .4101304 | .3935845 | .0198311 |
| | | | | | |
| #1 | 2239.487 | 25133.46 | 2262.681 | 1813.908 | 2696.581 |
| #2 | 2242.329 | 24954.01 | 2246.430 | 1800.484 | 2697.345 |
| #3 | 2243.992 | 25170.60 | 2262.237 | 1811.302 | 2696.315 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18DLX2 Acquired: 12/13/2024 20:02:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0581189 | .0303807 | .6111516 | -.026435 | .0045205 | 31.65049 | .3722231 |
| Stddev | .0033106 | .0036766 | .0017436 | .002978 | .0005767 | .15653 | .0013158 |
| %RSD | 5.696229 | 12.10181 | .2852970 | 11.26578 | 12.75783 | .4945729 | .3535101 |
| #1 | .0614716 | .0329377 | .6118441 | -.026640 | .0038591 | 31.75228 | .3737320 |
| #2 | .0580331 | .0261673 | .6091682 | -.023360 | .0049182 | 31.47024 | .3713142 |
| #3 | .0548520 | .0320372 | .6124426 | -.029306 | .0047842 | 31.72894 | .3716230 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0026934 | .0023139 | 665.6156 | .0503340 | .0761859 | .2331718 | 82.12875 |
| Stddev | .0000836 | .0000927 | 1.6738 | .0012714 | .0007457 | .0053691 | .31389 |
| %RSD | 3.104940 | 4.004564 | .2514617 | 2.525903 | .9787493 | 2.302646 | .3821932 |
| #1 | .0025995 | .0023665 | 666.5310 | .0498923 | .0757125 | .2338263 | 82.36648 |
| #2 | .0027206 | .0022070 | 663.6838 | .0493425 | .0770454 | .2275054 | 81.77294 |
| #3 | .0027600 | .0023684 | 666.6320 | .0517674 | .0757997 | .2381837 | 82.24683 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.469374 | 17.14628 | .0886353 | -.005475 | 2.426940 | .0724064 | .4085072 |
| Stddev | .052378 | .07939 | .0003671 | .001938 | .467064 | .0103015 | .0045438 |
| %RSD | .7012311 | .4629881 | .4141235 | 35.39360 | 19.24498 | 14.22726 | 1.112294 |
| #1 | 7.521894 | 17.18198 | .0883628 | -.003263 | 2.249264 | .0824455 | .4091933 |
| #2 | 7.417140 | 17.05532 | .0884904 | -.006874 | 2.074788 | .0618613 | .4036593 |
| #3 | 7.469089 | 17.20155 | .0890527 | -.006287 | 2.956769 | .0729124 | .4126689 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.752048 | 3.742567 | -.015260 | .0002532 | .7000786 | 5.052001 | .0191673 |
| Stddev | .080468 | .002743 | .001313 | .0005703 | .0024082 | .014589 | .0007202 |
| %RSD | 4.592792 | .0732836 | 8.607573 | 225.2547 | .3439880 | .2887721 | 3.757515 |
| #1 | 1.843059 | 3.739565 | -.015169 | .0002591 | .6977616 | 5.064867 | .0195550 |
| #2 | 1.690333 | 3.743191 | -.016616 | .0008205 | .7025687 | 5.036151 | .0196106 |
| #3 | 1.722751 | 3.744943 | -.013994 | -.000320 | .6999056 | 5.054987 | .0183363 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18DLX2 Acquired: 12/13/2024 20:02:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5130033 | .3272235 | .0110299 |
| Stddev | .0018404 | .0022893 | .0041700 |
| %RSD | .3587540 | .6996174 | 37.80670 |
| | | | |
| #1 | .5144740 | .3298323 | .0063541 |
| #2 | .5109394 | .3255497 | .0123716 |
| #3 | .5135965 | .3262884 | .0143638 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2441.698 | 27240.42 | 2446.310 | 1986.965 | 2846.623 |
| Stddev | 5.068 | 122.61 | 20.777 | 7.383 | 3.501 |
| %RSD | .2075781 | .4500878 | .8493242 | .3715819 | .1229872 |
| | | | | | |
| #1 | 2447.147 | 27141.43 | 2426.700 | 1985.212 | 2848.674 |
| #2 | 2437.124 | 27377.57 | 2468.085 | 1995.067 | 2842.581 |
| #3 | 2440.824 | 27202.27 | 2444.144 | 1980.616 | 2848.615 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV011 Acquired: 12/13/2024 20:18:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.908504 | 5.112342 | 24.03322 | 4.609253 | 4.665589 | 381.4792 | 9.787875 |
| Stddev | .018254 | .019369 | .02714 | .002123 | .003164 | .8908 | .017535 |
| %RSD | .3718913 | .3788659 | .1129188 | .0460601 | .0678193 | .2335035 | .1791516 |
| | | | | | | | |
| #1 | 4.919868 | 5.092723 | 24.01254 | 4.611156 | 4.665814 | 382.2282 | 9.805943 |
| #2 | 4.887448 | 5.112851 | 24.02317 | 4.606963 | 4.668634 | 380.4942 | 9.770926 |
| #3 | 4.918196 | 5.131451 | 24.06395 | 4.609638 | 4.662318 | 381.7151 | 9.786756 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4759743 | 2.391332 | 399.7188 | 14.70730 | 2.315198 | 14.87597 | 397.3262 |
| Stddev | .0019928 | .003263 | 1.5074 | .01651 | .002806 | .04635 | .6052 |
| %RSD | .4186709 | .1364597 | .3771069 | .1122557 | .1212130 | .3115889 | .1523129 |
| | | | | | | | |
| #1 | .4781511 | 2.388586 | 401.1223 | 14.68915 | 2.315231 | 14.89917 | 397.8387 |
| #2 | .4742399 | 2.390469 | 398.1255 | 14.72143 | 2.312375 | 14.90615 | 396.6585 |
| #3 | .4755319 | 2.394939 | 399.9084 | 14.71130 | 2.317988 | 14.82260 | 397.4814 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.85864 | 375.5719 | 2.397192 | 1.245195 | 382.8645 | 2.461885 | 13.90497 |
| Stddev | .02436 | .8271 | .001503 | .002788 | 1.2669 | .021702 | .02142 |
| %RSD | .1639449 | .2202163 | .0626828 | .2238770 | .3308954 | .8815238 | .1540225 |
| | | | | | | | |
| #1 | 14.88666 | 376.3902 | 2.398103 | 1.248395 | 384.1744 | 2.486870 | 13.88325 |
| #2 | 14.84251 | 375.5890 | 2.395458 | 1.243896 | 381.6455 | 2.451067 | 13.92607 |
| #3 | 14.84675 | 374.7364 | 2.398016 | 1.243294 | 382.7736 | 2.447719 | 13.90559 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 141.8349 | 4.759158 | 4.610747 | 4.718699 | 4.699283 | 4.860634 | 4.851417 |
| Stddev | .1792 | .004645 | .020982 | .006201 | .000937 | .017417 | .012785 |
| %RSD | .1263149 | .0975941 | .4550600 | .1314063 | .0199391 | .3583311 | .2635270 |
| | | | | | | | |
| #1 | 141.6669 | 4.762622 | 4.634113 | 4.711688 | 4.699218 | 4.880241 | 4.838754 |
| #2 | 142.0235 | 4.760973 | 4.593519 | 4.720948 | 4.698380 | 4.846953 | 4.851176 |
| #3 | 141.8145 | 4.753880 | 4.604609 | 4.723462 | 4.700251 | 4.854708 | 4.864320 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV011 Acquired: 12/13/2024 20:18:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.013200 | 4.633148 | 5.011566 |
| Stddev | .019242 | .005675 | .016347 |
| %RSD | .3838337 | .1224782 | .3261939 |
| | | | |
| #1 | 5.035041 | 4.633890 | 5.016455 |
| #2 | 5.005812 | 4.638415 | 5.024912 |
| #3 | 4.998746 | 4.627139 | 4.993332 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1938.405 | 23756.94 | 2219.564 | 1635.543 | 2577.787 |
| Stddev | 5.044 | 41.51 | 12.561 | 8.820 | 5.659 |
| %RSD | .2602211 | .1747469 | .5659323 | .5392645 | .2195194 |
| | | | | | |
| #1 | 1942.497 | 23714.29 | 2206.399 | 1627.192 | 2583.093 |
| #2 | 1932.770 | 23797.22 | 2231.418 | 1644.767 | 2571.832 |
| #3 | 1939.949 | 23759.31 | 2220.876 | 1634.671 | 2578.437 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB011 Acquired: 12/13/2024 20:22:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001671 | .0014657 | .0018487 | -.003443 | .0026161 | .0310385 |
| Stddev | .002121 | .0009624 | .0014253 | .001598 | .0024460 | .0268846 |
| %RSD | 126.8986 | 65.65914 | 77.09988 | 46.42363 | 93.49896 | 86.61704 |
| #1 | .000224 | .0025482 | .0032115 | -.001615 | .0024638 | .0258255 |
| #2 | -.003962 | .0011419 | .0019664 | -.004576 | .0051347 | .0071421 |
| #3 | -.001275 | .0007070 | .0003681 | -.004139 | .0002498 | .0601478 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001991 | .0000092 | .0000495 | .0461033 | .0006013 | .0001213 |
| Stddev | .0006033 | .0000222 | .0000307 | .0204604 | .0001152 | .0002023 |
| %RSD | 302.9556 | 241.6462 | 62.09016 | 44.37942 | 19.15861 | 166.8349 |
| #1 | .0003992 | .0000340 | .0000843 | .0250446 | .0004740 | .0002066 |
| #2 | -.000479 | .0000025 | .0000381 | .0659076 | .0006983 | -.000110 |
| #3 | .000677 | -.000009 | .0000261 | .0473576 | .0006316 | .000267 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0027508 | .0131517 | .0002392 | .0213702 | .0001580 | .0009152 |
| Stddev | .0032379 | .0086194 | .0026461 | .0282215 | .0001365 | .0005509 |
| %RSD | 117.7091 | 65.53874 | 1106.433 | 132.0605 | 86.38916 | 60.19813 |
| #1 | .0050729 | .0079231 | -.002122 | .0034479 | .0002268 | .0014978 |
| #2 | .0041275 | .0231002 | .003099 | .0067612 | .0002463 | .0004027 |
| #3 | -.000948 | .0084317 | -.000260 | .0539014 | .0000008 | .0008449 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.027457 | .0013434 | .0072357 | -.241431 | -.003431 | .0036178 |
| Stddev | .392853 | .0138035 | .0048497 | .145450 | .001257 | .0021190 |
| %RSD | 19.37666 | 1027.474 | 67.02555 | 60.24504 | 36.62988 | 58.57151 |
| #1 | 2.341447 | -.011096 | .0017147 | -.294578 | -.002132 | .0060589 |
| #2 | 1.586928 | -.001068 | .0108080 | -.352833 | -.003519 | .0022536 |
| #3 | 2.153997 | .016194 | .0091843 | -.076882 | -.004641 | .0025408 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB011 Acquired: 12/13/2024 20:22:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002930 | -.006241 | -.037488 | -.000567 | -.005453 | .0000704 |
| Stddev | .0001731 | .004568 | .000795 | .000863 | .001822 | .0001176 |
| %RSD | 59.07987 | 73.19140 | 2.121740 | 152.1787 | 33.40624 | 167.1381 |
| | | | | | | |
| #1 | .0004768 | -.007615 | -.037137 | -.000716 | -.007178 | -.000000 |
| #2 | .0002694 | -.001144 | -.036928 | .000361 | -.003548 | .000005 |
| #3 | .0001330 | -.009966 | -.038398 | -.001347 | -.005634 | .000206 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | F -.049861 |
| Stddev | .002265 |
| %RSD | 4.543075 |
| | |
| #1 | -.049060 |
| #2 | -.048105 |
| #3 | -.052418 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2378.814 | 26267.42 | 2285.151 | 1943.987 | 3272.267 |
| Stddev | 3.098 | 31.86 | 7.661 | 3.947 | 6.830 |
| %RSD | .1302162 | .1213014 | .3352362 | .2030555 | .2087330 |
| | | | | | |
| #1 | 2376.403 | 26232.78 | 2293.645 | 1939.431 | 3264.555 |
| #2 | 2382.308 | 26274.02 | 2278.766 | 1946.393 | 3277.552 |
| #3 | 2377.731 | 26295.47 | 2283.041 | 1946.136 | 3274.695 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-19DLX2 Acquired: 12/13/2024 20:26:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0589794 | .0320947 | .6251908 | -.026746 | .0052992 | 32.06965 | .3755203 |
| Stddev | .0039261 | .0021011 | .0032554 | .006085 | .0004332 | .03666 | .0014299 |
| %RSD | 6.656786 | 6.546660 | .5206970 | 22.75058 | 8.173947 | .1143087 | .3807813 |
| #1 | .0607914 | .0297297 | .6219428 | -.031959 | .0048492 | 32.10653 | .3770829 |
| #2 | .0544745 | .0328088 | .6251762 | -.020060 | .0057132 | 32.03321 | .3742770 |
| #3 | .0616722 | .0337458 | .6284535 | -.028218 | .0053353 | 32.06921 | .3752010 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0027118 | .0022759 | 624.0221 | .0508164 | .0742169 | .2272817 | 82.86787 |
| Stddev | .0001146 | .0000886 | .9894 | .0011406 | .0005232 | .0017795 | .27818 |
| %RSD | 4.225132 | 3.891002 | .1585506 | 2.244507 | .7050246 | .7829687 | .3356938 |
| #1 | .0027698 | .0022205 | 625.0266 | .0521033 | .0736507 | .2283744 | 83.18463 |
| #2 | .0025798 | .0022292 | 623.0485 | .0504156 | .0743175 | .2252283 | 82.66331 |
| #3 | .0027856 | .0023780 | 623.9910 | .0499303 | .0746826 | .2282425 | 82.75567 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.309675 | 17.16119 | .0857589 | -.003873 | 2.064236 | .0695906 | .4037063 |
| Stddev | .023684 | .07002 | .0009549 | .001067 | .079390 | .0012111 | .0009316 |
| %RSD | .3240101 | .4080394 | 1.113479 | 27.55553 | 3.845992 | 1.740280 | .2307528 |
| #1 | 7.336980 | 17.23067 | .0862173 | -.003328 | 1.973001 | .0688938 | .4030930 |
| #2 | 7.294707 | 17.09063 | .0863981 | -.005103 | 2.102108 | .0709890 | .4032476 |
| #3 | 7.297336 | 17.16228 | .0846612 | -.003189 | 2.117598 | .0688890 | .4047782 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.703414 | 3.699177 | -.010100 | .0002568 | .6764051 | 5.029802 | .0222770 |
| Stddev | .105052 | .012498 | .002886 | .0003691 | .0088144 | .022334 | .0014372 |
| %RSD | 6.167157 | .3378646 | 28.57801 | 143.7145 | 1.303118 | .4440349 | 6.451273 |
| #1 | 1.598419 | 3.686926 | -.013380 | .0004343 | .6816520 | 5.055394 | .0233263 |
| #2 | 1.703300 | 3.698696 | -.007951 | .0005036 | .6662288 | 5.014247 | .0206390 |
| #3 | 1.808524 | 3.711909 | -.008967 | -.000167 | .6813345 | 5.019767 | .0228657 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-19DLX2 Acquired: 12/13/2024 20:26:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5240640 | .2976681 | .0230400 |
| Stddev | .0024452 | .0014325 | .0050380 |
| %RSD | .4665767 | .4812325 | 21.86633 |
| | | | |
| #1 | .5256869 | .2993069 | .0178149 |
| #2 | .5252535 | .2970430 | .0278674 |
| #3 | .5212517 | .2966544 | .0234379 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2431.339 | 27065.73 | 2446.802 | 1969.184 | 2869.180 |
| Stddev | 4.876 | 94.48 | 11.134 | 5.499 | 6.452 |
| %RSD | .2005398 | .3490797 | .4550494 | .2792462 | .2248690 |
| | | | | | |
| #1 | 2434.537 | 27023.27 | 2434.565 | 1966.002 | 2875.085 |
| #2 | 2433.752 | 27173.99 | 2456.336 | 1975.533 | 2870.161 |
| #3 | 2425.727 | 26999.93 | 2449.504 | 1966.016 | 2862.293 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18LDLX10 Acquired: 12/13/2024 20:30:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0100434 | .0190580 | .1344137 | -.025707 | -.003982 | 7.298161 | .0828227 |
| Stddev | .0024551 | .0011617 | .0009630 | .003447 | .003406 | .029410 | .0006935 |
| %RSD | 24.44517 | 6.095590 | .7164724 | 13.40707 | 85.51816 | .4029770 | .8373702 |
| #1 | .0125272 | .0178283 | .1348311 | -.021736 | -.001503 | 7.327899 | .0821438 |
| #2 | .0076180 | .0201370 | .1350975 | -.027465 | -.007865 | 7.269090 | .0827942 |
| #3 | .0099850 | .0192087 | .1333123 | -.027921 | -.002578 | 7.297493 | .0835300 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005921 | .0004692 | 148.6724 | .0111738 | .0335690 | .0512599 | 18.73989 |
| Stddev | .0001195 | .0001001 | .4817 | .0001080 | .0004681 | .0038581 | .13158 |
| %RSD | 20.18961 | 21.34692 | .3240224 | .9668476 | 1.394410 | 7.526467 | .7021647 |
| #1 | .0004574 | .0005637 | 148.8830 | .0110560 | .0334139 | .0553058 | 18.87788 |
| #2 | .0006334 | .0003642 | 148.1212 | .0112682 | .0331981 | .0508518 | 18.61581 |
| #3 | .0006855 | .0004796 | 149.0129 | .0111974 | .0340949 | .0476221 | 18.72599 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.713703 | 4.002830 | .0169831 | .0001056 | 2.083733 | .0150440 | .1001566 |
| Stddev | .006475 | .026182 | .0004545 | .0002530 | .585970 | .0028245 | .0045146 |
| %RSD | .3778628 | .6540977 | 2.676177 | 239.6026 | 28.12114 | 18.77526 | 4.507558 |
| #1 | 1.719905 | 3.979829 | .0174858 | .0001520 | 2.235338 | .0132461 | .0981061 |
| #2 | 1.706985 | 3.997338 | .0166012 | -.000167 | 2.579003 | .0135862 | .0970311 |
| #3 | 1.714220 | 4.031323 | .0168625 | .000332 | 1.436860 | .0182996 | .1053326 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.227693 | .7376693 | -.007285 | .0003197 | .1456091 | 1.129196 | .0042271 |
| Stddev | .055634 | .0039210 | .000667 | .0004586 | .0055662 | .009818 | .0010216 |
| %RSD | 24.43398 | .5315445 | 9.152209 | 143.4312 | 3.822699 | .8694379 | 24.16835 |
| #1 | -.197349 | .7332189 | -.006901 | -.000133 | .1429166 | 1.133128 | .0049432 |
| #2 | -.193827 | .7391730 | -.008055 | .000784 | .1419010 | 1.118022 | .0030572 |
| #3 | -.291902 | .7406159 | -.006899 | .000308 | .1520095 | 1.136438 | .0046811 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18LDLX10 Acquired: 12/13/2024 20:30:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1114821 | .0727773 | -.036605 |
| Stddev | .0008584 | .0002475 | .002491 |
| %RSD | .7699476 | .3401091 | 6.804346 |
| | | | |
| #1 | .1114831 | .0728087 | -.036892 |
| #2 | .1123399 | .0730077 | -.038940 |
| #3 | .1106232 | .0725156 | -.033984 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2379.819 | 26304.30 | 2304.592 | 1928.487 | 3129.482 |
| Stddev | 2.190 | 93.78 | 10.520 | 10.410 | 3.404 |
| %RSD | .0920059 | .3565345 | .4564966 | .5397765 | .1087755 |
| | | | | | |
| #1 | 2377.381 | 26226.06 | 2293.422 | 1920.307 | 3127.547 |
| #2 | 2380.456 | 26278.57 | 2314.313 | 1924.950 | 3133.412 |
| #3 | 2381.619 | 26408.26 | 2306.040 | 1940.204 | 3127.486 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-20DLX2 Acquired: 12/13/2024 20:34:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0952019 | .0799991 | .6496075 | .0466351 | .0822376 | 34.18339 | 2.195984 |
| Stddev | .0015267 | .0068027 | .0089082 | .0031568 | .0012177 | .15729 | .006006 |
| %RSD | 1.603602 | 8.503515 | 1.371313 | 6.769245 | 1.480693 | .4601240 | .2734805 |
| #1 | .0935929 | .0799084 | .6484510 | .0449233 | .0809117 | 34.01805 | 2.189257 |
| #2 | .0953824 | .0732422 | .6413341 | .0502781 | .0833057 | 34.33114 | 2.197887 |
| #3 | .0966302 | .0868467 | .6590374 | .0447038 | .0824956 | 34.20098 | 2.200807 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0477613 | .0489798 | 662.0436 | .2400298 | .5370634 | .4517965 | 84.30833 |
| Stddev | .0004576 | .0004412 | 1.2991 | .0006889 | .0050592 | .0043980 | .10071 |
| %RSD | .9580125 | .9008399 | .1962210 | .2870153 | .9420076 | .9734352 | .1194504 |
| #1 | .0476813 | .0491282 | 660.9119 | .2402500 | .5386820 | .4567346 | 84.23660 |
| #2 | .0473490 | .0484835 | 663.4621 | .2405817 | .5313930 | .4483012 | 84.26493 |
| #3 | .0482536 | .0493277 | 661.7569 | .2392577 | .5411152 | .4503536 | 84.42346 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.969789 | 17.33743 | .5675041 | .0317639 | 2.525344 | .5436937 | .8242033 |
| Stddev | .007083 | .10038 | .0057964 | .0007283 | .455876 | .0010663 | .0048256 |
| %RSD | .0888782 | .5789930 | 1.021384 | 2.292984 | 18.05206 | .1961165 | .5854932 |
| #1 | 7.961902 | 17.35127 | .5706524 | .0312275 | 2.875659 | .5437366 | .8186590 |
| #2 | 7.971855 | 17.23085 | .5608148 | .0314713 | 2.690455 | .5447379 | .8264925 |
| #3 | 7.975610 | 17.43018 | .5710451 | .0325931 | 2.009917 | .5426067 | .8274582 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.095025 | 3.791227 | -.011600 | .0002479 | .6864539 | 5.161581 | .0233214 |
| Stddev | .138290 | .033357 | .001634 | .0001230 | .0071989 | .008796 | .0024545 |
| %RSD | 6.600864 | .8798544 | 14.08494 | 49.61275 | 1.048711 | .1704215 | 10.52482 |
| #1 | 2.041641 | 3.797282 | -.009786 | .0001409 | .6797315 | 5.151433 | .0252032 |
| #2 | 1.991385 | 3.755257 | -.012056 | .0002205 | .6855804 | 5.166277 | .0242158 |
| #3 | 2.252050 | 3.821142 | -.012957 | .0003823 | .6940497 | 5.167032 | .0205450 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-20DLX2 Acquired: 12/13/2024 20:34:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5227709 | .3212948 | .0188515 |
| Stddev | .0076423 | .0012744 | .0036588 |
| %RSD | 1.461887 | .3966437 | 19.40880 |
| | | | |
| #1 | .5314628 | .3206989 | .0222358 |
| #2 | .5197449 | .3204276 | .0193494 |
| #3 | .5171048 | .3227580 | .0149691 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2405.750 | 26816.87 | 2436.266 | 1957.970 | 2813.608 |
| Stddev | 15.173 | 143.68 | 1.204 | 9.506 | 21.889 |
| %RSD | .6306923 | .5357852 | .0494230 | .4854968 | .7779525 |
| | | | | | |
| #1 | 2393.714 | 26725.77 | 2434.954 | 1954.139 | 2800.310 |
| #2 | 2422.794 | 26742.33 | 2436.520 | 1950.978 | 2838.871 |
| #3 | 2400.744 | 26982.50 | 2437.322 | 1968.794 | 2801.644 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/13/2024 20:38:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1249109 | .0191269 | 2.646540 | -.000022 | .0271995 | 53.43232 | 1.253309 |
| Stddev | .0015635 | .0022962 | .001026 | .003482 | .0009233 | .07090 | .000775 |
| %RSD | 1.251673 | 12.00510 | .0387775 | 15816.46 | 3.394350 | .1326827 | .0618056 |
| #1 | .1243878 | .0196389 | 2.646857 | -.004038 | .0261659 | 53.36605 | 1.252725 |
| #2 | .1266689 | .0211239 | 2.645393 | .001817 | .0279422 | 53.42383 | 1.254188 |
| #3 | .1236761 | .0166179 | 2.647371 | .002155 | .0274906 | 53.50708 | 1.253013 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049441 | .0119347 | 111.1084 | .1447291 | .0907716 | .6550821 | 137.4355 |
| Stddev | .0000251 | .0000851 | .2845 | .0003451 | .0001784 | .0079793 | .4440 |
| %RSD | .5072202 | .7133567 | .2560826 | .2384417 | .1965307 | 1.218066 | .3230406 |
| #1 | .0049311 | .0118620 | 110.7972 | .1450031 | .0909771 | .6458983 | 136.9358 |
| #2 | .0049730 | .0119139 | 111.3553 | .1448426 | .0906803 | .6590309 | 137.5862 |
| #3 | .0049282 | .0120284 | 111.1726 | .1443415 | .0906573 | .6603171 | 137.7844 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.622539 | 35.40996 | .1621009 | -.006286 | 1.829190 | .1411558 | 2.193997 |
| Stddev | .016790 | .19851 | .0001964 | .000914 | .143902 | .0093276 | .004207 |
| %RSD | .1744863 | .5606012 | .1211763 | 14.53874 | 7.866961 | 6.608054 | .1917432 |
| #1 | 9.610313 | 35.18959 | .1620443 | -.005300 | 1.941814 | .1450752 | 2.190313 |
| #2 | 9.615622 | 35.46554 | .1623194 | -.006455 | 1.667074 | .1478842 | 2.193097 |
| #3 | 9.641683 | 35.57476 | .1619390 | -.007104 | 1.878682 | .1305080 | 2.198581 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.679201 | 8.629996 | -.004323 | .0039913 | 2.299415 | 9.724100 | .1633025 |
| Stddev | .227605 | .011921 | .002596 | .0002753 | .009894 | .075779 | .0012859 |
| %RSD | 4.007689 | .1381337 | 60.04513 | 6.896922 | .4302788 | .7792952 | .7874206 |
| #1 | 5.588885 | 8.624572 | -.001376 | .0042328 | 2.291470 | 9.680928 | .1631816 |
| #2 | 5.938102 | 8.621752 | -.005322 | .0040494 | 2.296279 | 9.679772 | .1620814 |
| #3 | 5.510615 | 8.643664 | -.006271 | .0036916 | 2.310497 | 9.811600 | .1646446 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/13/2024 20:38:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .9618748 | .0727025 | .0299660 |
| Stddev | .0036975 | .0003860 | .0014406 |
| %RSD | .3844088 | .5309423 | 4.807531 |
| | | | |
| #1 | .9658460 | .0729273 | .0289160 |
| #2 | .9585313 | .0722568 | .0293736 |
| #3 | .9612472 | .0729233 | .0316084 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2650.902 | 29650.04 | 2600.613 | 2176.119 | 3026.654 |
| Stddev | 6.535 | 72.74 | 8.191 | 2.850 | 5.400 |
| %RSD | .2465131 | .2453361 | .3149696 | .1309844 | .1784038 |
| | | | | | |
| #1 | 2647.567 | 29582.77 | 2597.494 | 2173.108 | 3021.408 |
| #2 | 2646.707 | 29640.12 | 2609.905 | 2176.475 | 3026.360 |
| #3 | 2658.431 | 29727.24 | 2594.439 | 2178.775 | 3032.195 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/13/2024 20:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2002645 | .0252606 | 9.197859 | .0054056 | .0626945 | 67.53190 |
| Stddev | .0034293 | .0027053 | .012501 | .0030530 | .0012594 | .28685 |
| %RSD | 1.712373 | 10.70951 | .1359100 | 56.47927 | 2.008791 | .4247574 |
| #1 | .1979051 | .0276404 | 9.196913 | .0025865 | .0612492 | 67.28123 |
| #2 | .2041982 | .0258233 | 9.185858 | .0049818 | .0632779 | 67.46973 |
| #3 | .1986901 | .0223183 | 9.210806 | .0086483 | .0635563 | 67.84473 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.721563 | .0080394 | .0316459 | 193.7562 | .2014757 | .1201709 |
| Stddev | .018371 | .0001856 | .0001575 | .6154 | .0009876 | .0003106 |
| %RSD | .4936417 | 2.308148 | .4975399 | .3176366 | .4902011 | .2584604 |
| #1 | 3.704346 | .0078841 | .0317506 | 193.5241 | .2005127 | .1198751 |
| #2 | 3.719440 | .0082449 | .0317223 | 193.2906 | .2014282 | .1201433 |
| #3 | 3.740904 | .0079890 | .0314648 | 194.4539 | .2024863 | .1204944 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.43620 | 234.9364 | 11.94899 | 36.75046 | .2737544 | -.011327 |
| Stddev | .07283 | 1.4619 | .06702 | .11650 | .0006072 | .000457 |
| %RSD | .6978357 | .6222705 | .5608684 | .3169944 | .2218149 | 4.034450 |
| #1 | 10.36480 | 233.7624 | 11.90169 | 36.63376 | .2743092 | -.010818 |
| #2 | 10.43343 | 234.4730 | 11.91959 | 36.75087 | .2738484 | -.011701 |
| #3 | 10.51038 | 236.5740 | 12.02568 | 36.86675 | .2731057 | -.011462 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.750979 | .1940661 | 8.244426 | 6.348203 | F 14.50154 | -.019504 |
| Stddev | .192938 | .0067136 | .084045 | .099937 | .00870 | .005562 |
| %RSD | 7.013428 | 3.459452 | 1.019420 | 1.574261 | .0599723 | 28.51623 |
| #1 | 2.549748 | .1927541 | 8.340950 | 6.249301 | 14.51067 | -.015974 |
| #2 | 2.934388 | .1881053 | 8.204878 | 6.346163 | 14.49336 | -.016623 |
| #3 | 2.768801 | .2013389 | 8.187449 | 6.449145 | 14.50058 | -.025915 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/13/2024 20:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ3 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0081271 | 3.494196 | 9.615300 | .4062307 | 1.292163 | .3441224 |
| Stddev | .0001079 | .006089 | .125156 | .0011296 | .000328 | .0016904 |
| %RSD | 1.327390 | .1742683 | 1.301633 | .2780622 | .0254210 | .4912299 |
| | | | | | | |
| #1 | .0080026 | 3.496277 | 9.494452 | .4052994 | 1.291927 | .3422844 |
| #2 | .0081935 | 3.487339 | 9.607090 | .4074872 | 1.292025 | .3444724 |
| #3 | .0081852 | 3.498971 | 9.744359 | .4059054 | 1.292538 | .3456105 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0582177 |
| Stddev | .0003219 |
| %RSD | .5529159 |
| | |
| #1 | .0583531 |
| #2 | .0584497 |
| #3 | .0578502 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2655.453 | 29822.36 | 2653.177 | 2180.804 | 2965.868 |
| Stddev | 3.863 | 45.50 | 29.997 | 10.429 | 6.773 |
| %RSD | .1454765 | .1525693 | 1.130612 | .4782284 | .2283795 |
| | | | | | |
| #1 | 2657.629 | 29845.84 | 2683.542 | 2172.565 | 2964.924 |
| #2 | 2657.736 | 29769.92 | 2652.425 | 2177.316 | 2973.064 |
| #3 | 2650.993 | 29851.32 | 2623.562 | 2192.530 | 2959.617 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/13/2024 20:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2349909 | .0164470 | 13.51971 | .0084745 | .0822043 | 75.85185 |
| Stddev | .0058318 | .0026011 | .01504 | .0023548 | .0024733 | .17541 |
| %RSD | 2.481694 | 15.81503 | .1112799 | 27.78717 | 3.008698 | .2312544 |
| #1 | .2360091 | .0194499 | 13.52393 | .0111438 | .0847061 | 75.76579 |
| #2 | .2287171 | .0148943 | 13.50300 | .0075887 | .0821462 | 76.05367 |
| #3 | .2402465 | .0149968 | 13.53219 | .0066910 | .0797606 | 75.73610 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.364968 | .0092283 | .0292181 | 166.8177 | .2717430 | .1036128 |
| Stddev | .014124 | .0001871 | .0001970 | .2999 | .0012552 | .0002964 |
| %RSD | .2219083 | 2.027177 | .6742877 | .1797787 | .4619075 | .2860276 |
| #1 | 6.367239 | .0094430 | .0293460 | 166.5035 | .2731003 | .1039041 |
| #2 | 6.377820 | .0091417 | .0289912 | 167.1009 | .2706242 | .1036227 |
| #3 | 6.349846 | .0091002 | .0293171 | 166.8488 | .2715045 | .1033117 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.12503 | 229.8344 | 10.18976 | 24.95107 | .2558308 | -.007353 |
| Stddev | .03656 | .6824 | .03532 | .11400 | .0004773 | .000920 |
| %RSD | .3015253 | .2968928 | .3466408 | .4568799 | .1865492 | 12.51137 |
| #1 | 12.15962 | 229.7609 | 10.21068 | 24.97514 | .2555679 | -.008116 |
| #2 | 12.12870 | 230.5506 | 10.20962 | 25.05112 | .2555428 | -.007610 |
| #3 | 12.08678 | 229.1918 | 10.14898 | 24.82697 | .2563817 | -.006331 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.040644 | .2490325 | 11.17299 | 6.903488 | F 15.03392 | .0201014 |
| Stddev | .445266 | .0058615 | .07980 | .107046 | .03750 | .0004651 |
| %RSD | 11.01967 | 2.353717 | .7142237 | 1.550607 | .2494109 | 2.313543 |
| #1 | 4.454317 | .2526118 | 11.20279 | 6.875980 | 15.06194 | .0199180 |
| #2 | 3.569388 | .2422680 | 11.23361 | 6.812881 | 14.99132 | .0206301 |
| #3 | 4.098226 | .2522178 | 11.08258 | 7.021604 | 15.04850 | .0197559 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/13/2024 20:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ4 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0102596 | 3.833949 | 9.875303 | .5935735 | 1.325376 | .6128023 |
| Stddev | .0001599 | .014283 | .030347 | .0013826 | .001015 | .0023317 |
| %RSD | 1.558619 | .3725376 | .3072993 | .2329331 | .0765908 | .3805031 |
| | | | | | | |
| #1 | .0104331 | 3.836735 | 9.843620 | .5930191 | 1.324243 | .6145658 |
| #2 | .0101180 | 3.818478 | 9.904109 | .5925541 | 1.325682 | .6136826 |
| #3 | .0102278 | 3.846634 | 9.878180 | .5951473 | 1.326203 | .6101586 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0627634 |
| Stddev | .0012247 |
| %RSD | 1.951355 |
| | |
| #1 | .0639452 |
| #2 | .0628451 |
| #3 | .0614999 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2585.601 | 29026.29 | 2572.707 | 2118.400 | 3009.511 |
| Stddev | 10.794 | 26.19 | 6.925 | 5.314 | 12.583 |
| %RSD | .4174693 | .0902331 | .2691808 | .2508329 | .4181061 |
| | | | | | |
| #1 | 2573.460 | 28996.08 | 2580.110 | 2123.750 | 2995.028 |
| #2 | 2589.231 | 29040.22 | 2571.624 | 2113.124 | 3017.759 |
| #3 | 2594.112 | 29042.57 | 2566.388 | 2118.325 | 3015.745 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-07 Acquired: 12/13/2024 20:49:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0711214 | .0234062 | 1.194141 | -.010568 | .0273783 | 73.72134 | 1.255658 |
| Stddev | .0018235 | .0008501 | .004164 | .002387 | .0003735 | .04463 | .002138 |
| %RSD | 2.563987 | 3.631886 | .3487211 | 22.58361 | 1.364186 | .0605322 | .1703061 |
| | | | | | | | |
| #1 | .0725531 | .0224246 | 1.196010 | -.007931 | .0278071 | 73.69531 | 1.257048 |
| #2 | .0717427 | .0239053 | 1.197044 | -.011194 | .0272036 | 73.77287 | 1.253196 |
| #3 | .0690684 | .0238886 | 1.189370 | -.012580 | .0271242 | 73.69584 | 1.256730 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0072439 | .0077687 | 427.7863 | .1372068 | .1032543 | .2799589 | 180.5029 |
| Stddev | .0000439 | .0000939 | .1984 | .0013800 | .0000733 | .0071640 | .4756 |
| %RSD | .6059760 | 1.208026 | .0463848 | 1.005774 | .0710334 | 2.558953 | .2635107 |
| | | | | | | | |
| #1 | .0072815 | .0076608 | 427.9873 | .1379375 | .1031933 | .2852542 | 180.8817 |
| #2 | .0071957 | .0078143 | 427.7811 | .1356151 | .1033357 | .2718073 | 179.9691 |
| #3 | .0072546 | .0078311 | 427.5905 | .1380678 | .1032339 | .2828152 | 180.6579 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.302308 | 128.9383 | .2505462 | -.013086 | 3.079226 | .1745518 | 1.366541 |
| Stddev | .025354 | .1766 | .0007887 | .000230 | .345454 | .0091632 | .015380 |
| %RSD | .4023019 | .1369425 | .3147718 | 1.754170 | 11.21887 | 5.249561 | 1.125498 |
| | | | | | | | |
| #1 | 6.330683 | 129.1381 | .2510851 | -.013258 | 3.062158 | .1797620 | 1.370734 |
| #2 | 6.281876 | 128.8033 | .2509126 | -.012825 | 2.742621 | .1639714 | 1.379390 |
| #3 | 6.294366 | 128.8734 | .2496411 | -.013174 | 3.432898 | .1799219 | 1.349499 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.28183 | 9.834468 | .0283221 | .0084054 | 6.717846 | 11.92644 | .0646236 |
| Stddev | .28680 | .013779 | .0005266 | .0002822 | .006513 | .07446 | .0012737 |
| %RSD | 2.789401 | .1401056 | 1.859393 | 3.357475 | .0969458 | .6242885 | 1.971034 |
| | | | | | | | |
| #1 | 10.43531 | 9.832885 | .0288461 | .0084687 | 6.723369 | 11.99791 | .0638623 |
| #2 | 9.95095 | 9.848970 | .0277929 | .0080969 | 6.710664 | 11.84932 | .0660941 |
| #3 | 10.45923 | 9.821550 | .0283273 | .0086506 | 6.719505 | 11.93209 | .0639145 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-07 Acquired: 12/13/2024 20:49:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.035600 | .4016931 | .0846711 |
| Stddev | .007228 | .0015391 | .0028204 |
| %RSD | .6979822 | .3831540 | 3.330990 |
| | | | |
| #1 | 1.041564 | .4029308 | .0854813 |
| #2 | 1.027562 | .3999698 | .0815343 |
| #3 | 1.037676 | .4021789 | .0869977 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2436.786 | 27222.24 | 2474.943 | 1995.323 | 2766.248 |
| Stddev | 5.324 | 126.20 | 23.817 | 8.699 | 9.987 |
| %RSD | .2184682 | .4635857 | .9623276 | .4359739 | .3610279 |
| | | | | | |
| #1 | 2430.641 | 27078.21 | 2447.662 | 1985.795 | 2754.939 |
| #2 | 2439.997 | 27313.41 | 2491.592 | 1997.334 | 2769.949 |
| #3 | 2439.720 | 27275.11 | 2485.576 | 2002.841 | 2773.856 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-08 Acquired: 12/13/2024 20:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1585066 | .0241568 | 3.605015 | .0137876 | .0492717 | 82.78656 |
| Stddev | .0028430 | .0022424 | .010447 | .0027984 | .0016121 | .29457 |
| %RSD | 1.793631 | 9.282704 | .2897815 | 20.29641 | 3.271822 | .3558146 |
| #1 | .1605158 | .0267460 | 3.615195 | .0118804 | .0488591 | 82.64135 |
| #2 | .1597504 | .0228462 | 3.594321 | .0170002 | .0510499 | 82.59279 |
| #3 | .1552537 | .0228781 | 3.605531 | .0124823 | .0479060 | 83.12554 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.450626 | .0076141 | .0144576 | 96.56410 | .1702655 | .1112616 |
| Stddev | .008093 | .0001190 | .0000623 | .39134 | .0006728 | .0001693 |
| %RSD | .3302501 | 1.563218 | .4308552 | .4052601 | .3951477 | .1521315 |
| #1 | 2.445988 | .0077494 | .0145159 | 96.44328 | .1710037 | .1114143 |
| #2 | 2.445918 | .0075672 | .0143920 | 96.24742 | .1701060 | .1112908 |
| #3 | 2.459971 | .0075257 | .0144650 | 97.00159 | .1696868 | .1110796 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.235955 | 230.1281 | 16.56107 | 21.11359 | .2006689 | -.011502 |
| Stddev | .005366 | .3897 | .03669 | .00755 | .0012191 | .000815 |
| %RSD | .4341472 | .1693391 | .2215738 | .0357794 | .6075047 | 7.084232 |
| #1 | 1.229759 | 230.2215 | 16.56683 | 21.10650 | .2014372 | -.010977 |
| #2 | 1.239019 | 229.7002 | 16.52184 | 21.12154 | .2013064 | -.012440 |
| #3 | 1.239087 | 230.4626 | 16.59455 | 21.11272 | .1992633 | -.011088 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.478495 | .2050733 | 3.906096 | 4.429242 | F 10.98349 | -.051382 |
| Stddev | .300169 | .0011582 | .025481 | .130776 | .01940 | .001656 |
| %RSD | 12.11095 | .5647821 | .6523363 | 2.952563 | .1765837 | 3.223796 |
| #1 | 2.155640 | .2055051 | 3.882062 | 4.439824 | 11.00587 | -.053123 |
| #2 | 2.530719 | .2059535 | 3.903415 | 4.554406 | 10.97155 | -.051199 |
| #3 | 2.749126 | .2037611 | 3.932812 | 4.293496 | 10.97305 | -.049825 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-08 Acquired: 12/13/2024 20:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ6 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070948 | 1.849176 | 10.14759 | .1918495 | 1.497798 | .2014326 |
| Stddev | .0004543 | .003756 | .08051 | .0007615 | .009742 | .0001885 |
| %RSD | 6.403723 | .2031272 | .7933731 | .3969305 | .6504283 | .0935692 |
| #1 | .0065732 | 1.844847 | 10.23780 | .1922755 | 1.509047 | .2014461 |
| #2 | .0073065 | 1.851569 | 10.08305 | .1909703 | 1.492091 | .2012377 |
| #3 | .0074046 | 1.851112 | 10.12191 | .1923027 | 1.492256 | .2016139 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0486047 |
| Stddev | .0047075 |
| %RSD | 9.685285 |
| #1 | .0527846 |
| #2 | .0435053 |
| #3 | .0495241 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2761.845 | 30760.79 | 2700.355 | 2260.666 | 3040.757 |
| Stddev | 16.645 | 68.85 | 13.964 | 7.663 | 17.218 |
| %RSD | .6026646 | .2238209 | .5171270 | .3389868 | .5662367 |
| #1 | 2743.047 | 30829.41 | 2684.763 | 2259.948 | 3020.882 |
| #2 | 2767.780 | 30761.23 | 2711.711 | 2268.663 | 3050.267 |
| #3 | 2774.709 | 30691.72 | 2704.591 | 2253.387 | 3051.123 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-09 Acquired: 12/13/2024 20:57:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0971305 | .0116399 | 1.154118 | .0111872 | .0343641 | 72.88095 | .9757674 |
| Stddev | .0025780 | .0017017 | .002875 | .0007959 | .0013096 | .23702 | .0037331 |
| %RSD | 2.654169 | 14.61972 | .2491408 | 7.114736 | 3.811001 | .3252197 | .3825793 |
| #1 | .0942455 | .0106144 | 1.153766 | .0104868 | .0343536 | 72.66096 | .9725528 |
| #2 | .0979376 | .0107009 | 1.151435 | .0120528 | .0330598 | 73.13195 | .9798618 |
| #3 | .0992084 | .0136042 | 1.157153 | .0110220 | .0356790 | 72.84995 | .9748878 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060776 | .0070514 | 39.87544 | .1223268 | .0978126 | .3871247 | 165.8592 |
| Stddev | .0000669 | .0000368 | .14697 | .0003140 | .0005321 | .0007851 | .1323 |
| %RSD | 1.101506 | .5222801 | .3685602 | .2566447 | .5440363 | .2027964 | .0797957 |
| #1 | .0060041 | .0070094 | 39.74854 | .1222969 | .0984055 | .3872220 | 165.7657 |
| #2 | .0061351 | .0070668 | 40.03647 | .1220289 | .0973762 | .3862956 | 166.0107 |
| #3 | .0060935 | .0070780 | 39.84132 | .1226547 | .0976562 | .3878567 | 165.8013 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.23146 | 19.25786 | .1789534 | -.009753 | 2.123898 | .1721078 | 1.270947 |
| Stddev | .03862 | .08150 | .0007590 | .000373 | .280231 | .0029259 | .004330 |
| %RSD | .3438488 | .4231809 | .4241463 | 3.821878 | 13.19418 | 1.700032 | .3407028 |
| #1 | 11.18816 | 19.22142 | .1794172 | -.009351 | 2.254304 | .1750253 | 1.268263 |
| #2 | 11.26235 | 19.35122 | .1780774 | -.009819 | 1.802229 | .1721244 | 1.268636 |
| #3 | 11.24386 | 19.20095 | .1793655 | -.010088 | 2.315162 | .1691736 | 1.275943 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.802268 | 7.201307 | -.046762 | .0053561 | .7018358 | 8.548397 | .0683508 |
| Stddev | .008100 | .010987 | .001890 | .0000846 | .0019513 | .044701 | .0012660 |
| %RSD | .2890382 | .1525748 | 4.041387 | 1.579559 | .2780232 | .5229216 | 1.852175 |
| #1 | 2.797206 | 7.190370 | -.045098 | .0053600 | .6998748 | 8.497293 | .0696001 |
| #2 | 2.811609 | 7.201207 | -.048817 | .0054386 | .7037772 | 8.567663 | .0670688 |
| #3 | 2.797987 | 7.212344 | -.046372 | .0052696 | .7018555 | 8.580235 | .0683834 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-09 Acquired: 12/13/2024 20:57:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.384623 | .0243564 | .0320105 |
| Stddev | .006072 | .0003616 | .0022566 |
| %RSD | .4385644 | 1.484633 | 7.049636 |
| | | | |
| #1 | 1.378242 | .0240132 | .0313455 |
| #2 | 1.385298 | .0247340 | .0301612 |
| #3 | 1.390330 | .0243221 | .0345250 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2949.740 | 32611.38 | 2886.358 | 2406.667 | 3102.332 |
| Stddev | 1.394 | 123.46 | 16.309 | 8.057 | 1.836 |
| %RSD | .0472458 | .3785920 | .5650350 | .3347864 | .0591717 |
| | | | | | |
| #1 | 2949.459 | 32748.45 | 2905.175 | 2415.611 | 3102.414 |
| #2 | 2948.508 | 32508.91 | 2877.604 | 2399.975 | 3100.456 |
| #3 | 2951.253 | 32576.78 | 2876.295 | 2404.416 | 3104.125 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-10 Acquired: 12/13/2024 21:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0454786 | .0097664 | .8149943 | -.001630 | .0220073 | 63.27501 | .6019748 |
| Stddev | .0014471 | .0022685 | .0062257 | .003013 | .0013430 | .29037 | .0029400 |
| %RSD | 3.181863 | 23.22747 | .7638924 | 184.9106 | 6.102701 | .4588996 | .4883964 |
| #1 | .0457630 | .0121235 | .8175237 | -.001979 | .0220741 | 62.94173 | .5994511 |
| #2 | .0467623 | .0075984 | .8079020 | .001543 | .0233156 | 63.47341 | .6012700 |
| #3 | .0439104 | .0095772 | .8195571 | -.004453 | .0206320 | 63.40989 | .6052031 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049686 | .0042307 | 82.68680 | .1018863 | .0723922 | .2006044 | 133.4741 |
| Stddev | .0001097 | .0000583 | .36887 | .0014767 | .0004397 | .0084654 | .8046 |
| %RSD | 2.208605 | 1.376864 | .4461078 | 1.449384 | .6073438 | 4.219933 | .6028505 |
| #1 | .0048915 | .0042941 | 82.35957 | .1003607 | .0726681 | .1915212 | 132.6202 |
| #2 | .0050942 | .0041796 | 83.08655 | .1019896 | .0718852 | .2020181 | 134.2183 |
| #3 | .0049199 | .0042183 | 82.61429 | .1033087 | .0726234 | .2082739 | 133.5837 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.464784 | 35.09365 | .1387808 | -.008247 | 3.075338 | .1567749 | .8793502 |
| Stddev | .010750 | .15203 | .0011790 | .000260 | .505632 | .0106629 | .0139734 |
| %RSD | .2407786 | .4332169 | .8495153 | 3.148154 | 16.44150 | 6.801396 | 1.589058 |
| #1 | 4.452585 | 34.92496 | .1401142 | -.008433 | 3.430003 | .1664669 | .8686987 |
| #2 | 4.472873 | 35.22007 | .1383519 | -.007950 | 2.496355 | .1585051 | .8741800 |
| #3 | 4.468894 | 35.13592 | .1378764 | -.008357 | 3.299657 | .1453527 | .8951719 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.140627 | 5.595689 | -.027185 | .0031986 | 1.852752 | 10.34159 | .0414365 |
| Stddev | .093287 | .016247 | .001739 | .0005021 | .007057 | .07621 | .0005393 |
| %RSD | 4.357923 | .2903538 | 6.396474 | 15.69665 | .3808885 | .7369003 | 1.301436 |
| #1 | 2.047173 | 5.613495 | -.027401 | .0026702 | 1.860900 | 10.25723 | .0408690 |
| #2 | 2.233746 | 5.581669 | -.025348 | .0036694 | 1.848749 | 10.40544 | .0419422 |
| #3 | 2.140964 | 5.591903 | -.028805 | .0032563 | 1.848606 | 10.36211 | .0414982 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-10 Acquired: 12/13/2024 21:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.047394 | .0204271 | .0366956 |
| Stddev | .003755 | .0003939 | .0024501 |
| %RSD | .3584963 | 1.928441 | 6.676773 |
| | | | |
| #1 | 1.044308 | .0208807 | .0347547 |
| #2 | 1.051575 | .0202290 | .0394487 |
| #3 | 1.046301 | .0201715 | .0358836 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2579.763 | 28714.34 | 2525.373 | 2102.688 | 3080.987 |
| Stddev | 5.277 | 76.95 | 13.676 | 2.429 | 7.560 |
| %RSD | .2045641 | .2679700 | .5415502 | .1155208 | .2453893 |
| | | | | | |
| #1 | 2582.438 | 28694.48 | 2535.740 | 2105.466 | 3078.077 |
| #2 | 2583.168 | 28649.27 | 2509.873 | 2101.634 | 3089.570 |
| #3 | 2573.684 | 28799.27 | 2530.507 | 2100.964 | 3075.315 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-11 Acquired: 12/13/2024 21:04:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0688701 | .0056036 | .5798763 | .0119755 | .0279744 | 82.38070 | .4980495 |
| Stddev | .0039326 | .0018435 | .0004605 | .0042106 | .0011632 | .12007 | .0010323 |
| %RSD | 5.710202 | 32.89851 | .0794081 | 35.15994 | 4.158218 | .1457529 | .2072693 |
| #1 | .0720722 | .0077256 | .5800735 | .0167918 | .0279226 | 82.24211 | .4969000 |
| #2 | .0644806 | .0046886 | .5793501 | .0101429 | .0291627 | 82.44658 | .4988975 |
| #3 | .0700576 | .0043966 | .5802054 | .0089917 | .0268379 | 82.45342 | .4983509 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059464 | .0034621 | 31.99282 | .0975369 | .0851582 | .1365843 | 158.4121 |
| Stddev | .0000706 | .0000609 | .01491 | .0006111 | .0005849 | .0064265 | .4075 |
| %RSD | 1.186792 | 1.760254 | .0465887 | .6265232 | .6868273 | 4.705187 | .2572478 |
| #1 | .0058651 | .0034040 | 31.97663 | .0969234 | .0848972 | .1371790 | 158.8805 |
| #2 | .0059920 | .0035255 | 31.99587 | .0975417 | .0847493 | .1298811 | 158.2163 |
| #3 | .0059821 | .0034567 | 32.00596 | .0981456 | .0858282 | .1426928 | 158.1394 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.458350 | 21.58663 | .1366747 | -.009719 | 2.828879 | .1762030 | .3376052 |
| Stddev | .019027 | .11490 | .0003803 | .000736 | .442343 | .0101654 | .0121290 |
| %RSD | .2249460 | .5322916 | .2782414 | 7.567544 | 15.63670 | 5.769140 | 3.592670 |
| #1 | 8.479153 | 21.64923 | .1367748 | -.010529 | 3.167784 | .1877172 | .3484454 |
| #2 | 8.441830 | 21.45402 | .1362544 | -.009534 | 2.328480 | .1724215 | .3245052 |
| #3 | 8.454068 | 21.65664 | .1369949 | -.009094 | 2.990371 | .1684703 | .3398651 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9286558 | 2.449116 | -.052734 | .0044516 | .4164690 | 9.499721 | .0514709 |
| Stddev | .0642668 | .003459 | .002888 | .0003809 | .0006830 | .043949 | .0013432 |
| %RSD | 6.920415 | .1412307 | 5.476422 | 8.557446 | .1639975 | .4626394 | 2.609710 |
| #1 | .9960155 | 2.446807 | -.054145 | .0048737 | .4164138 | 9.516477 | .0526063 |
| #2 | .9219432 | 2.447447 | -.049412 | .0041333 | .4171780 | 9.449858 | .0499881 |
| #3 | .8680088 | 2.453092 | -.054646 | .0043478 | .4158153 | 9.532827 | .0518184 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-11 Acquired: 12/13/2024 21:04:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.361617 | -.031347 | .0314261 |
| Stddev | .007691 | .000273 | .0020690 |
| %RSD | .5648538 | .8714203 | 6.583828 |
| | | | |
| #1 | 1.352758 | -.031505 | .0291227 |
| #2 | 1.366582 | -.031504 | .0331270 |
| #3 | 1.365513 | -.031031 | .0320287 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2634.667 | 29290.41 | 2547.547 | 2149.508 | 3089.677 |
| Stddev | 1.924 | 38.11 | 7.971 | 9.391 | 2.951 |
| %RSD | .0730416 | .1301035 | .3128773 | .4368843 | .0954996 |
| | | | | | |
| #1 | 2636.023 | 29249.58 | 2538.781 | 2141.078 | 3090.900 |
| #2 | 2635.515 | 29296.61 | 2554.358 | 2147.816 | 3091.819 |
| #3 | 2632.465 | 29325.03 | 2549.503 | 2159.629 | 3086.311 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-12 Acquired: 12/13/2024 21:08:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1346324 | .0190160 | 1.453876 | .0201374 | .0371185 | 73.89210 | 1.034246 |
| Stddev | .0015119 | .0009380 | .006424 | .0028549 | .0008821 | .20274 | .004218 |
| %RSD | 1.123004 | 4.932455 | .4418228 | 14.17718 | 2.376365 | .2743668 | .4077998 |
| | | | | | | | |
| #1 | .1354908 | .0197458 | 1.449650 | .0170511 | .0377201 | 73.70347 | 1.029905 |
| #2 | .1328866 | .0179581 | 1.450710 | .0226838 | .0361060 | 74.10648 | 1.038328 |
| #3 | .1355197 | .0193440 | 1.461268 | .0206773 | .0375295 | 73.86634 | 1.034504 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0062436 | .0132902 | 49.95460 | .2873155 | .1132351 | .3413903 | 185.3231 |
| Stddev | .0000219 | .0001088 | .12905 | .0003675 | .0004993 | .0043580 | .4818 |
| %RSD | .3502302 | .8187543 | .2583376 | .1279211 | .4409105 | 1.276541 | .2600054 |
| | | | | | | | |
| #1 | .0062648 | .0133457 | 49.88902 | .2877154 | .1136883 | .3369211 | 184.7682 |
| #2 | .0062449 | .0131648 | 49.87151 | .2869924 | .1126999 | .3416220 | 185.6364 |
| #3 | .0062211 | .0133600 | 50.10327 | .2872388 | .1133170 | .3456278 | 185.5646 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.09109 | 21.36154 | .2678048 | -.009415 | 2.129933 | .1912458 | 2.101004 |
| Stddev | .05206 | .16627 | .0006807 | .000388 | .422863 | .0019103 | .005683 |
| %RSD | .3235613 | .7783799 | .2541768 | 4.122119 | 19.85336 | .9989001 | .2705017 |
| | | | | | | | |
| #1 | 16.03252 | 21.39905 | .2685083 | -.009072 | 1.698753 | .1925115 | 2.107561 |
| #2 | 16.13211 | 21.17972 | .2671494 | -.009338 | 2.147088 | .1921776 | 2.097477 |
| #3 | 16.10864 | 21.50586 | .2677568 | -.009836 | 2.543957 | .1890484 | 2.097975 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.807739 | 9.776929 | -.020832 | .0070138 | 2.949989 | 10.50405 | .2152028 |
| Stddev | .157883 | .017270 | .003114 | .0005170 | .003389 | .09624 | .0006050 |
| %RSD | 2.022140 | .1766388 | 14.94640 | 7.370737 | .1148692 | .9162330 | .2811361 |
| | | | | | | | |
| #1 | 7.906981 | 9.768347 | -.017542 | .0076105 | 2.949452 | 10.41027 | .2145624 |
| #2 | 7.890558 | 9.765630 | -.023733 | .0067301 | 2.946901 | 10.60258 | .2152812 |
| #3 | 7.625678 | 9.796808 | -.021220 | .0067008 | 2.953614 | 10.49932 | .2157648 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-12 Acquired: 12/13/2024 21:08:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.265664 | .0455097 | .0458740 |
| Stddev | .012832 | .0003799 | .0031385 |
| %RSD | 1.013893 | .8347332 | 6.841480 |
| | | | |
| #1 | 1.259752 | .0451238 | .0491414 |
| #2 | 1.280387 | .0458833 | .0455981 |
| #3 | 1.256853 | .0455221 | .0428827 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2769.434 | 30818.29 | 2692.302 | 2262.810 | 3077.636 |
| Stddev | 7.411 | 71.29 | 20.108 | 6.950 | 4.124 |
| %RSD | .2675925 | .2313277 | .7468775 | .3071608 | .1340077 |
| | | | | | |
| #1 | 2761.845 | 30876.06 | 2715.374 | 2269.421 | 3073.795 |
| #2 | 2769.804 | 30840.21 | 2678.512 | 2263.446 | 3077.119 |
| #3 | 2776.653 | 30738.62 | 2683.019 | 2255.564 | 3081.995 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-13 Acquired: 12/13/2024 21:12:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1308897 | .0166733 | 1.456292 | .0181735 | .0328525 | 70.40622 | .9972659 |
| Stddev | .0013446 | .0012157 | .002457 | .0032494 | .0007867 | .21477 | .0009001 |
| %RSD | 1.027288 | 7.291354 | .1687040 | 17.87965 | 2.394600 | .3050410 | .0902593 |
| #1 | .1307046 | .0154337 | 1.453737 | .0160226 | .0325327 | 70.65408 | .9983030 |
| #2 | .1296472 | .0167225 | 1.458637 | .0165865 | .0322761 | 70.28947 | .9968078 |
| #3 | .1323172 | .0178636 | 1.456504 | .0219114 | .0337487 | 70.27512 | .9966871 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059967 | .0202640 | 48.85209 | .1322403 | .1085671 | .3460577 | 180.3340 |
| Stddev | .0001261 | .0002062 | .15031 | .0003347 | .0003782 | .0093311 | .3865 |
| %RSD | 2.102480 | 1.017420 | .3076913 | .2531387 | .3483251 | 2.696398 | .2143299 |
| #1 | .0059840 | .0200829 | 49.02080 | .1324375 | .1086624 | .3508667 | 180.7689 |
| #2 | .0061286 | .0204883 | 48.80304 | .1318538 | .1088885 | .3520034 | 180.0298 |
| #3 | .0058774 | .0202207 | 48.73243 | .1324296 | .1081504 | .3353031 | 180.2034 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.19896 | 23.60145 | .2232035 | -.009565 | 1.766150 | .1858089 | 2.043673 |
| Stddev | .02825 | .10368 | .0005109 | .000558 | .427620 | .0061899 | .004494 |
| %RSD | .1858416 | .4392978 | .2288972 | 5.829059 | 24.21197 | 3.331347 | .2198854 |
| #1 | 15.22251 | 23.63824 | .2237703 | -.008998 | 2.258766 | .1891927 | 2.042143 |
| #2 | 15.16764 | 23.48439 | .2227784 | -.010113 | 1.490592 | .1895693 | 2.040145 |
| #3 | 15.20672 | 23.68172 | .2230618 | -.009584 | 1.549092 | .1786647 | 2.048732 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.932585 | 8.099171 | -.021934 | .0065798 | 2.134437 | 10.22491 | .2763805 |
| Stddev | .072560 | .018740 | .003122 | .0003759 | .008358 | .06178 | .0015186 |
| %RSD | 1.223074 | .2313814 | 14.23413 | 5.712914 | .3915799 | .6041988 | .5494702 |
| #1 | 5.917971 | 8.077770 | -.023070 | .0068961 | 2.125360 | 10.26800 | .2771310 |
| #2 | 5.868444 | 8.107101 | -.024329 | .0061642 | 2.141815 | 10.25260 | .2746327 |
| #3 | 6.011340 | 8.112642 | -.018403 | .0066790 | 2.136135 | 10.15413 | .2773778 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-13 Acquired: 12/13/2024 21:12:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.322990 | .0559928 | .0403425 |
| Stddev | .007335 | .0001712 | .0025689 |
| %RSD | .5544256 | .3056887 | 6.367629 |
| | | | |
| #1 | 1.331429 | .0559142 | .0376507 |
| #2 | 1.319390 | .0558751 | .0406094 |
| #3 | 1.318150 | .0561892 | .0427676 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2753.114 | 30712.55 | 2698.577 | 2255.726 | 3102.598 |
| Stddev | 2.676 | 49.72 | 12.817 | 4.688 | 4.142 |
| %RSD | .0972009 | .1618819 | .4749658 | .2078445 | .1334951 |
| | | | | | |
| #1 | 2755.832 | 30693.62 | 2687.226 | 2260.598 | 3103.502 |
| #2 | 2750.482 | 30768.95 | 2696.029 | 2255.333 | 3098.078 |
| #3 | 2753.029 | 30675.08 | 2712.478 | 2251.246 | 3106.213 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-14 Acquired: 12/13/2024 21:16:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1337410 | .0197708 | 1.319729 | .0156784 | .0382848 | 76.03628 | .9822892 |
| Stddev | .0005379 | .0033259 | .004505 | .0026688 | .0013137 | .33867 | .0040457 |
| %RSD | .4021751 | 16.82204 | .3413624 | 17.02240 | 3.431251 | .4454061 | .4118603 |
| | | | | | | | |
| #1 | .1343266 | .0203879 | 1.316496 | .0128246 | .0397749 | 76.09262 | .9846486 |
| #2 | .1336272 | .0161796 | 1.317817 | .0181125 | .0377854 | 75.67297 | .9776178 |
| #3 | .1332691 | .0227449 | 1.324875 | .0160980 | .0372940 | 76.34325 | .9846013 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0062264 | .0125960 | 39.93240 | .1242777 | .1089995 | .3072676 | 178.1049 |
| Stddev | .0001780 | .0000912 | .12391 | .0011713 | .0003777 | .0062410 | .4495 |
| %RSD | 2.859630 | .7239662 | .3103112 | .9424860 | .3465478 | 2.031145 | .2523957 |
| | | | | | | | |
| #1 | .0064183 | .0125392 | 39.92644 | .1253582 | .1090994 | .3071747 | 177.9930 |
| #2 | .0060665 | .0125475 | 39.81157 | .1230329 | .1085819 | .3010736 | 177.7219 |
| #3 | .0061943 | .0127011 | 40.05919 | .1244419 | .1093173 | .3135546 | 178.5998 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.75944 | 21.66765 | .1944570 | -.009919 | 2.795279 | .1898865 | 1.747059 |
| Stddev | .06850 | .13479 | .0003572 | .001453 | .449971 | .0056341 | .007809 |
| %RSD | .4346701 | .6220892 | .1837191 | 14.64300 | 16.09755 | 2.967107 | .4469642 |
| | | | | | | | |
| #1 | 15.72221 | 21.72403 | .1940711 | -.011094 | 3.304790 | .1877747 | 1.744255 |
| #2 | 15.71763 | 21.51382 | .1947762 | -.008295 | 2.452355 | .1856134 | 1.741039 |
| #3 | 15.83850 | 21.76509 | .1945237 | -.010368 | 2.628693 | .1962715 | 1.755882 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.472739 | 8.526959 | -.030684 | .0067061 | 1.578367 | 10.34975 | .1901007 |
| Stddev | .106008 | .024982 | .002291 | .0001902 | .004226 | .08517 | .0004772 |
| %RSD | 1.937026 | .2929812 | 7.467559 | 2.835817 | .2677403 | .8229202 | .2510275 |
| | | | | | | | |
| #1 | 5.512481 | 8.499373 | -.030059 | .0069257 | 1.583064 | 10.39896 | .1898748 |
| #2 | 5.352602 | 8.533447 | -.028770 | .0065947 | 1.577161 | 10.25140 | .1897785 |
| #3 | 5.553134 | 8.548057 | -.033223 | .0065978 | 1.574875 | 10.39888 | .1906490 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-14 Acquired: 12/13/2024 21:16:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.403461 | .0783592 | .0390830 |
| Stddev | .008140 | .0009375 | .0010027 |
| %RSD | .5800052 | 1.196404 | 2.565549 |
| | | | |
| #1 | 1.402203 | .0787032 | .0382607 |
| #2 | 1.396023 | .0772983 | .0387883 |
| #3 | 1.412157 | .0790761 | .0402001 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2801.366 | 31286.98 | 2734.290 | 2301.328 | 3103.712 |
| Stddev | 2.578 | 231.09 | 15.015 | 15.638 | 4.414 |
| %RSD | .0920365 | .7386037 | .5491311 | .6795387 | .1422294 |
| | | | | | |
| #1 | 2802.239 | 31196.19 | 2729.145 | 2297.159 | 3108.248 |
| #2 | 2798.465 | 31549.67 | 2751.201 | 2318.629 | 3099.430 |
| #3 | 2803.395 | 31115.07 | 2722.523 | 2288.197 | 3103.457 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-15 Acquired: 12/13/2024 21:20:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1384180 | .0144329 | .6441318 | .0214340 | .0420259 | 82.10709 | .7032575 |
| Stddev | .0040264 | .0031743 | .0151220 | .0010685 | .0008234 | .60199 | .0049650 |
| %RSD | 2.908895 | 21.99336 | 2.347652 | 4.985028 | 1.959212 | .7331794 | .7060032 |
| #1 | .1373567 | .0122904 | .6368490 | .0202668 | .0420348 | 82.32515 | .7061285 |
| #2 | .1350285 | .0180796 | .6615172 | .0223639 | .0411981 | 82.56966 | .7061196 |
| #3 | .1428688 | .0129285 | .6340294 | .0216712 | .0428448 | 81.42645 | .6975244 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070253 | .0081612 | 25.19156 | .1174622 | .1196692 | .2288691 | 200.0257 |
| Stddev | .0001675 | .0003421 | .20074 | .0076758 | .0031334 | .0079687 | 1.3455 |
| %RSD | 2.383525 | 4.192117 | .7968374 | 6.534712 | 2.618414 | 3.481754 | .6726454 |
| #1 | .0068590 | .0079615 | 25.33923 | .1120294 | .1182969 | .2372700 | 200.2931 |
| #2 | .0071939 | .0085562 | 25.27246 | .1262433 | .1232546 | .2214179 | 201.2174 |
| #3 | .0070228 | .0079658 | 24.96300 | .1141137 | .1174560 | .2279193 | 198.5666 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.21810 | 20.36467 | .1978293 | -.013924 | 1.798817 | .2003530 | .8884889 |
| Stddev | .10116 | .16101 | .0051371 | .001659 | .428790 | .0092238 | .0348328 |
| %RSD | .6647623 | .7906118 | 2.596728 | 11.91517 | 23.83734 | 4.603764 | 3.920460 |
| #1 | 15.24326 | 20.36235 | .1955479 | -.013146 | 2.056537 | .2038566 | .8591450 |
| #2 | 15.30431 | 20.52682 | .2037120 | -.015829 | 2.036081 | .2073116 | .9269837 |
| #3 | 15.10673 | 20.20483 | .1942281 | -.012797 | 1.303834 | .1898908 | .8793380 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.457150 | 6.278710 | -.058843 | .0054930 | .8553811 | 7.728299 | .0512652 |
| Stddev | .062729 | .164895 | .004726 | .0003232 | .0220685 | .095116 | .0008998 |
| %RSD | 1.407382 | 2.626252 | 8.031248 | 5.883604 | 2.579956 | 1.230745 | 1.755250 |
| #1 | 4.448351 | 6.197515 | -.055029 | .0055795 | .8429541 | 7.720383 | .0522409 |
| #2 | 4.523814 | 6.468457 | -.064130 | .0057642 | .8808610 | 7.827125 | .0510867 |
| #3 | 4.399285 | 6.170157 | -.057370 | .0051354 | .8423282 | 7.637388 | .0504680 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-15 Acquired: 12/13/2024 21:20:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.410253 | -.033192 | .0341900 |
| Stddev | .010255 | .000247 | .0040921 |
| %RSD | .7271817 | .7433645 | 11.96884 |
| | | | |
| #1 | 1.416788 | -.033474 | .0328589 |
| #2 | 1.415538 | -.033081 | .0309291 |
| #3 | 1.398434 | -.033020 | .0387820 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3004.468 | 33332.87 | 2961.223 | 2449.057 | 3113.196 |
| Stddev | 47.205 | 1450.28 | 30.939 | 94.263 | 72.402 |
| %RSD | 1.571160 | 4.350895 | 1.044802 | 3.848962 | 2.325635 |
| | | | | | |
| #1 | 3037.014 | 34274.71 | 2945.133 | 2514.754 | 3155.942 |
| #2 | 2950.328 | 31662.78 | 2941.644 | 2341.052 | 3029.601 |
| #3 | 3026.061 | 34061.11 | 2996.891 | 2491.364 | 3154.045 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-16 Acquired: 12/13/2024 21:23:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1307062 | .0129654 | .4613262 | .0224888 | .0394311 | 75.89498 | .6202325 |
| Stddev | .0025008 | .0007523 | .0020256 | .0032316 | .0002219 | 1.35139 | .0095804 |
| %RSD | 1.913316 | 5.802430 | .4390830 | 14.36959 | .5627993 | 1.780604 | 1.544647 |
| #1 | .1314961 | .0134231 | .4604894 | .0207903 | .0391868 | 74.93610 | .6134793 |
| #2 | .1327168 | .0133759 | .4636361 | .0204607 | .0396201 | 75.30828 | .6160209 |
| #3 | .1279059 | .0120971 | .4598530 | .0262154 | .0394865 | 77.44057 | .6311972 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0063921 | .0064415 | 23.26770 | .1104541 | .1113582 | .3045172 | 199.6649 |
| Stddev | .0001372 | .0001436 | .41100 | .0018148 | .0001110 | .0034546 | 3.1836 |
| %RSD | 2.146287 | 2.229775 | 1.766389 | 1.643073 | .0996393 | 1.134460 | 1.594472 |
| #1 | .0062915 | .0064920 | 22.97886 | .1105732 | .1114821 | .3036025 | 197.4787 |
| #2 | .0063365 | .0065530 | 23.08601 | .1122065 | .1113247 | .3016119 | 198.1985 |
| #3 | .0065484 | .0062794 | 23.73824 | .1085826 | .1112678 | .3083371 | 203.3174 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.01566 | 21.70551 | .1871162 | -.012228 | 2.044227 | .1796489 | .7373531 |
| Stddev | .23327 | .34225 | .0006220 | .000093 | .752952 | .0019921 | .0044719 |
| %RSD | 1.456506 | 1.576802 | .3324170 | .7588358 | 36.83311 | 1.108898 | .6064803 |
| #1 | 15.88097 | 21.50585 | .1867797 | -.012312 | 2.370678 | .1817667 | .7400629 |
| #2 | 15.88100 | 21.50997 | .1867348 | -.012128 | 2.578862 | .1778124 | .7321915 |
| #3 | 16.28502 | 22.10070 | .1878339 | -.012244 | 1.183141 | .1793674 | .7398048 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.693699 | 4.244525 | -.052287 | .0047141 | .7278777 | 8.910064 | .0735504 |
| Stddev | .292488 | .011464 | .000284 | .0000708 | .0028558 | .128028 | .0003694 |
| %RSD | 5.137052 | .2700813 | .5423797 | 1.501717 | .3923406 | 1.436888 | .5022058 |
| #1 | 5.466967 | 4.252993 | -.052212 | .0046629 | .7310182 | 8.814189 | .0731258 |
| #2 | 5.590285 | 4.249101 | -.052600 | .0046846 | .7254367 | 8.860548 | .0737275 |
| #3 | 6.023846 | 4.231480 | -.052048 | .0047949 | .7271782 | 9.055454 | .0737979 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-16 Acquired: 12/13/2024 21:23:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.172833 | -.074161 | .0402436 |
| Stddev | .023633 | .001327 | .0020953 |
| %RSD | 2.015036 | 1.788849 | 5.206512 |
| | | | |
| #1 | 1.156186 | -.073127 | .0407617 |
| #2 | 1.162430 | -.073699 | .0420313 |
| #3 | 1.199883 | -.075657 | .0379379 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3007.910 | 33602.85 | 2919.935 | 2472.534 | 3135.798 |
| Stddev | 9.865 | 238.79 | 44.213 | 16.974 | 13.992 |
| %RSD | .3279567 | .7106224 | 1.514171 | .6864994 | .4462167 |
| | | | | | |
| #1 | 3005.780 | 33425.85 | 2941.822 | 2469.625 | 3130.089 |
| #2 | 2999.284 | 33508.27 | 2948.934 | 2457.202 | 3125.563 |
| #3 | 3018.666 | 33874.45 | 2869.047 | 2490.774 | 3151.742 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-17 Acquired: 12/13/2024 21:27:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1780833 | .0311583 | .4880581 | .0307638 | .0379287 | 75.00017 | .7817412 |
| Stddev | .0025753 | .0020234 | .0038544 | .0027840 | .0008250 | 1.79346 | .0181063 |
| %RSD | 1.446138 | 6.493765 | .7897450 | 9.049589 | 2.175235 | 2.391268 | 2.316144 |
| #1 | .1751418 | .0333423 | .4892040 | .0288628 | .0375966 | 73.14970 | .7634261 |
| #2 | .1791760 | .0293477 | .4837607 | .0339594 | .0373215 | 76.73058 | .7996311 |
| #3 | .1799321 | .0307849 | .4912096 | .0294692 | .0388681 | 75.12022 | .7821664 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0055524 | .0067040 | 25.06943 | .1075470 | .1397289 | .3170110 | 197.3426 |
| Stddev | .0001513 | .0001705 | .63789 | .0005002 | .0012326 | .0022883 | 4.5602 |
| %RSD | 2.724444 | 2.542595 | 2.544477 | .4651363 | .8821621 | .7218233 | 2.310800 |
| #1 | .0055715 | .0066893 | 24.39802 | .1077809 | .1406051 | .3177232 | 192.3671 |
| #2 | .0056932 | .0065413 | 25.66744 | .1078874 | .1383194 | .3144514 | 201.3231 |
| #3 | .0053925 | .0068813 | 25.14283 | .1069726 | .1402621 | .3188585 | 198.3376 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.97936 | 18.09580 | .1802985 | -.010968 | 1.941957 | .1498064 | .6891610 |
| Stddev | .62590 | .39691 | .0012774 | .000677 | .219108 | .0045748 | .0073204 |
| %RSD | 2.409222 | 2.193376 | .7084864 | 6.172698 | 11.28287 | 3.053803 | 1.062221 |
| #1 | 25.31192 | 17.67184 | .1809270 | -.010790 | 1.753537 | .1547679 | .6901581 |
| #2 | 26.55316 | 18.45855 | .1788286 | -.010398 | 2.182393 | .1488960 | .6813931 |
| #3 | 26.07301 | 18.15701 | .1811398 | -.011716 | 1.889943 | .1457552 | .6959317 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.118494 | 4.687364 | -.050697 | .0061122 | .7802409 | 9.142277 | .0676138 |
| Stddev | .313809 | .038157 | .004728 | .0003271 | .0085758 | .193108 | .0008057 |
| %RSD | 5.128866 | .8140305 | 9.325833 | 5.351184 | 1.099128 | 2.112256 | 1.191634 |
| #1 | 5.782747 | 4.710829 | -.049837 | .0058698 | .7876762 | 8.958743 | .0684476 |
| #2 | 6.404401 | 4.643337 | -.055796 | .0064842 | .7708591 | 9.343713 | .0668394 |
| #3 | 6.168333 | 4.707927 | -.046458 | .0059826 | .7821875 | 9.124376 | .0675545 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-17 Acquired: 12/13/2024 21:27:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .9215888 | -.087821 | .0360783 |
| Stddev | .0221500 | .001906 | .0014452 |
| %RSD | 2.403456 | 2.170425 | 4.005806 |
| | | | |
| #1 | .8973464 | -.085703 | .0365333 |
| #2 | .9407706 | -.089397 | .0344604 |
| #3 | .9266493 | -.088365 | .0372413 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3021.288 | 33495.29 | 2955.618 | 2469.624 | 3142.685 |
| Stddev | 20.389 | 16.36 | 64.986 | 8.542 | 24.473 |
| %RSD | .6748352 | .0488560 | 2.198714 | .3458649 | .7787185 |
| | | | | | |
| #1 | 3012.273 | 33489.86 | 3014.015 | 2459.886 | 3128.535 |
| #2 | 3044.631 | 33513.68 | 2885.609 | 2475.850 | 3170.944 |
| #3 | 3006.962 | 33482.33 | 2967.229 | 2473.136 | 3128.577 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-18 Acquired: 12/13/2024 21:31:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1136745 | .0130887 | 7.586924 | .0037658 | .0333835 | 65.45937 |
| Stddev | .0032773 | .0008091 | .013613 | .0007499 | .0017529 | .27594 |
| %RSD | 2.883038 | 6.181502 | .1794219 | 19.91242 | 5.250773 | .4215482 |
| #1 | .1107461 | .0130130 | 7.575169 | .0039405 | .0332039 | 65.50914 |
| #2 | .1130629 | .0123200 | 7.583764 | .0029440 | .0317274 | 65.70704 |
| #3 | .1172145 | .0139329 | 7.601838 | .0044129 | .0352193 | 65.16193 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.278117 | .0070030 | .0120602 | 130.0609 | .1744661 | .0924427 |
| Stddev | .009178 | .0001274 | .0000452 | .6803 | .0001563 | .0007163 |
| %RSD | .4028929 | 1.819272 | .3750408 | .5230588 | .0896049 | .7748371 |
| #1 | 2.282182 | .0068574 | .0120106 | 130.4896 | .1745419 | .0916348 |
| #2 | 2.284561 | .0070575 | .0120993 | 130.4166 | .1742863 | .0930000 |
| #3 | 2.267608 | .0070942 | .0120705 | 129.2765 | .1745701 | .0926934 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4822980 | 177.0215 | 7.352577 | 46.08562 | .2239152 | -.009548 |
| Stddev | .0028018 | .7438 | .036060 | .26939 | .0010956 | .000842 |
| %RSD | .5809300 | .4201816 | .4904400 | .5845426 | .4892969 | 8.818655 |
| #1 | .4805812 | 177.2211 | 7.348161 | 45.95421 | .2228408 | -.009030 |
| #2 | .4855312 | 177.6452 | 7.390641 | 46.39549 | .2250308 | -.010520 |
| #3 | .4807817 | 176.1983 | 7.318928 | 45.90715 | .2238739 | -.009095 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.091197 | .1804272 | 4.919402 | 5.130394 | F 11.12391 | .0326556 |
| Stddev | .441519 | .0024099 | .031754 | .073273 | .01913 | .0011660 |
| %RSD | 21.11324 | 1.335673 | .6454865 | 1.428208 | .1719527 | 3.570602 |
| #1 | 2.557428 | .1776691 | 4.922251 | 5.213209 | 11.10608 | .0332331 |
| #2 | 2.036719 | .1821265 | 4.949635 | 5.073982 | 11.12154 | .0334201 |
| #3 | 1.679445 | .1814860 | 4.886319 | 5.103990 | 11.14411 | .0313135 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-18 Acquired: 12/13/2024 21:31:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP7 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0072937 | 4.763672 | 10.11071 | .1573986 | 1.295855 | .0958281 |
| Stddev | .0005367 | .014726 | .02037 | .0013145 | .009373 | .0007869 |
| %RSD | 7.357860 | .3091275 | .2014595 | .8351638 | .7233264 | .8211749 |
| #1 | .0066798 | 4.754137 | 10.10029 | .1587351 | 1.295050 | .0949488 |
| #2 | .0076736 | 4.756247 | 10.13418 | .1561072 | 1.305605 | .0964661 |
| #3 | .0075277 | 4.780632 | 10.09765 | .1573535 | 1.286911 | .0960695 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0498668 |
| Stddev | .0035902 |
| %RSD | 7.199508 |
| #1 | .0500301 |
| #2 | .0461978 |
| #3 | .0533726 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2663.935 | 29657.73 | 2662.396 | 2183.509 | 3023.332 |
| Stddev | 6.569 | 121.09 | 11.288 | 14.357 | 4.991 |
| %RSD | .2465841 | .4082865 | .4239680 | .6575364 | .1650787 |
| #1 | 2659.180 | 29614.07 | 2664.116 | 2179.114 | 3019.014 |
| #2 | 2661.197 | 29564.52 | 2650.347 | 2171.863 | 3022.185 |
| #3 | 2671.431 | 29794.59 | 2672.725 | 2199.550 | 3028.796 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-19 Acquired: 12/13/2024 21:35:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0953216 | .0070233 | 6.317961 | .0082953 | .0376326 | 78.88200 | 1.969912 |
| Stddev | .0024314 | .0025197 | .011340 | .0040449 | .0018059 | 1.87319 | .044252 |
| %RSD | 2.550698 | 35.87667 | .1794882 | 48.76075 | 4.798704 | 2.374670 | 2.246375 |
| #1 | .0981247 | .0061799 | 6.319438 | .0063936 | .0358734 | 78.04736 | 1.950887 |
| #2 | .0940557 | .0098566 | 6.305954 | .0055518 | .0375424 | 77.57122 | 1.938354 |
| #3 | .0937843 | .0050335 | 6.328489 | .0129406 | .0394818 | 81.02744 | 2.020494 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0104614 | .0096503 | 107.1802 | .1491267 | .0925351 | .3673498 | 192.6402 |
| Stddev | .0003072 | .0001475 | 2.4346 | .0009196 | .0006278 | .0087068 | 4.4535 |
| %RSD | 2.936282 | 1.528547 | 2.271523 | .6166728 | .6784668 | 2.370157 | 2.311816 |
| #1 | .0104109 | .0098123 | 106.2450 | .1501886 | .0930854 | .3661488 | 191.0457 |
| #2 | .0101826 | .0096150 | 105.3518 | .1485949 | .0926687 | .3593058 | 189.2034 |
| #3 | .0107907 | .0095236 | 109.9437 | .1485965 | .0918512 | .3765947 | 197.6714 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.879191 | 36.83368 | .2202408 | -.011053 | 3.092122 | .2033872 | 3.719175 |
| Stddev | .145963 | .89741 | .0003128 | .000949 | .231227 | .0059550 | .023881 |
| %RSD | 2.482713 | 2.436382 | .1420267 | 8.583367 | 7.477938 | 2.927892 | .6421029 |
| #1 | 5.826797 | 36.49231 | .2199550 | -.010796 | 2.847985 | .1982926 | 3.741629 |
| #2 | 5.766656 | 36.15705 | .2201925 | -.012104 | 3.120575 | .2019350 | 3.721810 |
| #3 | 6.044120 | 37.85168 | .2205750 | -.010259 | 3.307806 | .2099339 | 3.694086 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.743065 | 9.540708 | .0542752 | .0065223 | 3.685492 | 11.09066 | .1509052 |
| Stddev | .282600 | .023800 | .0023897 | .0005449 | .003877 | .24485 | .0017876 |
| %RSD | 4.190972 | .2494583 | 4.402931 | 8.355234 | .1051920 | 2.207714 | 1.184561 |
| #1 | 6.688798 | 9.551660 | .0522269 | .0061007 | 3.689710 | 11.04111 | .1526412 |
| #2 | 6.491533 | 9.513404 | .0536982 | .0063285 | 3.682084 | 10.87437 | .1510040 |
| #3 | 7.048863 | 9.557061 | .0569006 | .0071376 | 3.684683 | 11.35649 | .1490702 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-19 Acquired: 12/13/2024 21:35:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.195238 | .1626804 | .0522341 |
| Stddev | .049509 | .0035108 | .0028679 |
| %RSD | 2.255276 | 2.158083 | 5.490418 |
| | | | |
| #1 | 2.178343 | .1614995 | .0511597 |
| #2 | 2.156388 | .1599123 | .0500586 |
| #3 | 2.250982 | .1666293 | .0554841 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2691.520 | 29850.13 | 2637.504 | 2196.857 | 3095.431 |
| Stddev | 3.334 | 169.25 | 57.682 | 13.914 | 4.982 |
| %RSD | .1238709 | .5670021 | 2.187008 | .6333566 | .1609378 |
| | | | | | |
| #1 | 2695.274 | 29789.54 | 2648.770 | 2188.850 | 3100.340 |
| #2 | 2688.903 | 29719.51 | 2688.721 | 2188.797 | 3090.380 |
| #3 | 2690.382 | 30041.34 | 2575.019 | 2212.923 | 3095.573 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-20 Acquired: 12/13/2024 21:39:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1077365 | .0228446 | 5.294675 | .0008071 | .0282224 | 60.31156 | 2.281553 |
| Stddev | .0077416 | .0003887 | .028210 | .0048776 | .0024253 | .07430 | .004447 |
| %RSD | 7.185641 | 1.701561 | .5327977 | 604.3615 | 8.593699 | .1231935 | .1949288 |
| #1 | .0992985 | .0229376 | 5.272308 | -.002175 | .0310014 | 60.27377 | 2.283900 |
| #2 | .1093999 | .0231784 | 5.285350 | .006436 | .0265328 | 60.39716 | 2.276424 |
| #3 | .1145112 | .0224178 | 5.326367 | -.001840 | .0271328 | 60.26375 | 2.284335 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058098 | .0081573 | 184.0945 | .1036803 | .0963681 | .3319278 | 163.2934 |
| Stddev | .0001130 | .0000365 | .2656 | .0003303 | .0010114 | .0064001 | .2216 |
| %RSD | 1.944965 | .4472152 | .1442531 | .3185594 | 1.049474 | 1.928171 | .1356892 |
| #1 | .0059348 | .0081410 | 184.1685 | .1036412 | .0952004 | .3303189 | 163.3181 |
| #2 | .0057149 | .0081991 | 183.7998 | .1033714 | .0969378 | .3264856 | 163.5015 |
| #3 | .0057798 | .0081318 | 184.3152 | .1040284 | .0969662 | .3389788 | 163.0605 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.48471 | 36.68486 | .1510787 | -.007943 | 1.862214 | .1592460 | 2.484596 |
| Stddev | .00902 | .04879 | .0009732 | .000956 | .416200 | .0048417 | .015894 |
| %RSD | .0785609 | .1330092 | .6441539 | 12.03364 | 22.34972 | 3.040371 | .6396889 |
| #1 | 11.49512 | 36.72995 | .1505567 | -.008769 | 1.504132 | .1545722 | 2.478464 |
| #2 | 11.47977 | 36.63306 | .1504778 | -.008165 | 2.318843 | .1589261 | 2.502642 |
| #3 | 11.47923 | 36.69156 | .1522015 | -.006896 | 1.763668 | .1642397 | 2.472681 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.398483 | 7.777182 | -.012802 | .0040444 | 2.368248 | 10.44927 | .1068308 |
| Stddev | .079105 | .039164 | .000837 | .0001584 | .013373 | .03097 | .0004636 |
| %RSD | 1.798472 | .5035694 | 6.539510 | 3.915800 | .5646700 | .2963603 | .4339620 |
| #1 | 4.400508 | 7.747291 | -.013348 | .0039071 | 2.363734 | 10.48502 | .1063721 |
| #2 | 4.318384 | 7.762740 | -.013219 | .0042176 | 2.357717 | 10.43211 | .1072992 |
| #3 | 4.476556 | 7.821516 | -.011838 | .0040085 | 2.383294 | 10.43068 | .1068211 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-20 Acquired: 12/13/2024 21:39:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.116420 | .1634728 | .0425058 |
| Stddev | .003458 | .0006445 | .0028616 |
| %RSD | .3097015 | .3942795 | 6.732148 |
| | | | |
| #1 | 1.119097 | .1639876 | .0405162 |
| #2 | 1.112516 | .1636807 | .0412159 |
| #3 | 1.117647 | .1627499 | .0457852 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2658.910 | 29707.15 | 2653.198 | 2181.305 | 3011.942 |
| Stddev | 13.054 | 109.43 | 5.329 | 11.680 | 18.136 |
| %RSD | .4909475 | .3683564 | .2008490 | .5354778 | .6021270 |
| | | | | | |
| #1 | 2669.304 | 29806.22 | 2652.912 | 2186.267 | 3028.263 |
| #2 | 2663.166 | 29589.70 | 2648.018 | 2167.963 | 3015.145 |
| #3 | 2644.259 | 29725.54 | 2658.664 | 2189.686 | 2992.418 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV012 Acquired: 12/13/2024 21:59:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.883461 | 5.101420 | 24.03951 | 4.608380 | 4.685591 | 380.6210 | 9.723019 |
| Stddev | .024716 | .083804 | .39534 | .080229 | .087415 | .4807 | .018234 |
| %RSD | .5061116 | 1.642753 | 1.644541 | 1.740928 | 1.865623 | .1263010 | .1875348 |
| #1 | 4.874034 | 5.050880 | 23.78187 | 4.555560 | 4.629184 | 380.2507 | 9.712959 |
| #2 | 4.864846 | 5.055224 | 23.84197 | 4.568880 | 4.641301 | 380.4479 | 9.712031 |
| #3 | 4.911503 | 5.198156 | 24.49469 | 4.700701 | 4.786287 | 381.1643 | 9.744067 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4797533 | 2.392910 | 398.6630 | 14.55667 | 2.320671 | 14.78802 | 394.4939 |
| Stddev | .0028267 | .037391 | .6117 | .02934 | .036920 | .07147 | .9563 |
| %RSD | .5892027 | 1.562595 | .1534387 | .2015290 | 1.590913 | .4832891 | .2424110 |
| #1 | .4823923 | 2.369145 | 398.0580 | 14.58754 | 2.296729 | 14.76469 | 394.2619 |
| #2 | .4767703 | 2.373575 | 398.6499 | 14.52916 | 2.302095 | 14.73114 | 393.6750 |
| #3 | .4800971 | 2.436010 | 399.2812 | 14.55332 | 2.363190 | 14.86825 | 395.5449 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.76466 | 374.8954 | 2.406251 | 1.237826 | 381.3246 | 2.468204 | 13.67576 |
| Stddev | .04919 | 1.0199 | .038246 | .000854 | 1.9089 | .014343 | .01017 |
| %RSD | .3331862 | .2720370 | 1.589439 | .0690115 | .5006028 | .5810947 | .0743858 |
| #1 | 14.75338 | 374.8063 | 2.380546 | 1.237189 | 381.8782 | 2.475205 | 13.67115 |
| #2 | 14.72208 | 373.9231 | 2.388004 | 1.237493 | 379.2000 | 2.451705 | 13.68742 |
| #3 | 14.81851 | 375.9569 | 2.450203 | 1.238797 | 382.8955 | 2.477701 | 13.66871 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 140.9290 | 4.751203 | 4.619047 | 4.730579 | 4.675243 | 4.868473 | 4.846628 |
| Stddev | .5502 | .076361 | .032316 | .081469 | .082190 | .025333 | .083883 |
| %RSD | .3903997 | 1.607191 | .6996191 | 1.722169 | 1.757993 | .5203468 | 1.730755 |
| #1 | 140.7712 | 4.698917 | 4.647039 | 4.681670 | 4.629307 | 4.887499 | 4.790351 |
| #2 | 140.4749 | 4.715860 | 4.583682 | 4.685441 | 4.626290 | 4.839717 | 4.806495 |
| #3 | 141.5408 | 4.838833 | 4.626420 | 4.824626 | 4.770133 | 4.878202 | 4.943039 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV012 Acquired: 12/13/2024 21:59:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.980857 | 4.613276 | 5.001808 |
| Stddev | .021148 | .019168 | .024896 |
| %RSD | .4245772 | .4154899 | .4977477 |
| | | | |
| #1 | 4.981500 | 4.607608 | 4.994419 |
| #2 | 4.959396 | 4.597582 | 4.981442 |
| #3 | 5.001676 | 4.634639 | 5.029562 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1931.874 | 23986.29 | 2213.781 | 1651.747 | 2570.221 |
| Stddev | 28.206 | 66.16 | 8.052 | 8.824 | 34.854 |
| %RSD | 1.460011 | .2758347 | .3637014 | .5342067 | 1.356081 |
| | | | | | |
| #1 | 1947.212 | 23973.92 | 2204.691 | 1646.765 | 2590.392 |
| #2 | 1949.087 | 23927.19 | 2220.015 | 1646.541 | 2590.296 |
| #3 | 1899.323 | 24057.77 | 2216.637 | 1661.935 | 2529.975 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB012 Acquired: 12/13/2024 22:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005140 | .0015623 | .0050606 | -.003994 | .0017475 | -.017250 |
| Stddev | .0034182 | .0021469 | .0006951 | .003168 | .0017150 | .006174 |
| %RSD | 665.0044 | 137.4242 | 13.73624 | 79.32924 | 98.13843 | 35.79272 |
| | | | | | | |
| #1 | .0009667 | .0030369 | .0050016 | -.001470 | .0033154 | -.024018 |
| #2 | -.003108 | .0025507 | .0057833 | -.002963 | .0020112 | -.015806 |
| #3 | .003683 | -.000901 | .0043968 | -.007550 | -.000084 | -.011925 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003174 | -.000002 | -.000016 | .0338656 | -.000994 | .0003471 |
| Stddev | .0010513 | .000076 | .000030 | .0177864 | .000617 | .0001705 |
| %RSD | 331.1777 | 4143.852 | 185.7459 | 52.52047 | 62.03280 | 49.10862 |
| | | | | | | |
| #1 | .0003441 | -.000025 | -.000030 | .0500826 | -.001191 | .0004034 |
| #2 | .0013552 | -.000064 | .000018 | .0366709 | -.001488 | .0004824 |
| #3 | -.000747 | .000083 | -.000037 | .0148433 | -.000303 | .0001557 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0038768 | .0014297 | .0007606 | .0468573 | .0000436 | .0018572 |
| Stddev | .0030067 | .0148924 | .0013274 | .0366880 | .0004272 | .0012884 |
| %RSD | 77.55857 | 1041.667 | 174.5300 | 78.29737 | 979.5738 | 69.37335 |
| | | | | | | |
| #1 | .0063396 | .0184356 | .0011750 | .0842389 | -.000103 | .0031197 |
| #2 | .0005261 | -.009283 | .0018314 | .0454285 | -.000291 | .0005443 |
| #3 | .0047645 | -.004864 | -.000725 | .0109046 | .000525 | .0019077 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.870730 | .0025327 | .0008040 | -.359832 | -.002533 | .0071691 |
| Stddev | .495030 | .0017873 | .0018742 | .249210 | .000279 | .0020179 |
| %RSD | 26.46187 | 70.56689 | 233.1231 | 69.25733 | 11.02760 | 28.14755 |
| | | | | | | |
| #1 | 2.442222 | .0044751 | .0029431 | -.438124 | -.002416 | .0094615 |
| #2 | 1.595129 | .0021654 | .0000185 | -.080877 | -.002852 | .0063841 |
| #3 | 1.574840 | .0009576 | -.000550 | -.560496 | -.002331 | .0056615 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB012 Acquired: 12/13/2024 22:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001349 | -.003233 | -.038070 | .0002194 | -.000964 | -.000246 |
| Stddev | .0002109 | .002129 | .000519 | .0003484 | .004222 | .000190 |
| %RSD | 156.3418 | 65.83565 | 1.362447 | 158.8439 | 438.1574 | 77.05783 |
| #1 | -.000059 | -.003856 | -.037498 | .0002461 | -.005081 | -.000089 |
| #2 | .000360 | -.004982 | -.038509 | .0005537 | -.001166 | -.000193 |
| #3 | .000104 | -.000863 | -.038204 | -.000142 | .003356 | -.000456 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | F -.032369 |
| Stddev | .001066 |
| %RSD | 3.293764 |
| #1 | -.032902 |
| #2 | -.033063 |
| #3 | -.031141 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2376.437 | 26102.87 | 2281.257 | 1929.756 | 3273.829 |
| Stddev | 1.986 | 65.50 | 18.828 | 2.271 | 6.135 |
| %RSD | .0835780 | .2509254 | .8253278 | .1176928 | .1873857 |
| #1 | 2376.606 | 26054.11 | 2259.699 | 1932.095 | 3269.441 |
| #2 | 2378.332 | 26077.18 | 2294.473 | 1929.614 | 3271.207 |
| #3 | 2374.371 | 26177.32 | 2289.597 | 1927.559 | 3280.839 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-21 Acquired: 12/13/2024 22:07:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0839531 | .0236653 | 5.020258 | -.005399 | .0213449 | 57.60113 | 1.792702 |
| Stddev | .0021362 | .0030632 | .010373 | .003767 | .0012974 | .10813 | .004929 |
| %RSD | 2.544541 | 12.94402 | .2066203 | 69.76640 | 6.078134 | .1877280 | .2749632 |
| #1 | .0817646 | .0211709 | 5.022698 | -.002953 | .0227889 | 57.70862 | 1.796030 |
| #2 | .0860329 | .0270844 | 5.008883 | -.003508 | .0209683 | 57.49236 | 1.787039 |
| #3 | .0840618 | .0227407 | 5.029194 | -.009737 | .0202774 | 57.60241 | 1.795037 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057626 | .0070940 | 188.3673 | .1077284 | .0863657 | .3294728 | 137.1160 |
| Stddev | .0000183 | .0001268 | .0838 | .0008261 | .0012974 | .0043901 | .3157 |
| %RSD | .3166144 | 1.787230 | .0444979 | .7667978 | 1.502236 | 1.332446 | .2302665 |
| #1 | .0057617 | .0070372 | 188.4005 | .1072919 | .0867545 | .3344877 | 137.2126 |
| #2 | .0057449 | .0070055 | 188.4294 | .1086812 | .0849184 | .3263243 | 136.7633 |
| #3 | .0057813 | .0072392 | 188.2719 | .1072122 | .0874243 | .3276065 | 137.3722 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.871390 | 63.64372 | .1472950 | -.006092 | 1.833058 | .1460599 | 2.483562 |
| Stddev | .028973 | .10722 | .0008961 | .000477 | .187978 | .0015966 | .020937 |
| %RSD | .3680848 | .1684615 | .6083985 | 7.825711 | 10.25491 | 1.093086 | .8430245 |
| #1 | 7.890973 | 63.76687 | .1481296 | -.005785 | 1.810998 | .1478423 | 2.473468 |
| #2 | 7.838108 | 63.57114 | .1463479 | -.006641 | 2.031093 | .1455767 | 2.507634 |
| #3 | 7.885091 | 63.59314 | .1474075 | -.005849 | 1.657082 | .1447608 | 2.469585 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.286679 | 8.437060 | .0057404 | .0035087 | 2.449958 | 10.33045 | .1141982 |
| Stddev | .184702 | .007945 | .0032051 | .0004651 | .009295 | .08426 | .0014173 |
| %RSD | 4.308738 | .0941726 | 55.83384 | 13.25477 | .3793853 | .8156915 | 1.241082 |
| #1 | 4.433041 | 8.441818 | .0020395 | .0040142 | 2.446291 | 10.36111 | .1136444 |
| #2 | 4.079154 | 8.427887 | .0076048 | .0034128 | 2.443056 | 10.23514 | .1131414 |
| #3 | 4.347842 | 8.441473 | .0075768 | .0030991 | 2.460527 | 10.39508 | .1158088 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-21 Acquired: 12/13/2024 22:07:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.015802 | .0998353 | .0543811 |
| Stddev | .003232 | .0004624 | .0030532 |
| %RSD | .3182185 | .4632020 | 5.614485 |
| | | | |
| #1 | 1.017826 | .1002609 | .0509188 |
| #2 | 1.012074 | .0993432 | .0555365 |
| #3 | 1.017506 | .0999019 | .0566879 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2654.686 | 29576.55 | 2628.952 | 2165.308 | 2975.945 |
| Stddev | 4.585 | 113.97 | 16.895 | 10.779 | 2.044 |
| %RSD | .1727105 | .3853290 | .6426438 | .4978107 | .0686974 |
| | | | | | |
| #1 | 2657.075 | 29553.71 | 2616.281 | 2160.230 | 2977.787 |
| #2 | 2649.400 | 29475.73 | 2648.133 | 2158.005 | 2973.745 |
| #3 | 2657.584 | 29700.21 | 2622.441 | 2177.688 | 2976.302 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-22 Acquired: 12/13/2024 22:11:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1514563 | .0234489 | 1.614274 | .0211785 | .0418000 | 75.43243 |
| Stddev | .0029875 | .0018891 | .019498 | .0007389 | .0033521 | .47625 |
| %RSD | 1.972481 | 8.056055 | 1.207835 | 3.488813 | 8.019319 | .6313627 |
| #1 | .1485511 | .0235658 | 1.604163 | .0204218 | .0396332 | 75.74483 |
| #2 | .1545197 | .0215042 | 1.601908 | .0218982 | .0401058 | 74.88428 |
| #3 | .1512981 | .0252768 | 1.636750 | .0212156 | .0456610 | 75.66817 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.125808 | .0067806 | .0151989 | 56.44087 | .1446209 | .1275104 |
| Stddev | .007529 | .0001629 | .0003079 | .38926 | .0007031 | .0024308 |
| %RSD | .6687224 | 2.401984 | 2.025803 | .6896727 | .4861551 | 1.906365 |
| #1 | 1.128457 | .0069428 | .0151162 | 56.64478 | .1453130 | .1269646 |
| #2 | 1.117313 | .0066171 | .0149408 | 55.99202 | .1446424 | .1253989 |
| #3 | 1.131654 | .0067819 | .0155397 | 56.68581 | .1439073 | .1301677 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3811977 | 199.8172 | 18.01728 | 22.30219 | .2456219 | -.009926 |
| Stddev | .0125828 | 1.2759 | .12040 | .24390 | .0028647 | .000864 |
| %RSD | 3.300861 | .6385455 | .6682391 | 1.093612 | 1.166298 | 8.708954 |
| #1 | .3945359 | 200.5647 | 18.11188 | 22.44030 | .2447402 | -.009528 |
| #2 | .3695390 | 198.3439 | 17.88175 | 22.02057 | .2433017 | -.009333 |
| #3 | .3795182 | 200.5430 | 18.05821 | 22.44569 | .2488238 | -.010918 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.372791 | .1959428 | 2.198414 | 8.552093 | F 11.31343 | -.030178 |
| Stddev | .325008 | .0038163 | .015195 | .223844 | .14390 | .004132 |
| %RSD | 13.69729 | 1.947659 | .6911631 | 2.617422 | 1.271927 | 13.69188 |
| #1 | 2.364072 | .1990632 | 2.198658 | 8.718770 | 11.24647 | -.030642 |
| #2 | 2.052230 | .1916879 | 2.183099 | 8.297669 | 11.21520 | -.034059 |
| #3 | 2.702071 | .1970774 | 2.213485 | 8.639841 | 11.47860 | -.025834 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4932-22 Acquired: 12/13/2024 22:11:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0076769 | 3.305363 | 9.112978 | .1589267 | 1.296806 | .0566936 |
| Stddev | .0002550 | .046949 | .077001 | .0030297 | .007638 | .0008337 |
| %RSD | 3.322052 | 1.420402 | .8449582 | 1.906375 | .5889963 | 1.470551 |
| #1 | .0079650 | 3.276861 | 9.190918 | .1575854 | 1.300348 | .0574930 |
| #2 | .0074800 | 3.279678 | 9.036952 | .1567991 | 1.288039 | .0558293 |
| #3 | .0075858 | 3.359552 | 9.111064 | .1623956 | 1.302029 | .0567585 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0527469 |
| Stddev | .0040171 |
| %RSD | 7.615884 |
| #1 | .0533564 |
| #2 | .0484598 |
| #3 | .0564244 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2871.669 | 31891.15 | 2817.827 | 2340.502 | 3111.969 |
| Stddev | 21.570 | 36.50 | 22.889 | 6.301 | 29.772 |
| %RSD | .7511453 | .1144460 | .8122875 | .2692337 | .9566954 |
| #1 | 2876.182 | 31933.12 | 2793.786 | 2340.657 | 3117.638 |
| #2 | 2890.625 | 31866.91 | 2839.357 | 2346.725 | 3138.498 |
| #3 | 2848.199 | 31873.40 | 2820.338 | 2334.125 | 3079.770 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-01 Acquired: 12/13/2024 22:15:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2696253 | .0189410 | 5.295392 | .0023265 | .0291407 | 65.69871 | 1.690692 |
| Stddev | .0023638 | .0022563 | .015453 | .0027584 | .0010197 | .49032 | .011798 |
| %RSD | .8767127 | 11.91201 | .2918170 | 118.5665 | 3.499069 | .7463210 | .6978088 |
| #1 | .2698651 | .0213130 | 5.312453 | .0023145 | .0301081 | 66.17089 | 1.702438 |
| #2 | .2718601 | .0168219 | 5.291390 | -.000426 | .0292381 | 65.73318 | 1.690795 |
| #3 | .2671507 | .0186881 | 5.282334 | .005091 | .0280758 | 65.19206 | 1.678843 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054864 | .0095512 | 119.5147 | .3248164 | .0949644 | .4731709 | 149.3622 |
| Stddev | .0001241 | .0001674 | .7121 | .0022611 | .0002296 | .0041572 | 1.1400 |
| %RSD | 2.261808 | 1.752514 | .5958303 | .6961215 | .2417854 | .8785817 | .7632440 |
| #1 | .0053470 | .0093615 | 120.2213 | .3272752 | .0950865 | .4741972 | 150.4550 |
| #2 | .0055850 | .0096779 | 119.5257 | .3243477 | .0946996 | .4767188 | 149.4514 |
| #3 | .0055270 | .0096144 | 118.7972 | .3228264 | .0951073 | .4685967 | 148.1803 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.638651 | 34.66517 | .1891652 | -.006620 | 2.517698 | .1673804 | 1.912500 |
| Stddev | .075967 | .26284 | .0008792 | .000474 | .347564 | .0037917 | .009221 |
| %RSD | .7881460 | .7582224 | .4647567 | 7.156633 | 13.80485 | 2.265295 | .4821505 |
| #1 | 9.709350 | 34.93496 | .1901225 | -.006655 | 2.903886 | .1717105 | 1.923148 |
| #2 | 9.648271 | 34.65068 | .1883940 | -.006129 | 2.230026 | .1646543 | 1.907228 |
| #3 | 9.558333 | 34.40988 | .1889792 | -.007075 | 2.419181 | .1657766 | 1.907125 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.957205 | 8.172323 | -.010624 | .0054583 | 3.885317 | 11.00525 | .1003170 |
| Stddev | .073131 | .019418 | .001701 | .0002233 | .016172 | .03875 | .0011763 |
| %RSD | 1.848059 | .2376033 | 16.01075 | 4.091505 | .4162393 | .3521048 | 1.172603 |
| #1 | 3.942655 | 8.192783 | -.009590 | .0056847 | 3.892585 | 11.04768 | .1013248 |
| #2 | 4.036517 | 8.170034 | -.012587 | .0054522 | 3.896580 | 10.99635 | .1006017 |
| #3 | 3.892442 | 8.154150 | -.009695 | .0052381 | 3.866786 | 10.97173 | .0990244 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-01 Acquired: 12/13/2024 22:15:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.286611 | .0960381 | .0544308 |
| Stddev | .010685 | .0014956 | .0061751 |
| %RSD | .8304590 | 1.557336 | 11.34494 |
| | | | |
| #1 | 1.292998 | .0975345 | .0598096 |
| #2 | 1.292559 | .0960366 | .0476875 |
| #3 | 1.274276 | .0945433 | .0557954 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2656.820 | 29512.77 | 2605.675 | 2173.720 | 3058.470 |
| Stddev | 4.497 | 240.07 | 7.108 | 13.980 | 8.326 |
| %RSD | .1692779 | .8134597 | .2728008 | .6431284 | .2722147 |
| | | | | | |
| #1 | 2660.241 | 29236.54 | 2597.965 | 2158.343 | 3050.227 |
| #2 | 2651.726 | 29671.10 | 2611.969 | 2185.664 | 3058.308 |
| #3 | 2658.492 | 29630.67 | 2607.091 | 2177.152 | 3066.875 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-02 Acquired: 12/13/2024 22:18:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2487850 | .0186531 | 5.854669 | .0058693 | .0338383 | 74.65899 | 1.741521 |
| Stddev | .0013634 | .0018350 | .020929 | .0031818 | .0014096 | .11851 | .001297 |
| %RSD | .5480078 | 9.837400 | .3574771 | 54.21056 | 4.165712 | .1587395 | .0744649 |
| #1 | .2484374 | .0165355 | 5.855224 | .0083856 | .0345268 | 74.55574 | 1.743009 |
| #2 | .2476290 | .0197739 | 5.833467 | .0022928 | .0322168 | 74.63282 | 1.740632 |
| #3 | .2502884 | .0196499 | 5.875314 | .0069295 | .0347713 | 74.78840 | 1.740921 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060160 | .0113387 | 102.2365 | .4613682 | .1087847 | .4108385 | 163.1075 |
| Stddev | .0000666 | .0000671 | .0151 | .0078744 | .0009625 | .0040210 | .3434 |
| %RSD | 1.107166 | .5913190 | .0148005 | 1.706758 | .8848216 | .9787314 | .2105541 |
| #1 | .0060707 | .0114040 | 102.2375 | .4522819 | .1088214 | .4075680 | 162.7960 |
| #2 | .0060353 | .0113422 | 102.2209 | .4662045 | .1078043 | .4153279 | 163.0506 |
| #3 | .0059418 | .0112700 | 102.2511 | .4656183 | .1097284 | .4096195 | 163.4758 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.94958 | 43.51343 | .2986904 | -.008455 | 1.963102 | .1838430 | 2.059748 |
| Stddev | .02324 | .06312 | .0006677 | .000847 | .218987 | .0038865 | .019657 |
| %RSD | .2122035 | .1450670 | .2235353 | 10.01345 | 11.15513 | 2.114010 | .9543173 |
| #1 | 10.92462 | 43.44342 | .2988102 | -.007962 | 2.013322 | .1793631 | 2.040018 |
| #2 | 10.95353 | 43.56601 | .2979709 | -.009432 | 1.723368 | .1858545 | 2.059895 |
| #3 | 10.97059 | 43.53085 | .2992900 | -.007970 | 2.152617 | .1863115 | 2.079330 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.823610 | 8.039797 | -.027070 | .0078941 | 3.800619 | 10.57485 | .1056646 |
| Stddev | .126966 | .028283 | .003656 | .0000737 | .018554 | .07847 | .0002042 |
| %RSD | 3.320571 | .3517823 | 13.50621 | .9330417 | .4881905 | .7420275 | .1932222 |
| #1 | 3.758662 | 8.053385 | -.025619 | .0079087 | 3.810737 | 10.48734 | .1056880 |
| #2 | 3.742256 | 8.007285 | -.031229 | .0078143 | 3.779205 | 10.63895 | .1058560 |
| #3 | 3.969911 | 8.058722 | -.024362 | .0079595 | 3.811915 | 10.59826 | .1054497 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-02 Acquired: 12/13/2024 22:18:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.364347 | .0583662 | .0694904 |
| Stddev | .002455 | .0001265 | .0048539 |
| %RSD | .1799063 | .2167613 | 6.984951 |
| | | | |
| #1 | 1.362657 | .0583665 | .0673230 |
| #2 | 1.363222 | .0584926 | .0750504 |
| #3 | 1.367163 | .0582396 | .0660978 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2681.286 | 29931.77 | 2697.662 | 2206.810 | 3004.822 |
| Stddev | 9.808 | 362.51 | 12.062 | 25.431 | 11.951 |
| %RSD | .3657802 | 1.211132 | .4471246 | 1.152407 | .3977200 |
| | | | | | |
| #1 | 2688.276 | 30349.46 | 2711.076 | 2236.086 | 3005.089 |
| #2 | 2685.507 | 29699.05 | 2687.708 | 2190.186 | 3016.637 |
| #3 | 2670.075 | 29746.81 | 2694.202 | 2194.159 | 2992.740 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-03 Acquired: 12/13/2024 22:22:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2048217 | .0206542 | 12.17691 | .0119317 | .0316866 | 76.31954 | 3.163148 |
| Stddev | .0022849 | .0010656 | .07228 | .0043929 | .0009348 | .19251 | .008747 |
| %RSD | 1.115530 | 5.159426 | .5935596 | 36.81668 | 2.949984 | .2522373 | .2765179 |
| #1 | .2035734 | .0206074 | 12.10089 | .0076965 | .0306736 | 76.52183 | 3.173210 |
| #2 | .2074588 | .0217425 | 12.18510 | .0116318 | .0318704 | 76.13860 | 3.157361 |
| #3 | .2034330 | .0196127 | 12.24474 | .0164668 | .0325158 | 76.29818 | 3.158874 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0067037 | .0168264 | 94.17611 | .3387787 | .1173358 | .4316606 | 164.9978 |
| Stddev | .0001383 | .0001240 | .29547 | .0006957 | .0008243 | .0044900 | .4697 |
| %RSD | 2.063174 | .7368234 | .3137403 | .2053563 | .7025301 | 1.040165 | .2846699 |
| #1 | .0068520 | .0167094 | 94.51602 | .3382315 | .1164991 | .4279809 | 165.4586 |
| #2 | .0066807 | .0169563 | 94.03161 | .3395617 | .1173612 | .4303375 | 164.5197 |
| #3 | .0065783 | .0168133 | 93.98071 | .3385431 | .1181472 | .4366635 | 165.0152 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.84016 | 38.41795 | .2485672 | -.007845 | 1.724939 | .1922190 | 3.494901 |
| Stddev | .04338 | .12097 | .0017740 | .000119 | .237279 | .0042984 | .002250 |
| %RSD | .3378842 | .3148819 | .7136964 | 1.519740 | 13.75577 | 2.236177 | .0643654 |
| #1 | 12.87689 | 38.49812 | .2474683 | -.007971 | 1.508850 | .1970627 | 3.492535 |
| #2 | 12.79229 | 38.27880 | .2476195 | -.007734 | 1.978861 | .1907354 | 3.497013 |
| #3 | 12.85130 | 38.47693 | .2506138 | -.007829 | 1.687106 | .1888590 | 3.495155 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.150722 | 7.658471 | -.035134 | .0061608 | 2.830229 | 10.04700 | .1554197 |
| Stddev | .072890 | .036109 | .001508 | .0001907 | .014068 | .03112 | .0016668 |
| %RSD | 1.756085 | .4714972 | 4.293280 | 3.094996 | .4970731 | .3097228 | 1.072463 |
| #1 | 4.148016 | 7.620052 | -.033825 | .0059489 | 2.814604 | 10.06175 | .1563318 |
| #2 | 4.079223 | 7.663650 | -.034794 | .0062150 | 2.834192 | 10.01125 | .1534959 |
| #3 | 4.224928 | 7.691712 | -.036784 | .0063185 | 2.841891 | 10.06800 | .1564315 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-03 Acquired: 12/13/2024 22:22:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.223870 | .0677678 | .0724803 |
| Stddev | .003112 | .0001657 | .0023777 |
| %RSD | .2542500 | .2444766 | 3.280470 |
| | | | |
| #1 | 1.226306 | .0676023 | .0744017 |
| #2 | 1.220365 | .0677674 | .0698212 |
| #3 | 1.224938 | .0679336 | .0732180 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2750.139 | 30813.82 | 2718.965 | 2250.410 | 3040.314 |
| Stddev | 5.256 | 42.13 | 12.210 | 2.901 | 11.669 |
| %RSD | .1911232 | .1367292 | .4490802 | .1289181 | .3837962 |
| | | | | | |
| #1 | 2755.142 | 30843.04 | 2712.331 | 2253.724 | 3050.400 |
| #2 | 2750.612 | 30832.90 | 2733.056 | 2249.177 | 3043.009 |
| #3 | 2744.662 | 30765.52 | 2711.508 | 2248.329 | 3027.534 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-04 Acquired: 12/13/2024 22:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1483004 | .0279821 | 5.337748 | .0023529 | .0250247 | 69.98408 |
| Stddev | .0072476 | .0023578 | .031385 | .0027506 | .0024109 | .15400 |
| %RSD | 4.887095 | 8.425975 | .5879824 | 116.9026 | 9.633953 | .2200540 |
| #1 | .1469372 | .0297104 | 5.313134 | .0048332 | .0238784 | 70.16058 |
| #2 | .1418311 | .0289398 | 5.327019 | -.000605 | .0277948 | 69.87702 |
| #3 | .1561327 | .0252962 | 5.373090 | .002831 | .0234008 | 69.91466 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.834319 | .0063973 | .0140746 | 184.5163 | .1730458 | .1182996 |
| Stddev | .005193 | .0000907 | .0001002 | .6046 | .0015239 | .0009725 |
| %RSD | .1832171 | 1.417465 | .7119830 | .3276562 | .8806051 | .8220502 |
| #1 | 2.839418 | .0064997 | .0141081 | 185.0736 | .1725074 | .1179779 |
| #2 | 2.834501 | .0063272 | .0139619 | 184.6016 | .1747658 | .1175287 |
| #3 | 2.829037 | .0063651 | .0141537 | 183.8735 | .1718642 | .1193921 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5463287 | 154.0670 | 12.87105 | 45.29387 | .2377291 | -.006200 |
| Stddev | .0053497 | .5431 | .02535 | .07104 | .0005583 | .000295 |
| %RSD | .9791992 | .3524790 | .1969722 | .1568328 | .2348633 | 4.762240 |
| #1 | .5424078 | 154.3927 | 12.89816 | 45.28466 | .2371061 | -.006167 |
| #2 | .5441553 | 154.3682 | 12.86707 | 45.22789 | .2378968 | -.006511 |
| #3 | .5524230 | 153.4401 | 12.84792 | 45.36906 | .2381844 | -.005923 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.591088 | .1546090 | 3.187264 | 9.396625 | F 13.36505 | -.000531 |
| Stddev | .196912 | .0091122 | .037957 | .152562 | .08455 | .000982 |
| %RSD | 7.599571 | 5.893692 | 1.190907 | 1.623579 | .6325857 | 185.1145 |
| #1 | 2.467812 | .1515823 | 3.189389 | 9.378485 | 13.29642 | .000061 |
| #2 | 2.487267 | .1648494 | 3.224115 | 9.557446 | 13.33923 | -.001664 |
| #3 | 2.818184 | .1473954 | 3.148289 | 9.253945 | 13.45949 | .000012 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-04 Acquired: 12/13/2024 22:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF5 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074681 | 6.301786 | 10.18318 | .0973751 | 1.019870 | .2898806 |
| Stddev | .0004381 | .025248 | .05169 | .0017745 | .005316 | .0008900 |
| %RSD | 5.865781 | .4006445 | .5075704 | 1.822288 | .5212256 | .3070052 |
| #1 | .0070424 | 6.291559 | 10.17089 | .0982259 | 1.016687 | .2899188 |
| #2 | .0074445 | 6.283256 | 10.13875 | .0953355 | 1.026006 | .2889721 |
| #3 | .0079175 | 6.330543 | 10.23990 | .0985640 | 1.016916 | .2907508 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0667362 |
| Stddev | .0018035 |
| %RSD | 2.702498 |
| #1 | .0677816 |
| #2 | .0646536 |
| #3 | .0677732 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2675.117 | 30010.98 | 2641.024 | 2193.454 | 2934.218 |
| Stddev | 5.004 | 168.58 | 6.180 | 14.864 | 9.108 |
| %RSD | .1870513 | .5617334 | .2339822 | .6776404 | .3104119 |
| #1 | 2679.784 | 30066.13 | 2644.991 | 2204.500 | 2942.245 |
| #2 | 2675.733 | 29821.73 | 2644.178 | 2176.554 | 2936.090 |
| #3 | 2669.834 | 30145.08 | 2633.904 | 2199.306 | 2924.319 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-05 Acquired: 12/13/2024 22:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1687536 | .0290967 | 4.461193 | -.000139 | .0233815 | 63.55290 |
| Stddev | .0015158 | .0015607 | .013967 | .000807 | .0001837 | .15269 |
| %RSD | .8982245 | 5.363725 | .3130822 | 579.4831 | .7855690 | .2402565 |
| #1 | .1696564 | .0274966 | 4.458276 | .000776 | .0235137 | 63.39353 |
| #2 | .1670036 | .0306147 | 4.476388 | -.000748 | .0231718 | 63.69789 |
| #3 | .1696008 | .0291788 | 4.448915 | -.000446 | .0234592 | 63.56728 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.579648 | .0062443 | .0124196 | 159.3203 | .1307107 | .1155003 |
| Stddev | .002529 | .0000785 | .0001335 | .4324 | .0001216 | .0003675 |
| %RSD | .0980188 | 1.256723 | 1.074978 | .2714096 | .0930230 | .3181474 |
| #1 | 2.582355 | .0063324 | .0122657 | 158.8814 | .1307349 | .1152034 |
| #2 | 2.577347 | .0061821 | .0124878 | 159.3335 | .1305789 | .1159112 |
| #3 | 2.579241 | .0062182 | .0125051 | 159.7459 | .1308184 | .1153862 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4997372 | 138.6462 | 14.12983 | 35.75959 | .1945930 | -.004699 |
| Stddev | .0047462 | .4407 | .05406 | .13121 | .0011247 | .000680 |
| %RSD | .9497341 | .3178274 | .3825735 | .3669294 | .5779903 | 14.48291 |
| #1 | .4982302 | 138.3040 | 14.06782 | 35.66248 | .1947262 | -.004372 |
| #2 | .4959275 | 138.4913 | 14.15468 | 35.70743 | .1956451 | -.004243 |
| #3 | .5050539 | 139.1434 | 14.16699 | 35.90886 | .1934075 | -.005481 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.416019 | .1383012 | 2.526499 | 7.927092 | F 15.25583 | -.006117 |
| Stddev | .077050 | .0090956 | .017923 | .110747 | .06594 | .002376 |
| %RSD | 3.189147 | 6.576670 | .7094027 | 1.397069 | .4322084 | 38.84363 |
| #1 | 2.340566 | .1483225 | 2.522480 | 7.859781 | 15.21293 | -.006547 |
| #2 | 2.494573 | .1305684 | 2.510927 | 7.866584 | 15.33175 | -.008249 |
| #3 | 2.412920 | .1360125 | 2.546091 | 8.054911 | 15.22279 | -.003555 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-05 Acquired: 12/13/2024 22:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF6 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0044383 | 2.476898 | 9.314438 | .1054585 | 1.000399 | .2624707 |
| Stddev | .0003087 | .011795 | .047758 | .0010242 | .005370 | .0011345 |
| %RSD | 6.954474 | .4761826 | .5127359 | .9711538 | .5368278 | .4322356 |
| #1 | .0042558 | 2.469048 | 9.365236 | .1044695 | .995115 | .2615521 |
| #2 | .0042644 | 2.490461 | 9.307628 | .1065146 | 1.005852 | .2637388 |
| #3 | .0047947 | 2.471185 | 9.270450 | .1053915 | 1.000229 | .2621211 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0506257 |
| Stddev | .0019705 |
| %RSD | 3.892234 |
| #1 | .0525102 |
| #2 | .0485792 |
| #3 | .0507878 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2792.468 | 31119.91 | 2754.919 | 2266.358 | 3051.946 |
| Stddev | 13.951 | 143.96 | 13.964 | 2.827 | 16.931 |
| %RSD | .4995815 | .4626070 | .5068826 | .1247356 | .5547728 |
| #1 | 2797.682 | 31286.04 | 2747.747 | 2265.074 | 3054.784 |
| #2 | 2776.661 | 31041.96 | 2745.997 | 2269.599 | 3033.774 |
| #3 | 2803.060 | 31031.73 | 2771.012 | 2264.401 | 3067.278 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-06 Acquired: 12/13/2024 22:33:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1526000 | .0224614 | 2.853713 | -.000766 | .0239938 | 61.28353 | 1.742540 |
| Stddev | .0000684 | .0024423 | .008940 | .002199 | .0002659 | .35090 | .006049 |
| %RSD | .0448507 | 10.87312 | .3132925 | 286.8865 | 1.108358 | .5725918 | .3471203 |
| #1 | .1525713 | .0206999 | 2.856069 | .001501 | .0241116 | 61.09266 | 1.738857 |
| #2 | .1526781 | .0252494 | 2.843830 | -.002889 | .0241805 | 61.68850 | 1.749521 |
| #3 | .1525505 | .0214350 | 2.861239 | -.000911 | .0236893 | 61.06944 | 1.739243 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056934 | .0089590 | 138.1522 | .1080142 | .1126798 | .4383038 | 143.5718 |
| Stddev | .0000721 | .0001539 | .9714 | .0003793 | .0006485 | .0130254 | .8003 |
| %RSD | 1.267033 | 1.718079 | .7031271 | .3511466 | .5755390 | 2.971763 | .5574007 |
| #1 | .0056325 | .0090470 | 137.9083 | .1078844 | .1127029 | .4285978 | 143.0556 |
| #2 | .0057731 | .0090488 | 139.2223 | .1077168 | .1120201 | .4531069 | 144.4937 |
| #3 | .0056747 | .0087813 | 137.3260 | .1084413 | .1133165 | .4332068 | 143.1662 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.24460 | 26.57223 | .1843337 | -.006071 | 2.117654 | .1213205 | 1.716831 |
| Stddev | .07076 | .20777 | .0012679 | .000446 | .225214 | .0048590 | .003867 |
| %RSD | .5778829 | .7819137 | .6878357 | 7.342993 | 10.63506 | 4.005097 | .2252191 |
| #1 | 12.22071 | 26.50007 | .1855426 | -.005559 | 2.090784 | .1268928 | 1.715390 |
| #2 | 12.32421 | 26.80647 | .1830140 | -.006275 | 2.355098 | .1191026 | 1.721212 |
| #3 | 12.18888 | 26.41016 | .1844446 | -.006378 | 1.907081 | .1179663 | 1.713893 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.893763 | 9.473082 | -.006966 | .0034038 | 1.628424 | 9.346321 | .0726400 |
| Stddev | .069157 | .018277 | .002291 | .0001228 | .010308 | .066382 | .0004419 |
| %RSD | .8761001 | .1929319 | 32.89300 | 3.608142 | .6329750 | .7102516 | .6083980 |
| #1 | 7.814111 | 9.481650 | -.004568 | .0035227 | 1.623076 | 9.288310 | .0721407 |
| #2 | 7.938521 | 9.452095 | -.009134 | .0034111 | 1.621890 | 9.418716 | .0729810 |
| #3 | 7.928658 | 9.485499 | -.007195 | .0032774 | 1.640306 | 9.331938 | .0727983 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-06 Acquired: 12/13/2024 22:33:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6674527 | .1777448 | .0458368 |
| Stddev | .0089061 | .0006304 | .0009528 |
| %RSD | 1.334334 | .3546916 | 2.078655 |
| | | | |
| #1 | .6593710 | .1774273 | .0455113 |
| #2 | .6770010 | .1784709 | .0450893 |
| #3 | .6659859 | .1773362 | .0469096 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2825.415 | 31699.35 | 2795.405 | 2317.712 | 3039.483 |
| Stddev | 3.459 | 55.94 | 21.185 | 3.667 | 5.157 |
| %RSD | .1224225 | .1764723 | .7578499 | .1582027 | .1696511 |
| | | | | | |
| #1 | 2821.785 | 31634.76 | 2806.996 | 2321.525 | 3033.677 |
| #2 | 2825.787 | 31732.37 | 2770.954 | 2314.211 | 3041.247 |
| #3 | 2828.673 | 31730.91 | 2808.266 | 2317.400 | 3043.527 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-07 Acquired: 12/13/2024 22:37:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1789251 | .0449401 | 2.405244 | -.003198 | .0206004 | 67.98812 |
| Stddev | .0028856 | .0022171 | .003295 | .002603 | .0008666 | .20563 |
| %RSD | 1.612753 | 4.933396 | .1370094 | 81.39868 | 4.206641 | .3024565 |
| #1 | .1794093 | .0473143 | 2.406184 | -.001081 | .0210088 | 68.22244 |
| #2 | .1758280 | .0445824 | 2.407968 | -.002408 | .0196050 | 67.90423 |
| #3 | .1815380 | .0429236 | 2.401581 | -.006105 | .0211873 | 67.83769 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.482418 | .0049706 | .0079932 | 263.2443 | .1012759 | .1355006 |
| Stddev | .002672 | .0001353 | .0001357 | 1.0695 | .0002489 | .0005748 |
| %RSD | .1802261 | 2.721566 | 1.697928 | .4062770 | .2457677 | .4242323 |
| #1 | 1.485284 | .0050122 | .0080104 | 264.3027 | .1015082 | .1348380 |
| #2 | 1.479996 | .0050803 | .0078497 | 262.1640 | .1013062 | .1358658 |
| #3 | 1.481975 | .0048195 | .0081195 | 263.2662 | .1010132 | .1357979 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3585657 | 145.1748 | 16.36643 | 27.37551 | .1985951 | -.006552 |
| Stddev | .0009961 | .0914 | .01635 | .06147 | .0008596 | .000702 |
| %RSD | .2778011 | .0629718 | .0999217 | .2245331 | .4328448 | 10.71161 |
| #1 | .3578104 | 145.2283 | 16.35630 | 27.33811 | .1980602 | -.006209 |
| #2 | .3596946 | 145.0693 | 16.35770 | 27.34197 | .1995866 | -.006088 |
| #3 | .3581921 | 145.2270 | 16.38530 | 27.44645 | .1981384 | -.007360 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.777512 | .1364746 | 1.144690 | 7.851900 | F 32.62500 | .0038726 |
| Stddev | .288049 | .0032425 | .002420 | .143129 | .06178 | .0010375 |
| %RSD | 10.37076 | 2.375892 | .2114048 | 1.822858 | .1893698 | 26.78989 |
| #1 | 3.108651 | .1379787 | 1.142127 | 7.986599 | 32.55366 | .0031266 |
| #2 | 2.639004 | .1386919 | 1.145007 | 7.701617 | 32.66076 | .0034339 |
| #3 | 2.584880 | .1327532 | 1.146936 | 7.867484 | 32.66057 | .0050573 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-07 Acquired: 12/13/2024 22:37:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF8 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041162 | 1.932532 | 9.764922 | .0800961 | .8245362 | .3991553 |
| Stddev | .0000590 | .004156 | .028660 | .0003057 | .0027365 | .0009380 |
| %RSD | 1.432944 | .2150337 | .2934984 | .3817345 | .3318857 | .2349958 |
| #1 | .0041653 | 1.937153 | 9.788681 | .0800724 | .8263188 | .4001498 |
| #2 | .0041326 | 1.929102 | 9.772993 | .0798028 | .8213854 | .3990296 |
| #3 | .0040508 | 1.931340 | 9.733092 | .0804129 | .8259044 | .3982865 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0614272 |
| Stddev | .0007849 |
| %RSD | 1.277790 |
| #1 | .0622806 |
| #2 | .0612647 |
| #3 | .0607362 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3098.533 | 34767.11 | 3130.378 | 2541.966 | 2965.047 |
| Stddev | 6.150 | 41.90 | 6.082 | 5.374 | 5.685 |
| %RSD | .1984903 | .1205054 | .1943046 | .2114177 | .1917357 |
| #1 | 3092.331 | 34815.49 | 3128.454 | 2536.526 | 2961.553 |
| #2 | 3098.637 | 34742.72 | 3125.490 | 2542.100 | 2961.980 |
| #3 | 3104.630 | 34743.12 | 3137.190 | 2547.272 | 2971.607 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-08 Acquired: 12/13/2024 22:41:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1412827 | .0120628 | .7663488 | .0079075 | .0318609 | 75.18125 | .6769060 |
| Stddev | .0036092 | .0022671 | .0050207 | .0022705 | .0021282 | 2.10281 | .0191829 |
| %RSD | 2.554600 | 18.79450 | .6551411 | 28.71290 | 6.679779 | 2.796985 | 2.833901 |
| #1 | .1386646 | .0145781 | .7621979 | .0070228 | .0341814 | 72.75446 | .6547613 |
| #2 | .1397836 | .0114337 | .7649192 | .0062126 | .0300001 | 76.32507 | .6884150 |
| #3 | .1453999 | .0101767 | .7719292 | .0104872 | .0314013 | 76.46421 | .6875417 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0067171 | .0050666 | 55.41891 | .1110393 | .1259946 | .5738234 | 176.0668 |
| Stddev | .0002302 | .0000347 | 1.55486 | .0008452 | .0009797 | .0164538 | 4.3261 |
| %RSD | 3.426290 | .6844915 | 2.805656 | .7611374 | .7775510 | 2.867401 | 2.457078 |
| #1 | .0065004 | .0050948 | 53.62422 | .1119972 | .1254425 | .5552004 | 171.0715 |
| #2 | .0069587 | .0050279 | 56.27258 | .1107221 | .1254155 | .5798765 | 178.5884 |
| #3 | .0066922 | .0050771 | 56.35993 | .1103986 | .1271257 | .5863932 | 178.5404 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.962624 | 25.92697 | .2160766 | -.009749 | 2.845313 | .1485856 | .5823892 |
| Stddev | .255682 | .79101 | .0018425 | .001024 | .401085 | .0026438 | .0066898 |
| %RSD | 2.566412 | 3.050910 | .8527087 | 10.49953 | 14.09633 | 1.779284 | 1.148676 |
| #1 | 9.667729 | 25.01510 | .2150087 | -.008927 | 3.006103 | .1457937 | .5858876 |
| #2 | 10.12235 | 26.42833 | .2150170 | -.009426 | 2.388781 | .1510509 | .5866045 |
| #3 | 10.09779 | 26.33749 | .2182041 | -.010896 | 3.141054 | .1489123 | .5746757 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.30402 | 7.555229 | -.021505 | .0028536 | .9316287 | 8.898993 | .0330814 |
| Stddev | .37229 | .039016 | .002857 | .0003998 | .0037211 | .183595 | .0007526 |
| %RSD | 3.613069 | .5164149 | 13.28381 | 14.00976 | .3994130 | 2.063100 | 2.274928 |
| #1 | 9.87715 | 7.533804 | -.024133 | .0030426 | .9286385 | 8.688315 | .0322185 |
| #2 | 10.56144 | 7.531619 | -.021917 | .0023944 | .9304517 | 9.024786 | .0336024 |
| #3 | 10.47347 | 7.600263 | -.018464 | .0031239 | .9357959 | 8.983879 | .0334232 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-08 Acquired: 12/13/2024 22:41:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHF9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .7792471 | .0060290 | .0659298 |
| Stddev | .0168753 | .0003700 | .0049067 |
| %RSD | 2.165596 | 6.136370 | 7.442231 |
| | | | |
| #1 | .7597634 | .0057335 | .0642400 |
| #2 | .7892447 | .0064439 | .0620915 |
| #3 | .7887333 | .0059097 | .0714581 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2975.613 | 33628.79 | 2951.003 | 2469.820 | 3079.970 |
| Stddev | 9.805 | 37.79 | 57.079 | 6.685 | 14.620 |
| %RSD | .3294959 | .1123599 | 1.934215 | .2706721 | .4746913 |
| | | | | | |
| #1 | 2983.884 | 33591.51 | 3016.374 | 2462.752 | 3089.785 |
| #2 | 2978.174 | 33627.81 | 2911.040 | 2470.668 | 3086.958 |
| #3 | 2964.783 | 33667.06 | 2925.595 | 2476.041 | 3063.167 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-09 Acquired: 12/13/2024 22:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHG0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1600840 | .0260095 | 1.547035 | .0078248 | .0329669 | 78.86868 |
| Stddev | .0020563 | .0041215 | .003977 | .0041525 | .0014551 | .16464 |
| %RSD | 1.284536 | 15.84634 | .2571021 | 53.06794 | 4.413728 | .2087487 |
| #1 | .1584917 | .0244730 | 1.551349 | .0119268 | .0324154 | 78.69464 |
| #2 | .1624056 | .0306786 | 1.546245 | .0079238 | .0346171 | 79.02194 |
| #3 | .1593546 | .0228769 | 1.543512 | .0036237 | .0318682 | 78.88946 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9616723 | .0069919 | .0078944 | 133.1469 | .1168767 | .1406910 |
| Stddev | .0015463 | .0000584 | .0001181 | .2306 | .0010286 | .0007227 |
| %RSD | .1607969 | .8354021 | 1.495471 | .1731803 | .8800713 | .5136445 |
| #1 | .9605871 | .0070225 | .0080232 | 132.9658 | .1162454 | .1409189 |
| #2 | .9634428 | .0069245 | .0077913 | 133.4065 | .1163210 | .1412722 |
| #3 | .9609868 | .0070286 | .0078687 | 133.0684 | .1180636 | .1398819 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4878788 | 192.9706 | 13.00323 | 29.99223 | .2478099 | -.010953 |
| Stddev | .0034817 | .6216 | .02323 | .05539 | .0012389 | .000489 |
| %RSD | .7136384 | .3221379 | .1786503 | .1846915 | .4999176 | 4.461872 |
| #1 | .4841668 | 192.7842 | 12.99922 | 29.93526 | .2490479 | -.010497 |
| #2 | .4910720 | 193.6642 | 13.02821 | 29.99553 | .2478115 | -.011469 |
| #3 | .4883977 | 192.4636 | 12.98227 | 30.04590 | .2465702 | -.010893 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.289797 | .1608122 | 1.190534 | 10.01489 | F 11.45714 | -.026883 |
| Stddev | .808888 | .0077130 | .016248 | .14819 | .04907 | .002642 |
| %RSD | 35.32577 | 4.796298 | 1.364749 | 1.479737 | .4282585 | 9.827312 |
| #1 | 2.234343 | .1567320 | 1.181760 | 9.92949 | 11.50903 | -.028678 |
| #2 | 1.510062 | .1697083 | 1.180558 | 10.18601 | 11.45090 | -.028120 |
| #3 | 3.124986 | .1559962 | 1.209282 | 9.92917 | 11.41150 | -.023849 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-09 Acquired: 12/13/2024 22:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHG0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0029869 | 1.223252 | 8.119726 | .0459281 | .7997510 | .0782286 |
| Stddev | .0003699 | .004320 | .080905 | .0018461 | .0019099 | .0006463 |
| %RSD | 12.38254 | .3531548 | .9963967 | 4.019610 | .2388113 | .8261743 |
| #1 | .0033200 | 1.221658 | 8.142632 | .0462808 | .7996374 | .0775940 |
| #2 | .0025889 | 1.228142 | 8.186708 | .0475724 | .8017151 | .0788860 |
| #3 | .0030517 | 1.219955 | 8.029838 | .0439311 | .7979004 | .0782059 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0860288 |
| Stddev | .0005052 |
| %RSD | .5872697 |
| #1 | .0866073 |
| #2 | .0856746 |
| #3 | .0858044 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3030.878 | 33709.11 | 3018.283 | 2468.085 | 2982.833 |
| Stddev | 10.919 | 115.47 | 20.621 | 8.599 | 13.001 |
| %RSD | .3602436 | .3425589 | .6831908 | .3483945 | .4358570 |
| #1 | 3019.537 | 33705.86 | 3009.224 | 2467.620 | 2969.833 |
| #2 | 3031.779 | 33826.18 | 3003.743 | 2476.907 | 2982.831 |
| #3 | 3041.318 | 33595.30 | 3041.883 | 2459.729 | 2995.835 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-10 Acquired: 12/13/2024 22:49:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHG1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1453814 | .0254691 | .4739767 | .0088395 | .0320573 | 78.20932 | .6173368 |
| Stddev | .0044859 | .0024940 | .0022304 | .0011489 | .0021847 | .19134 | .0023579 |
| %RSD | 3.085635 | 9.792455 | .4705651 | 12.99680 | 6.815037 | .2446554 | .3819460 |
| #1 | .1403501 | .0282815 | .4723395 | .0101347 | .0337300 | 78.23787 | .6180584 |
| #2 | .1468300 | .0245995 | .4765170 | .0084402 | .0328563 | 78.38478 | .6192495 |
| #3 | .1489640 | .0235263 | .4730735 | .0079435 | .0295856 | 78.00530 | .6147024 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070848 | .0072916 | 147.9302 | .1056383 | .1353969 | .3203988 | 191.1125 |
| Stddev | .0001998 | .0000550 | .2965 | .0006627 | .0005896 | .0025629 | .9462 |
| %RSD | 2.819935 | .7547893 | .2004567 | .6273655 | .4354273 | .7998968 | .4950865 |
| #1 | .0068875 | .0072830 | 148.1727 | .1063260 | .1353400 | .3226248 | 191.6988 |
| #2 | .0072869 | .0072414 | 148.0182 | .1055852 | .1360128 | .3209745 | 191.6176 |
| #3 | .0070799 | .0073505 | 147.5996 | .1050037 | .1348379 | .3175970 | 190.0209 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.28287 | 36.87373 | .2980779 | -.011471 | 2.015290 | .1532270 | .6305182 |
| Stddev | .05376 | .17231 | .0008245 | .000402 | .115760 | .0034866 | .0086716 |
| %RSD | .4377116 | .4673089 | .2766051 | 3.500597 | 5.744066 | 2.275465 | 1.375321 |
| #1 | 12.31350 | 36.97319 | .2985823 | -.011719 | 2.009277 | .1494717 | .6404479 |
| #2 | 12.31432 | 36.97324 | .2971264 | -.011008 | 1.902654 | .1563616 | .6244364 |
| #3 | 12.22079 | 36.67476 | .2985249 | -.011687 | 2.133938 | .1538477 | .6266702 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.602849 | 9.359611 | -.037726 | .0029716 | .7826051 | 7.464388 | .0289754 |
| Stddev | .206044 | .021062 | .004238 | .0001826 | .0011436 | .038282 | .0014913 |
| %RSD | 2.395067 | .2250303 | 11.23474 | 6.146062 | .1461254 | .5128650 | 5.146908 |
| #1 | 8.667907 | 9.358616 | -.036625 | .0028943 | .7819377 | 7.445976 | .0292039 |
| #2 | 8.768512 | 9.381152 | -.042406 | .0028404 | .7839255 | 7.508398 | .0303393 |
| #3 | 8.372129 | 9.339064 | -.034147 | .0031802 | .7819520 | 7.438791 | .0273830 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-10 Acquired: 12/13/2024 22:49:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHG1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6134243 | -.005469 | .0808901 |
| Stddev | .0023219 | .000147 | .0021370 |
| %RSD | .3785155 | 2.687841 | 2.641844 |
| | | | |
| #1 | .6142580 | -.005637 | .0801279 |
| #2 | .6152142 | -.005368 | .0792387 |
| #3 | .6108006 | -.005401 | .0833037 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3397.777 | 38063.74 | 3399.050 | 2789.499 | 2981.060 |
| Stddev | 3.605 | 301.29 | 18.617 | 21.526 | 5.277 |
| %RSD | .1061116 | .7915418 | .5477056 | .7716952 | .1770141 |
| | | | | | |
| #1 | 3401.940 | 37719.59 | 3396.144 | 2764.712 | 2984.711 |
| #2 | 3395.687 | 38191.68 | 3382.056 | 2803.500 | 2975.010 |
| #3 | 3395.704 | 38279.95 | 3418.948 | 2800.285 | 2983.460 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-14 Acquired: 12/13/2024 22:52:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.351766 | .0122703 | 9.384959 | .0071722 | .0399410 | 68.77234 | 2.876025 |
| Stddev | .007853 | .0028324 | .007605 | .0025730 | .0015440 | .38919 | .016506 |
| %RSD | .5809536 | 23.08323 | .0810320 | 35.87555 | 3.865661 | .5659039 | .5739132 |
| #1 | 1.345686 | .0092036 | 9.376588 | .0064907 | .0413611 | 68.76732 | 2.876291 |
| #2 | 1.348980 | .0128193 | 9.386849 | .0050085 | .0382975 | 68.38569 | 2.859387 |
| #3 | 1.360632 | .0147879 | 9.391441 | .0100174 | .0401646 | 69.16401 | 2.892396 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0064879 | .0110350 | 126.5731 | .2119873 | .1222869 | .7289045 | 181.2312 |
| Stddev | .0000709 | .0001298 | .6605 | .0005650 | .0004331 | .0039581 | .7750 |
| %RSD | 1.092878 | 1.176331 | .5218515 | .2665363 | .3541673 | .5430187 | .4276353 |
| #1 | .0064714 | .0109463 | 126.6081 | .2113714 | .1219733 | .7304133 | 181.2933 |
| #2 | .0065656 | .0111840 | 125.8957 | .2124817 | .1227810 | .7244139 | 180.4270 |
| #3 | .0064267 | .0109748 | 127.2154 | .2121087 | .1221063 | .7318862 | 181.9733 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.872565 | 47.66885 | .2006051 | -.009424 | 3.087498 | .2076464 | 5.056394 |
| Stddev | .037111 | .34351 | .0003567 | .000234 | .460855 | .0036245 | .014968 |
| %RSD | .4714011 | .7206172 | .1778000 | 2.480053 | 14.92648 | 1.745508 | .2960262 |
| #1 | 7.882793 | 47.59468 | .2002130 | -.009183 | 2.678978 | .2115026 | 5.050083 |
| #2 | 7.831412 | 47.36848 | .2009103 | -.009438 | 2.996428 | .2043098 | 5.045615 |
| #3 | 7.903490 | 48.04338 | .2006919 | -.009650 | 3.587090 | .2071267 | 5.073484 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.284649 | 9.775400 | -.022253 | .0093717 | 5.770582 | 10.03241 | .2143762 |
| Stddev | .026313 | .007387 | .001152 | .0001210 | .019113 | .01799 | .0013094 |
| %RSD | .4979208 | .0755623 | 5.176135 | 1.290705 | .3312068 | .1793157 | .6107803 |
| #1 | 5.291352 | 9.770850 | -.023116 | .0094206 | 5.752151 | 10.04812 | .2155569 |
| #2 | 5.306962 | 9.771426 | -.022699 | .0094606 | 5.769285 | 10.03632 | .2129680 |
| #3 | 5.255632 | 9.783922 | -.020945 | .0092340 | 5.790310 | 10.01278 | .2146037 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-14 Acquired: 12/13/2024 22:52:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.626238 | .1710977 | .0495393 |
| Stddev | .013762 | .0012826 | .0019343 |
| %RSD | .5240110 | .7496541 | 3.904603 |
| | | | |
| #1 | 2.631474 | .1708943 | .0479254 |
| #2 | 2.610627 | .1699290 | .0490091 |
| #3 | 2.636614 | .1724700 | .0516834 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2601.196 | 29123.57 | 2591.981 | 2130.755 | 3077.715 |
| Stddev | 7.985 | 118.53 | 13.005 | 3.586 | 3.419 |
| %RSD | .3069647 | .4069803 | .5017241 | .1683032 | .1110861 |
| | | | | | |
| #1 | 2592.069 | 29064.85 | 2579.669 | 2130.263 | 3074.185 |
| #2 | 2606.894 | 29259.99 | 2605.582 | 2134.562 | 3081.011 |
| #3 | 2604.623 | 29045.86 | 2590.692 | 2127.440 | 3077.950 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-15 Acquired: 12/13/2024 22:56:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.795953 | .0143022 | 10.73929 | .0070278 | .0438447 | 63.05239 |
| Stddev | .000707 | .0024121 | .03280 | .0040820 | .0008485 | .54865 |
| %RSD | .0393654 | 16.86537 | .3054031 | 58.08340 | 1.935269 | .8701432 |
| #1 | 1.795366 | .0127530 | 10.71074 | .0054387 | .0441563 | 62.48387 |
| #2 | 1.795754 | .0170813 | 10.77511 | .0039794 | .0428845 | 63.09458 |
| #3 | 1.796738 | .0130722 | 10.73200 | .0116654 | .0444934 | 63.57872 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.453152 | .0062343 | .0119273 | 165.5472 | .2148249 | .1025546 |
| Stddev | .036577 | .0001830 | .0001885 | 1.5254 | .0013052 | .0005129 |
| %RSD | .8213755 | 2.935477 | 1.580220 | .9214007 | .6075518 | .5001419 |
| #1 | 4.413393 | .0063343 | .0119142 | 164.0769 | .2154306 | .1020828 |
| #2 | 4.460690 | .0060231 | .0121219 | 165.4423 | .2133269 | .1031005 |
| #3 | 4.485372 | .0063455 | .0117457 | 167.1222 | .2157171 | .1024805 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7012913 | 184.6592 | 9.041995 | 40.91663 | .1725434 | -.009786 |
| Stddev | .0169039 | 2.0561 | .094340 | .29981 | .0007642 | .000488 |
| %RSD | 2.410394 | 1.113449 | 1.043359 | .7327429 | .4429243 | 4.982804 |
| #1 | .6868983 | 182.3977 | 8.945008 | 40.61875 | .1718919 | -.010325 |
| #2 | .7199059 | 185.1641 | 9.047531 | 40.91280 | .1733847 | -.009375 |
| #3 | .6970698 | 186.4157 | 9.133445 | 41.21834 | .1723538 | -.009657 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.558169 | .1693698 | 4.478641 | 4.070415 | F 14.80747 | -.014714 |
| Stddev | .795494 | .0096354 | .036227 | .142172 | .04334 | .002716 |
| %RSD | 22.35683 | 5.688966 | .8088741 | 3.492812 | .2927206 | 18.45964 |
| #1 | 4.190663 | .1667295 | 4.454603 | 3.912279 | 14.77094 | -.014870 |
| #2 | 3.818787 | .1800501 | 4.461012 | 4.187662 | 14.85536 | -.011923 |
| #3 | 2.665056 | .1613298 | 4.520308 | 4.111303 | 14.79610 | -.017349 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-15 Acquired: 12/13/2024 22:56:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK6 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074665 | 5.469264 | 10.31886 | .4798858 | 1.911480 | .3275783 |
| Stddev | .0004455 | .010017 | .08776 | .0013638 | .014124 | .0027065 |
| %RSD | 5.967227 | .1831429 | .8505012 | .2842001 | .7389017 | .8262218 |
| #1 | .0069715 | 5.458745 | 10.22373 | .4792510 | 1.895885 | .3248008 |
| #2 | .0078353 | 5.478689 | 10.33618 | .4814513 | 1.915145 | .3277263 |
| #3 | .0075928 | 5.470358 | 10.39667 | .4789550 | 1.923410 | .3302078 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0460033 |
| Stddev | .0037652 |
| %RSD | 8.184666 |
| #1 | .0421303 |
| #2 | .0496506 |
| #3 | .0462291 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2592.284 | 28968.61 | 2549.452 | 2118.225 | 3053.999 |
| Stddev | 11.369 | 192.13 | 24.409 | 18.849 | 10.360 |
| %RSD | .4385825 | .6632341 | .9574335 | .8898552 | .3392169 |
| #1 | 2593.419 | 29051.28 | 2577.636 | 2134.729 | 3054.695 |
| #2 | 2580.390 | 29105.57 | 2535.106 | 2122.261 | 3043.309 |
| #3 | 2603.044 | 28748.98 | 2535.615 | 2097.684 | 3063.993 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-16 Acquired: 12/13/2024 23:00:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9512216 | .0108522 | 5.282267 | .0055568 | .0516240 | 70.55193 | 4.234152 |
| Stddev | .0016369 | .0023108 | .039660 | .0018839 | .0016860 | .38740 | .021731 |
| %RSD | .1720861 | 21.29345 | .7508206 | 33.90227 | 3.265969 | .5490983 | .5132267 |
| #1 | .9528202 | .0111860 | 5.260668 | .0063843 | .0504183 | 70.59361 | 4.241352 |
| #2 | .9495489 | .0129780 | 5.258095 | .0068854 | .0509031 | 70.91680 | 4.251370 |
| #3 | .9512957 | .0083926 | 5.328039 | .0034008 | .0535506 | 70.14538 | 4.209735 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0075008 | .0102127 | 198.9382 | .1779613 | .0884096 | .7209759 | 239.2162 |
| Stddev | .0001440 | .0001903 | 1.4103 | .0023643 | .0011279 | .0061636 | 1.1697 |
| %RSD | 1.919716 | 1.863586 | .7088938 | 1.328566 | 1.275801 | .8548999 | .4889595 |
| #1 | .0076081 | .0102341 | 199.2627 | .1787032 | .0886337 | .7275338 | 239.6045 |
| #2 | .0075571 | .0100126 | 200.1579 | .1798658 | .0871864 | .7200919 | 240.1423 |
| #3 | .0073371 | .0103915 | 197.3939 | .1753150 | .0894086 | .7153020 | 237.9017 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.317671 | 32.84936 | .1769340 | -.014535 | 4.174324 | .1839721 | 3.507043 |
| Stddev | .035157 | .23225 | .0009456 | .000086 | .193085 | .0033942 | .049448 |
| %RSD | .4804432 | .7070248 | .5344176 | .5919014 | 4.625535 | 1.844955 | 1.409972 |
| #1 | 7.333656 | 32.83143 | .1763734 | -.014576 | 4.050942 | .1870331 | 3.485072 |
| #2 | 7.341995 | 33.09006 | .1764029 | -.014593 | 4.075191 | .1803219 | 3.563669 |
| #3 | 7.277361 | 32.62660 | .1780257 | -.014436 | 4.396840 | .1845615 | 3.472387 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.761386 | 8.689432 | .0214484 | .0095035 | 7.989003 | 9.264736 | .1708188 |
| Stddev | .013138 | .084733 | .0023597 | .0002119 | .068861 | .084790 | .0004656 |
| %RSD | .2759319 | .9751234 | 11.00186 | 2.229368 | .8619476 | .9151898 | .2725918 |
| #1 | 4.775113 | 8.648884 | .0231361 | .0094050 | 7.951486 | 9.358878 | .1703147 |
| #2 | 4.760118 | 8.632592 | .0187520 | .0093589 | 7.947047 | 9.240954 | .1712328 |
| #3 | 4.748928 | 8.786819 | .0224571 | .0097467 | 8.068475 | 9.194377 | .1709088 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-16 Acquired: 12/13/2024 23:00:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.036059 | .6731075 | .0447913 |
| Stddev | .009271 | .0041300 | .0037034 |
| %RSD | .4553488 | .6135700 | 8.268145 |
| | | | |
| #1 | 2.033889 | .6743589 | .0407613 |
| #2 | 2.046223 | .6764670 | .0480451 |
| #3 | 2.028066 | .6684965 | .0455674 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2550.744 | 28291.06 | 2540.652 | 2070.078 | 3033.980 |
| Stddev | 13.534 | 285.02 | 16.830 | 19.290 | 23.813 |
| %RSD | .5306010 | 1.007455 | .6624250 | .9318390 | .7848863 |
| | | | | | |
| #1 | 2554.083 | 28375.74 | 2528.309 | 2072.236 | 3045.603 |
| #2 | 2562.297 | 27973.30 | 2533.825 | 2049.800 | 3049.750 |
| #3 | 2535.853 | 28524.15 | 2559.823 | 2088.199 | 3006.587 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-17 Acquired: 12/13/2024 23:04:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7094409 | .0136573 | 5.488737 | .0081432 | .0390254 | 65.30691 |
| Stddev | .0045159 | .0005719 | .010217 | .0076795 | .0016861 | .63095 |
| %RSD | .6365483 | 4.187607 | .1861471 | 94.30516 | 4.320466 | .9661244 |
| #1 | .7093411 | .0142765 | 5.496476 | .0095252 | .0408707 | 65.02226 |
| #2 | .7140060 | .0131489 | 5.477156 | -.000133 | .0386405 | 64.86843 |
| #3 | .7049758 | .0135466 | 5.492580 | .015038 | .0375651 | 66.03003 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.013380 | .0078731 | .0105294 | 108.3734 | .2017690 | .0911028 |
| Stddev | .025362 | .0001280 | .0001257 | 1.0128 | .0010228 | .0003244 |
| %RSD | .8416397 | 1.625402 | 1.193775 | .9345166 | .5069175 | .3560799 |
| #1 | 3.002850 | .0077291 | .0106217 | 107.8416 | .2022634 | .0914628 |
| #2 | 2.994980 | .0079161 | .0105801 | 107.7373 | .2005929 | .0910122 |
| #3 | 3.042311 | .0079740 | .0103862 | 109.5413 | .2024507 | .0908333 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9350101 | 183.1333 | 9.604339 | 25.15321 | .1606829 | -.005479 |
| Stddev | .0032771 | 1.8971 | .103780 | .20896 | .0007822 | .000619 |
| %RSD | .3504848 | 1.035889 | 1.080551 | .8307359 | .4867801 | 11.29989 |
| #1 | .9382087 | 181.8500 | 9.536771 | 25.09140 | .1599317 | -.005925 |
| #2 | .9351618 | 182.2376 | 9.552413 | 24.98213 | .1606244 | -.004772 |
| #3 | .9316598 | 185.3124 | 9.723833 | 25.38610 | .1614928 | -.005739 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.473617 | .1974126 | 3.819348 | 4.553595 | F 14.60468 | .0004387 |
| Stddev | .752768 | .0015875 | .030589 | .126835 | .03804 | .0017848 |
| %RSD | 21.67101 | .8041468 | .8009087 | 2.785377 | .2604360 | 406.8247 |
| #1 | 2.604454 | .1990946 | 3.785040 | 4.585650 | 14.64013 | .0006367 |
| #2 | 3.899493 | .1972027 | 3.843777 | 4.413809 | 14.56450 | -.001437 |
| #3 | 3.916904 | .1959405 | 3.829228 | 4.661328 | 14.60941 | .002116 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-17 Acquired: 12/13/2024 23:04:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK8 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0078980 | 3.938483 | 8.946486 | .4490218 | 1.559375 | .4375739 |
| Stddev | .0008214 | .009907 | .069100 | .0015670 | .012851 | .0032966 |
| %RSD | 10.40062 | .2515497 | .7723686 | .3489886 | .8241084 | .7533812 |
| | | | | | | |
| #1 | .0088293 | 3.949855 | 8.923828 | .4508092 | 1.551506 | .4365453 |
| #2 | .0075885 | 3.931720 | 8.891560 | .4483718 | 1.552415 | .4349142 |
| #3 | .0072763 | 3.933874 | 9.024070 | .4478844 | 1.574205 | .4412621 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0627328 |
| Stddev | .0064828 |
| %RSD | 10.33397 |
| | |
| #1 | .0554559 |
| #2 | .0648508 |
| #3 | .0678917 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2590.226 | 28850.20 | 2525.469 | 2110.019 | 3059.443 |
| Stddev | 6.205 | 143.41 | 29.173 | 14.165 | 6.664 |
| %RSD | .2395594 | .4970830 | 1.155153 | .6713042 | .2178143 |
| | | | | | |
| #1 | 2589.298 | 28945.24 | 2538.508 | 2122.001 | 3059.290 |
| #2 | 2596.843 | 28920.12 | 2545.848 | 2113.670 | 3066.182 |
| #3 | 2584.537 | 28685.24 | 2492.051 | 2094.386 | 3052.857 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-18 Acquired: 12/13/2024 23:08:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6682069 | .0247023 | 6.052620 | .0205778 | .0519548 | 96.63663 |
| Stddev | .0025553 | .0030841 | .024562 | .0034393 | .0047149 | .29216 |
| %RSD | .3824120 | 12.48501 | .4058144 | 16.71382 | 9.074992 | .3023252 |
| #1 | .6708466 | .0219295 | 6.074179 | .0244440 | .0567307 | 96.46608 |
| #2 | .6657453 | .0241535 | 6.057799 | .0178583 | .0473034 | 96.46984 |
| #3 | .6680290 | .0280240 | 6.025880 | .0194311 | .0518305 | 96.97397 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.168128 | .0085908 | .0134276 | 143.0156 | .2025610 | .1452717 |
| Stddev | .008503 | .0000983 | .0000704 | .2775 | .0034420 | .0008640 |
| %RSD | .2684025 | 1.144214 | .5245955 | .1940020 | 1.699215 | .5947707 |
| #1 | 3.163265 | .0086110 | .0134963 | 142.9625 | .2064932 | .1462593 |
| #2 | 3.163173 | .0086774 | .0134309 | 142.7685 | .2000945 | .1446553 |
| #3 | 3.177947 | .0084839 | .0133555 | 143.3158 | .2010953 | .1449005 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6578169 | 261.4206 | 19.03191 | 33.78081 | .2348731 | -.008846 |
| Stddev | .0039009 | .6093 | .04865 | .11840 | .0019108 | .000619 |
| %RSD | .5930033 | .2330552 | .2556006 | .3504939 | .8135481 | 6.998104 |
| #1 | .6536080 | 261.4701 | 19.00635 | 33.90190 | .2370794 | -.009156 |
| #2 | .6613109 | 260.7882 | 19.00138 | 33.77522 | .2337868 | -.008133 |
| #3 | .6585319 | 262.0036 | 19.08801 | 33.66530 | .2337530 | -.009248 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.981189 | .2562852 | 3.586894 | 8.726040 | F 30.84630 | -.044123 |
| Stddev | .301817 | .0062419 | .041678 | .248243 | .13824 | .001711 |
| %RSD | 10.12405 | 2.435514 | 1.161950 | 2.844852 | .4481577 | 3.876764 |
| #1 | 2.636300 | .2552589 | 3.627079 | 8.587973 | 30.98739 | -.043353 |
| #2 | 3.110248 | .2629765 | 3.589735 | 8.577525 | 30.84040 | -.046083 |
| #3 | 3.197019 | .2506200 | 3.543868 | 9.012623 | 30.71110 | -.042932 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-18 Acquired: 12/13/2024 23:08:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK9 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0076659 | 4.335868 | 6.934223 | .7679621 | 2.318735 | .4291631 |
| Stddev | .0004920 | .017078 | .039389 | .0029524 | .009260 | .0010498 |
| %RSD | 6.418006 | .3938680 | .5680305 | .3844403 | .3993372 | .2446155 |
| #1 | .0080618 | 4.351695 | 6.945237 | .7713035 | 2.318908 | .4303124 |
| #2 | .0078207 | 4.338141 | 6.890500 | .7668771 | 2.309391 | .4282546 |
| #3 | .0071151 | 4.317768 | 6.966932 | .7657058 | 2.327907 | .4289222 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .1330499 |
| Stddev | .0029017 |
| %RSD | 2.180943 |
| #1 | .1356846 |
| #2 | .1335253 |
| #3 | .1299399 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2766.226 | 30780.45 | 2722.162 | 2243.994 | 2938.371 |
| Stddev | 19.600 | 252.29 | 15.673 | 15.459 | 23.759 |
| %RSD | .7085421 | .8196486 | .5757448 | .6889137 | .8085774 |
| #1 | 2745.359 | 30506.69 | 2730.863 | 2226.901 | 2913.793 |
| #2 | 2769.072 | 30831.06 | 2731.554 | 2248.083 | 2940.104 |
| #3 | 2784.247 | 31003.60 | 2704.069 | 2256.997 | 2961.217 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-19 Acquired: 12/13/2024 23:11:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2912719 | .0330947 | 1.670083 | .0253049 | .0443701 | 93.12129 |
| Stddev | .0017680 | .0041096 | .021801 | .0022682 | .0005856 | .24234 |
| %RSD | .6069777 | 12.41758 | 1.305366 | 8.963465 | 1.319886 | .2602388 |
| #1 | .2923179 | .0350107 | 1.678257 | .0262594 | .0446622 | 93.06349 |
| #2 | .2922670 | .0358964 | 1.686614 | .0227154 | .0436958 | 92.91307 |
| #3 | .2892306 | .0283770 | 1.645376 | .0269398 | .0447521 | 93.38730 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.595079 | .0071726 | .0080449 | 62.05272 | .1306596 | .1430003 |
| Stddev | .003417 | .0000987 | .0001474 | .14016 | .0011079 | .0018692 |
| %RSD | .2142148 | 1.376332 | 1.831583 | .2258650 | .8479135 | 1.307123 |
| #1 | 1.592541 | .0072340 | .0080357 | 61.97543 | .1294843 | .1434009 |
| #2 | 1.593732 | .0070587 | .0081967 | 61.96823 | .1308097 | .1446367 |
| #3 | 1.598964 | .0072251 | .0079024 | 62.21451 | .1316848 | .1409633 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2720634 | 229.8896 | 25.74347 | 23.15102 | .1793760 | -.011091 |
| Stddev | .0056222 | .3163 | .04773 | .07447 | .0022725 | .000625 |
| %RSD | 2.066489 | .1375830 | .1853901 | .3216716 | 1.266887 | 5.636009 |
| #1 | .2674078 | 229.5464 | 25.69533 | 23.07603 | .1797153 | -.011736 |
| #2 | .2783095 | 229.9529 | 25.74430 | 23.15205 | .1814599 | -.011049 |
| #3 | .2704728 | 230.1694 | 25.79077 | 23.22496 | .1769530 | -.010488 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.966414 | .2250291 | 1.015613 | 5.889171 | F 14.36622 | -.061060 |
| Stddev | .461523 | .0062651 | .012821 | .073864 | .21106 | .003240 |
| %RSD | 23.47029 | 2.784107 | 1.262422 | 1.254227 | 1.469155 | 5.306996 |
| #1 | 1.496778 | .2183458 | 1.002920 | 5.968910 | 14.43876 | -.059903 |
| #2 | 1.983091 | .2307688 | 1.028559 | 5.823089 | 14.53145 | -.058557 |
| #3 | 2.419372 | .2259727 | 1.015359 | 5.875513 | 14.12846 | -.064720 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-19 Acquired: 12/13/2024 23:11:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060855 | 2.022825 | 7.507855 | .1267516 | 1.714578 | .1080940 |
| Stddev | .0001504 | .027355 | .029191 | .0009250 | .000281 | .0003611 |
| %RSD | 2.471409 | 1.352310 | .3888045 | .7298095 | .0163742 | .3340436 |
| #1 | .0059409 | 2.027633 | 7.513276 | .1274622 | 1.714900 | .1083383 |
| #2 | .0062411 | 2.047458 | 7.476334 | .1270870 | 1.714388 | .1076792 |
| #3 | .0060746 | 1.993385 | 7.533956 | .1257056 | 1.714445 | .1082644 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0894115 |
| Stddev | .0034561 |
| %RSD | 3.865377 |
| #1 | .0907980 |
| #2 | .0854775 |
| #3 | .0919591 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2784.168 | 31072.60 | 2743.226 | 2274.600 | 3006.610 |
| Stddev | 36.110 | 163.97 | 4.375 | 12.498 | 46.471 |
| %RSD | 1.296990 | .5277114 | .1594952 | .5494771 | 1.545627 |
| #1 | 2775.487 | 31208.99 | 2739.025 | 2288.341 | 2997.521 |
| #2 | 2753.189 | 30890.67 | 2742.896 | 2263.908 | 2965.354 |
| #3 | 2823.827 | 31118.15 | 2747.757 | 2271.550 | 3056.953 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-20 Acquired: 12/13/2024 23:15:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2510052 | .0068469 | 5.074671 | .0138818 | .0334633 | 73.65085 | 1.376317 |
| Stddev | .0048852 | .0017249 | .005342 | .0002148 | .0005657 | .68577 | .010198 |
| %RSD | 1.946247 | 25.19245 | .1052762 | 1.547259 | 1.690418 | .9311152 | .7409731 |
| #1 | .2541706 | .0069417 | 5.069125 | .0136406 | .0340011 | 73.72979 | 1.376592 |
| #2 | .2534660 | .0085224 | 5.079784 | .0139522 | .0335156 | 72.92903 | 1.365985 |
| #3 | .2453790 | .0050766 | 5.075104 | .0140525 | .0328734 | 74.29374 | 1.386376 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0061810 | .0093355 | 37.94756 | .4087152 | .0899061 | .4563970 | 144.1285 |
| Stddev | .0000832 | .0000356 | .29777 | .0037636 | .0009482 | .0113072 | 1.7586 |
| %RSD | 1.346102 | .3816293 | .7846987 | .9208302 | 1.054635 | 2.477496 | 1.220191 |
| #1 | .0060878 | .0093548 | 37.98386 | .4082877 | .0892029 | .4657369 | 144.4352 |
| #2 | .0062077 | .0093574 | 37.63329 | .4126744 | .0909845 | .4438259 | 142.2366 |
| #3 | .0062476 | .0092944 | 38.22551 | .4051837 | .0895310 | .4596281 | 145.7136 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.513695 | 20.80497 | .2254018 | -.006533 | 2.200990 | .1713491 | 1.986975 |
| Stddev | .086990 | .18778 | .0006195 | .000996 | .325728 | .0044304 | .012325 |
| %RSD | 1.021761 | .9025600 | .2748469 | 15.24763 | 14.79918 | 2.585612 | .6202849 |
| #1 | 8.532390 | 20.81465 | .2259412 | -.005909 | 2.387879 | .1671673 | 1.997643 |
| #2 | 8.418878 | 20.61253 | .2247252 | -.007681 | 1.824874 | .1708879 | 1.973483 |
| #3 | 8.589818 | 20.98771 | .2255391 | -.006007 | 2.390218 | .1759921 | 1.989800 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.355125 | 9.985021 | -.026353 | .0062235 | 3.155750 | 8.471885 | .1762275 |
| Stddev | .110083 | .012934 | .000727 | .0004772 | .004731 | .078724 | .0015723 |
| %RSD | 8.123423 | .1295292 | 2.760570 | 7.668456 | .1499067 | .9292336 | .8922186 |
| #1 | 1.292206 | 9.972292 | -.025513 | .0060237 | 3.160119 | 8.466899 | .1758764 |
| #2 | 1.290933 | 9.984621 | -.026747 | .0058786 | 3.156406 | 8.395773 | .1748603 |
| #3 | 1.482235 | 9.998150 | -.026798 | .0067681 | 3.150726 | 8.552983 | .1779457 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-20 Acquired: 12/13/2024 23:15:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.304065 | -.017109 | .0507699 |
| Stddev | .015336 | .000439 | .0025732 |
| %RSD | 1.176027 | 2.568099 | 5.068304 |
| | | | |
| #1 | 1.302210 | -.017498 | .0487320 |
| #2 | 1.289741 | -.016632 | .0499162 |
| #3 | 1.320244 | -.017195 | .0536614 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2592.667 | 28837.82 | 2550.655 | 2111.467 | 3063.456 |
| Stddev | 6.499 | 163.77 | 26.546 | 12.167 | 8.237 |
| %RSD | .2506734 | .5679041 | 1.040765 | .5762292 | .2688918 |
| | | | | | |
| #1 | 2599.871 | 28925.96 | 2558.178 | 2121.877 | 3070.173 |
| #2 | 2587.244 | 28648.86 | 2572.628 | 2098.091 | 3054.265 |
| #3 | 2590.886 | 28938.64 | 2521.159 | 2114.431 | 3065.929 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-21 Acquired: 12/13/2024 23:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2386170 | .0090451 | 5.201434 | .0175323 | .0351884 | 78.99103 |
| Stddev | .0027574 | .0024790 | .004558 | .0007589 | .0006382 | .16094 |
| %RSD | 1.155591 | 27.40685 | .0876258 | 4.328779 | 1.813752 | .2037396 |
| #1 | .2388877 | .0100068 | 5.200565 | .0172378 | .0359084 | 79.00950 |
| #2 | .2357343 | .0062293 | 5.206364 | .0169647 | .0346921 | 78.82166 |
| #3 | .2412292 | .0108990 | 5.197374 | .0183943 | .0349648 | 79.14194 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.448781 | .0066215 | .0103224 | 35.49738 | .3814580 | .0934069 |
| Stddev | .003382 | .0000915 | .0000307 | .06830 | .0024434 | .0004039 |
| %RSD | .2334521 | 1.381765 | .2975812 | .1924126 | .6405518 | .4323718 |
| #1 | 1.452611 | .0065879 | .0103211 | 35.54605 | .3790117 | .0929950 |
| #2 | 1.446204 | .0065516 | .0102924 | 35.52679 | .3838986 | .0938022 |
| #3 | 1.447529 | .0067250 | .0103538 | 35.41930 | .3814637 | .0934235 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4382008 | 161.4328 | 9.464192 | 20.85032 | .2369083 | -.006778 |
| Stddev | .0007926 | .0285 | .008030 | .07001 | .0010269 | .000812 |
| %RSD | .1808673 | .0176352 | .0848451 | .3357645 | .4334632 | 11.97470 |
| #1 | .4381552 | 161.4029 | 9.473098 | 20.78998 | .2366797 | -.007132 |
| #2 | .4374321 | 161.4357 | 9.457506 | 20.83391 | .2380303 | -.007352 |
| #3 | .4390152 | 161.4596 | 9.461970 | 20.92708 | .2360150 | -.005849 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.110770 | .1967776 | 1.932302 | 1.066860 | F 10.02977 | -.037748 |
| Stddev | .350722 | .0057655 | .017794 | .046349 | .00080 | .002017 |
| %RSD | 16.61582 | 2.929941 | .9208815 | 4.344417 | .0080067 | 5.342125 |
| #1 | 2.140696 | .2019272 | 1.928677 | 1.108451 | 10.03061 | -.036850 |
| #2 | 1.746044 | .1978568 | 1.951630 | 1.075235 | 10.02901 | -.036336 |
| #3 | 2.445570 | .1905488 | 1.916600 | 1.016895 | 10.02971 | -.040058 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-21 Acquired: 12/13/2024 23:19:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL2 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0061473 | 2.655521 | 9.236097 | .1880060 | 1.289658 | -.035540 |
| Stddev | .0001431 | .003541 | .084949 | .0002622 | .004252 | .000222 |
| %RSD | 2.328545 | .1333383 | .9197504 | .1394597 | .3297337 | .6255493 |
| #1 | .0059834 | 2.652572 | 9.234741 | .1877572 | 1.291605 | -.035765 |
| #2 | .0062475 | 2.659448 | 9.151834 | .1882798 | 1.284781 | -.035321 |
| #3 | .0062111 | 2.654542 | 9.321716 | .1879809 | 1.292589 | -.035533 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0540736 |
| Stddev | .0023372 |
| %RSD | 4.322312 |
| #1 | .0529026 |
| #2 | .0525533 |
| #3 | .0567648 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2652.821 | 29718.84 | 2602.826 | 2183.978 | 3116.181 |
| Stddev | 10.446 | 197.56 | 10.365 | 11.901 | 9.307 |
| %RSD | .3937618 | .6647528 | .3982107 | .5449076 | .2986625 |
| #1 | 2655.066 | 29669.53 | 2593.491 | 2188.662 | 3116.774 |
| #2 | 2641.436 | 29550.61 | 2613.980 | 2170.448 | 3106.591 |
| #3 | 2661.962 | 29936.38 | 2601.007 | 2192.824 | 3125.176 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV013 Acquired: 12/13/2024 23:27:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.056497 | 5.250369 | 24.64022 | 4.746287 | 4.802508 | 378.1120 | 9.863752 |
| Stddev | .015471 | .040082 | .24751 | .049670 | .045826 | 10.9100 | .283258 |
| %RSD | .3059633 | .7634079 | 1.004496 | 1.046494 | .9542020 | 2.885379 | 2.871702 |
| #1 | 5.062867 | 5.274480 | 24.82372 | 4.789161 | 4.829485 | 388.7317 | 10.14064 |
| #2 | 5.067765 | 5.272526 | 24.73823 | 4.757843 | 4.828442 | 366.9333 | 9.57453 |
| #3 | 5.038858 | 5.204100 | 24.35872 | 4.691859 | 4.749597 | 378.6709 | 9.87609 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4843936 | 2.449726 | 398.2550 | 15.18995 | 2.367229 | 14.99473 | 390.9599 |
| Stddev | .0138752 | .023961 | 11.3158 | .23167 | .025274 | .40900 | 10.9551 |
| %RSD | 2.864446 | .9780984 | 2.841339 | 1.525155 | 1.067665 | 2.727608 | 2.802114 |
| #1 | .4957667 | 2.467913 | 409.3221 | 15.45222 | 2.386078 | 15.40999 | 401.7185 |
| #2 | .4689341 | 2.458690 | 386.7059 | 15.10441 | 2.377100 | 14.59230 | 379.8183 |
| #3 | .4884801 | 2.422576 | 398.7371 | 15.01321 | 2.338509 | 14.98191 | 391.3429 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.96445 | 375.4596 | 2.457667 | 1.295597 | 377.9961 | 2.494265 | 13.99100 |
| Stddev | .41481 | 10.5776 | .028131 | .015147 | 10.9877 | .070170 | .29028 |
| %RSD | 2.771950 | 2.817237 | 1.144604 | 1.169130 | 2.906838 | 2.813272 | 2.074752 |
| #1 | 15.38078 | 386.3367 | 2.475805 | 1.313087 | 389.1800 | 2.560400 | 14.32354 |
| #2 | 14.55119 | 365.2094 | 2.471935 | 1.286878 | 367.2156 | 2.420657 | 13.86111 |
| #3 | 14.96136 | 374.8328 | 2.425262 | 1.286825 | 377.5927 | 2.501738 | 13.78834 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 142.3921 | 4.875371 | 4.676270 | 4.856183 | 4.805111 | 4.937665 | 4.960530 |
| Stddev | 4.2361 | .054150 | .130548 | .045025 | .050723 | .142671 | .059236 |
| %RSD | 2.974974 | 1.110677 | 2.791708 | .9271740 | 1.055604 | 2.889433 | 1.194147 |
| #1 | 146.5063 | 4.919110 | 4.788128 | 4.884789 | 4.837613 | 5.055833 | 5.000535 |
| #2 | 138.0437 | 4.892197 | 4.532827 | 4.879476 | 4.831057 | 4.779172 | 4.988575 |
| #3 | 142.6263 | 4.814806 | 4.707854 | 4.804282 | 4.746664 | 4.977990 | 4.892479 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV013 Acquired: 12/13/2024 23:27:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.059184 | 4.694053 | 5.115730 |
| Stddev | .145921 | .130457 | .134594 |
| %RSD | 2.884285 | 2.779196 | 2.630991 |
| | | | |
| #1 | 5.200784 | 4.824711 | 5.248706 |
| #2 | 4.909295 | 4.563798 | 4.979573 |
| #3 | 5.067473 | 4.693651 | 5.118912 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1944.777 | 23666.10 | 2255.532 | 1631.059 | 2593.723 |
| Stddev | 13.283 | 294.94 | 56.709 | 23.374 | 21.034 |
| %RSD | .6829963 | 1.246246 | 2.514239 | 1.433085 | .8109395 |
| | | | | | |
| #1 | 1936.121 | 23366.53 | 2208.218 | 1604.732 | 2577.709 |
| #2 | 1938.139 | 23675.60 | 2318.393 | 1639.069 | 2585.916 |
| #3 | 1960.070 | 23956.18 | 2239.984 | 1649.375 | 2617.544 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB013 Acquired: 12/13/2024 23:35:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0024772 | .0005189 | .0057614 | -.001802 | .0020482 | -.005157 |
| Stddev | .0006794 | .0007304 | .0022381 | .000615 | .0019845 | .012261 |
| %RSD | 27.42518 | 140.7587 | 38.84678 | 34.10071 | 96.88927 | 237.7449 |
| | | | | | | |
| #1 | .0017308 | -.000032 | .0076216 | -.001093 | .0018385 | .008152 |
| #2 | .0030595 | .000241 | .0063850 | -.002149 | .0041293 | -.015992 |
| #3 | .0026414 | .001347 | .0032776 | -.002165 | .0001769 | -.007632 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000356 | -.000035 | -.000082 | .0269601 | -.001003 | .0003739 |
| Stddev | .000252 | .000081 | .000020 | .0293760 | .000345 | .0004661 |
| %RSD | 70.82928 | 233.1841 | 24.90715 | 108.9609 | 34.37536 | 124.6629 |
| | | | | | | |
| #1 | -.000182 | -.000102 | -.000059 | .0567916 | -.000830 | .0000790 |
| #2 | -.000645 | .000055 | -.000093 | -.001938 | -.001399 | .0009112 |
| #3 | -.000240 | -.000057 | -.000095 | .026027 | -.000778 | .0001314 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005707 | .0024633 | .0024627 | .0141942 | -.000407 | .0011259 |
| Stddev | .0022191 | .0559798 | .0015725 | .1118597 | .000066 | .0002648 |
| %RSD | 388.8626 | 2272.583 | 63.85303 | 788.0692 | 16.25625 | 23.51891 |
| | | | | | | |
| #1 | .0011738 | -.029076 | .0026011 | .1321061 | -.000438 | .0008206 |
| #2 | .0024258 | .067097 | .0039614 | -.090426 | -.000331 | .0012633 |
| #3 | -.001888 | -.030631 | .0008255 | .000902 | -.000451 | .0012937 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.599106 | .0003231 | .0041126 | -.123604 | -.002860 | -.002799 |
| Stddev | .608974 | .0051145 | .0050735 | .048360 | .001413 | .001719 |
| %RSD | 38.08214 | 1583.039 | 123.3639 | 39.12478 | 49.39692 | 61.41232 |
| | | | | | | |
| #1 | 2.021589 | .0056601 | .0072982 | -.166751 | -.001462 | -.004562 |
| #2 | 1.874672 | -.004535 | -.001738 | -.071332 | -.002830 | -.002709 |
| #3 | .901059 | -.000156 | .006778 | -.132728 | -.004286 | -.001127 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB013 Acquired: 12/13/2024 23:35:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000089 | -.003245 | -.038766 | .0003059 | -.000749 | -.000179 |
| Stddev | .000179 | .001973 | .000451 | .0006942 | .003874 | .000128 |
| %RSD | 201.8976 | 60.81283 | 1.163513 | 226.9197 | 517.4484 | 71.23538 |
| #1 | .000111 | -.005508 | -.038306 | .0007269 | -.003529 | -.000136 |
| #2 | -.000143 | -.001883 | -.039207 | -.000495 | .003676 | -.000323 |
| #3 | -.000234 | -.002344 | -.038785 | .000686 | -.002392 | -.000079 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | F -.031663 |
| Stddev | .002262 |
| %RSD | 7.145136 |
| #1 | -.031234 |
| #2 | -.034109 |
| #3 | -.029646 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2364.716 | 25937.99 | 2264.083 | 1921.503 | 3271.525 |
| Stddev | 5.462 | 23.60 | 11.324 | 4.442 | 7.039 |
| %RSD | .2309969 | .0909907 | .5001420 | .2311848 | .2151540 |
| #1 | 2362.197 | 25951.85 | 2253.143 | 1918.253 | 3266.643 |
| #2 | 2360.967 | 25910.74 | 2263.350 | 1919.691 | 3268.338 |
| #3 | 2370.983 | 25951.38 | 2275.755 | 1926.565 | 3279.594 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-22 Acquired: 12/13/2024 23:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1451714 | .0176189 | 5.389375 | .0113633 | .0237455 | 59.28397 | 2.007611 |
| Stddev | .0019703 | .0041974 | .016534 | .0026961 | .0006820 | .09541 | .004602 |
| %RSD | 1.357216 | 23.82339 | .3067796 | 23.72629 | 2.871982 | .1609370 | .2292524 |
| #1 | .1428978 | .0128537 | 5.370365 | .0084519 | .0231207 | 59.26857 | 2.011084 |
| #2 | .1462345 | .0192346 | 5.397356 | .0137738 | .0236427 | 59.38615 | 2.009358 |
| #3 | .1463817 | .0207684 | 5.400403 | .0118643 | .0244730 | 59.19720 | 2.002391 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0048530 | .0102327 | 53.85734 | .2114798 | .0837863 | .4189454 | 120.3134 |
| Stddev | .0001152 | .0000126 | .08250 | .0015075 | .0002443 | .0073002 | .4419 |
| %RSD | 2.373776 | .1232968 | .1531770 | .7128478 | .2915496 | 1.742511 | .3673269 |
| #1 | .0049120 | .0102432 | 53.91179 | .2117920 | .0840568 | .4241070 | 120.2658 |
| #2 | .0049267 | .0102187 | 53.89781 | .2098406 | .0837202 | .4105931 | 120.7773 |
| #3 | .0047202 | .0102363 | 53.76242 | .2128068 | .0835819 | .4221362 | 119.8972 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.14736 | 16.04683 | .1758115 | -.000485 | 2.254936 | .1355859 | 1.621746 |
| Stddev | .03565 | .03790 | .0008904 | .000711 | .322902 | .0056598 | .013011 |
| %RSD | .2934619 | .2361791 | .5064634 | 146.7375 | 14.31979 | 4.174327 | .8022929 |
| #1 | 12.15639 | 16.04173 | .1748985 | -.000563 | 1.897175 | .1316499 | 1.616559 |
| #2 | 12.17763 | 16.08702 | .1758585 | -.001153 | 2.342875 | .1330357 | 1.636551 |
| #3 | 12.10807 | 16.01174 | .1766775 | .000262 | 2.524760 | .1420721 | 1.612128 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.132894 | 8.912987 | -.031949 | .0068912 | 2.004093 | 10.36437 | .1728457 |
| Stddev | .207671 | .020081 | .002375 | .0002811 | .003713 | .03331 | .0011635 |
| %RSD | 18.33100 | .2252974 | 7.432963 | 4.078730 | .1852528 | .3214320 | .6731628 |
| #1 | 1.372612 | 8.890229 | -.034690 | .0071150 | 2.003875 | 10.36946 | .1720296 |
| #2 | 1.007687 | 8.928212 | -.030527 | .0065758 | 2.000494 | 10.32881 | .1723294 |
| #3 | 1.018382 | 8.920520 | -.030629 | .0069830 | 2.007910 | 10.39485 | .1741780 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4914-22 Acquired: 12/13/2024 23:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.103328 | .0955658 | .0406406 |
| Stddev | .002602 | .0003563 | .0038318 |
| %RSD | .2358248 | .3727770 | 9.428431 |
| | | | |
| #1 | 1.102838 | .0959646 | .0418888 |
| #2 | 1.106140 | .0954538 | .0436927 |
| #3 | 1.101005 | .0952791 | .0363404 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2636.009 | 29352.35 | 2593.239 | 2158.608 | 3138.834 |
| Stddev | .969 | 58.60 | 3.941 | 1.181 | 2.123 |
| %RSD | .0367734 | .1996360 | .1519633 | .0546910 | .0676235 |
| | | | | | |
| #1 | 2635.826 | 29306.11 | 2588.724 | 2157.329 | 3140.874 |
| #2 | 2635.144 | 29332.69 | 2595.989 | 2158.840 | 3136.638 |
| #3 | 2637.057 | 29418.25 | 2595.003 | 2159.656 | 3138.991 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5007-10A Acquired: 12/13/2024 23:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ7A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1709949 | .0041674 | .3381221 | .0065185 | .0265574 | 70.43699 | .7243873 |
| Stddev | .0046876 | .0018727 | .0010393 | .0031193 | .0006783 | .11053 | .0013762 |
| %RSD | 2.741398 | 44.93564 | .3073661 | 47.85325 | 2.553996 | .1569154 | .1899783 |
| #1 | .1695291 | .0054646 | .3374936 | .0052833 | .0257851 | 70.47841 | .7246609 |
| #2 | .1762403 | .0050171 | .3375511 | .0042059 | .0270562 | 70.52083 | .7256061 |
| #3 | .1672152 | .0020206 | .3393217 | .0100662 | .0268311 | 70.31174 | .7228949 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060499 | .0042134 | 44.87085 | .0905801 | .0683971 | .1642985 | 139.8034 |
| Stddev | .0000976 | .0001166 | .19406 | .0005876 | .0003115 | .0029678 | .4973 |
| %RSD | 1.613470 | 2.766324 | .4324790 | .6487210 | .4554437 | 1.806344 | .3557116 |
| #1 | .0059521 | .0043352 | 44.96267 | .0900032 | .0683740 | .1611311 | 140.2718 |
| #2 | .0060503 | .0041029 | 45.00196 | .0911778 | .0687195 | .1647495 | 139.8570 |
| #3 | .0061474 | .0042021 | 44.64793 | .0905593 | .0680978 | .1670150 | 139.2815 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.761545 | 19.49460 | .1037458 | -.008315 | 1.977227 | .1675503 | .3779023 |
| Stddev | .010984 | .13343 | .0007431 | .000380 | .192238 | .0031650 | .0005489 |
| %RSD | .2919944 | .6844597 | .7162733 | 4.566089 | 9.722624 | 1.888997 | .1452362 |
| #1 | 3.770438 | 19.64773 | .1035224 | -.008661 | 1.756076 | .1690765 | .3782409 |
| #2 | 3.764930 | 19.43283 | .1031400 | -.008374 | 2.071225 | .1639114 | .3781970 |
| #3 | 3.749267 | 19.40325 | .1045750 | -.007909 | 2.104379 | .1696631 | .3772691 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.141249 | 7.424464 | -.042878 | .0017118 | 2.037225 | 9.617163 | .0320109 |
| Stddev | .067882 | .021000 | .001213 | .0000733 | .002330 | .049301 | .0012349 |
| %RSD | 3.170218 | .2828471 | 2.828545 | 4.279048 | .1143562 | .5126396 | 3.857855 |
| #1 | 2.219461 | 7.438343 | -.041956 | .0016718 | 2.039699 | 9.666467 | .0329827 |
| #2 | 2.106629 | 7.400304 | -.044252 | .0016674 | 2.036901 | 9.617157 | .0306213 |
| #3 | 2.097656 | 7.434744 | -.042427 | .0017964 | 2.035074 | 9.567864 | .0324289 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5007-10A Acquired: 12/13/2024 23:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ7A Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .9971507 | -.038462 | .0568375 |
| Stddev | .0046428 | .000089 | .0048100 |
| %RSD | .4656116 | .2314114 | 8.462680 |
| | | | |
| #1 | 1.001909 | -.038363 | .0609877 |
| #2 | .992632 | -.038486 | .0515659 |
| #3 | .996911 | -.038536 | .0579589 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2797.778 | 31220.70 | 2751.634 | 2294.517 | 3091.486 |
| Stddev | 6.634 | 56.10 | 10.741 | 8.541 | 6.746 |
| %RSD | .2371028 | .1796953 | .3903676 | .3722173 | .2182066 |
| | | | | | |
| #1 | 2803.466 | 31208.61 | 2742.694 | 2290.818 | 3094.510 |
| #2 | 2799.377 | 31171.62 | 2748.659 | 2288.450 | 3096.191 |
| #3 | 2790.491 | 31281.86 | 2763.550 | 2304.284 | 3083.757 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5007-15DLX2 Acquired: 12/13/2024 23:46:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK00 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0146335 | .0270631 | .0700221 | -.028847 | -.002100 | 21.50141 | .1802130 |
| Stddev | .0016436 | .0015815 | .0012592 | .003735 | .000971 | .87455 | .0071173 |
| %RSD | 11.23192 | 5.843766 | 1.798251 | 12.94582 | 46.22805 | 4.067397 | 3.949402 |
| #1 | .0137566 | .0277319 | .0698442 | -.030214 | -.002714 | 21.11671 | .1780225 |
| #2 | .0165296 | .0252571 | .0713608 | -.024622 | -.000981 | 22.50237 | .1881681 |
| #3 | .0136143 | .0282003 | .0688614 | -.031706 | -.002607 | 20.88516 | .1744483 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021498 | .0012911 | 494.2664 | .0356649 | .0555942 | .1168035 | 60.07520 |
| Stddev | .0000744 | .0001443 | 18.4956 | .0004865 | .0007237 | .0097166 | 2.49480 |
| %RSD | 3.458612 | 11.17714 | 3.742033 | 1.364075 | 1.301681 | 8.318777 | 4.152795 |
| #1 | .0020670 | .0013736 | 486.5245 | .0351134 | .0563819 | .1270535 | 58.72993 |
| #2 | .0022109 | .0011245 | 515.3750 | .0360331 | .0554419 | .1156300 | 62.95390 |
| #3 | .0021715 | .0013753 | 480.8998 | .0358484 | .0549588 | .1077269 | 58.54177 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.028858 | 92.09914 | .0600581 | -.002584 | 1.705548 | .0526001 | .1649691 |
| Stddev | .112191 | 3.76587 | .0008839 | .000755 | .107628 | .0079455 | .0026360 |
| %RSD | 3.704081 | 4.088931 | 1.471822 | 29.21316 | 6.310442 | 15.10553 | 1.597878 |
| #1 | 2.972239 | 90.03019 | .0610296 | -.003386 | 1.673920 | .0477815 | .1646453 |
| #2 | 3.158077 | 96.44592 | .0598431 | -.001888 | 1.617278 | .0482480 | .1625100 |
| #3 | 2.956259 | 89.82131 | .0593014 | -.002477 | 1.825446 | .0617709 | .1677521 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.392296 | 2.169122 | -.010078 | .0001849 | .4511272 | 5.338359 | .0096247 |
| Stddev | .449481 | .014846 | .002971 | .0001680 | .0055052 | .201028 | .0009247 |
| %RSD | 32.28341 | .6844351 | 29.48170 | 90.86480 | 1.220332 | 3.765735 | 9.607856 |
| #1 | 1.316295 | 2.186252 | -.013502 | .0003402 | .4541194 | 5.249102 | .0103124 |
| #2 | 1.874932 | 2.159986 | -.008188 | .0000065 | .4447739 | 5.568561 | .0099884 |
| #3 | .985661 | 2.161128 | -.008543 | .0002080 | .4544884 | 5.197415 | .0085735 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5007-15DLX2 Acquired: 12/13/2024 23:46:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK00 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .3776492 | .3378604 | .0201488 |
| Stddev | .0140932 | .0136939 | .0020094 |
| %RSD | 3.731816 | 4.053114 | 9.972575 |
| | | | |
| #1 | .3742627 | .3315036 | .0202688 |
| #2 | .3931271 | .3535773 | .0180821 |
| #3 | .3655579 | .3285002 | .0220954 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2369.462 | 26193.01 | 2407.544 | 1916.910 | 2841.592 |
| Stddev | 10.380 | 201.20 | 88.689 | 15.096 | 16.130 |
| %RSD | .4380535 | .7681502 | 3.683805 | .7875365 | .5676338 |
| | | | | | |
| #1 | 2357.480 | 26424.67 | 2438.989 | 1931.655 | 2823.874 |
| #2 | 2375.222 | 26092.48 | 2307.416 | 1917.590 | 2855.424 |
| #3 | 2375.684 | 26061.89 | 2476.226 | 1901.485 | 2845.478 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5014-12A Acquired: 12/13/2024 23:50:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY0A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2454185 | .0125027 | 2.006429 | .0495029 | .0258826 | 75.62284 |
| Stddev | .0011328 | .0049201 | .002188 | .0029053 | .0011692 | .20475 |
| %RSD | .4615590 | 39.35205 | .1090444 | 5.868967 | 4.517281 | .2707492 |
| #1 | .2444734 | .0177723 | 2.008800 | .0496799 | .0260788 | 75.79147 |
| #2 | .2451080 | .0080293 | 2.004488 | .0465132 | .0246278 | 75.39502 |
| #3 | .2466741 | .0117065 | 2.005998 | .0523157 | .0269413 | 75.68202 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.239493 | .0072550 | .0070874 | 89.24093 | .1310058 | .0982622 |
| Stddev | .005506 | .0001156 | .0000529 | .31822 | .0030074 | .0003840 |
| %RSD | .4441924 | 1.593819 | .7458397 | .3565887 | 2.295619 | .3908096 |
| #1 | 1.245752 | .0071582 | .0070264 | 89.55876 | .1280533 | .0986848 |
| #2 | 1.235397 | .0073831 | .0071151 | 88.92231 | .1340652 | .0981672 |
| #3 | 1.237330 | .0072238 | .0071205 | 89.24173 | .1308988 | .0979346 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3721144 | 136.9556 | 5.455828 | 33.88276 | .2060627 | -.005992 |
| Stddev | .0066555 | .3374 | .004293 | .13175 | .0005031 | .000414 |
| %RSD | 1.788574 | .2463256 | .0786792 | .3888426 | .2441475 | 6.904372 |
| #1 | .3726499 | 136.9243 | 5.459919 | 33.79759 | .2064192 | -.006233 |
| #2 | .3784860 | 136.6350 | 5.451359 | 33.81618 | .2062816 | -.005514 |
| #3 | .3652073 | 137.3075 | 5.456205 | 34.03451 | .2054872 | -.006228 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.248414 | .2010733 | 1.772876 | 6.216607 | F 14.07425 | -.010414 |
| Stddev | .565041 | .0082966 | .026959 | .067316 | .02798 | .001317 |
| %RSD | 25.13066 | 4.126159 | 1.520614 | 1.082842 | .1987745 | 12.64963 |
| #1 | 2.874487 | .2106528 | 1.742039 | 6.168898 | 14.09553 | -.010290 |
| #2 | 1.776329 | .1963749 | 1.791980 | 6.187316 | 14.04256 | -.009163 |
| #3 | 2.094427 | .1961920 | 1.784609 | 6.293606 | 14.08465 | -.011789 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5014-12A Acquired: 12/13/2024 23:50:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY0A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054029 | 4.551084 | 9.724530 | .1520727 | 1.216811 | .0990924 |
| Stddev | .0001600 | .016199 | .048656 | .0016623 | .004155 | .0006444 |
| %RSD | 2.961898 | .3559308 | .5003477 | 1.093087 | .3414572 | .6503489 |
| #1 | .0054947 | 4.569760 | 9.779243 | .1537984 | 1.221149 | .0984023 |
| #2 | .0052182 | 4.542645 | 9.708234 | .1504821 | 1.212868 | .0996786 |
| #3 | .0054960 | 4.540847 | 9.686114 | .1519375 | 1.216417 | .0991964 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0987252 |
| Stddev | .0031086 |
| %RSD | 3.148706 |
| #1 | .0952292 |
| #2 | .1011779 |
| #3 | .0997686 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2698.535 | 30186.40 | 2682.070 | 2210.873 | 3028.463 |
| Stddev | 8.650 | 511.72 | 5.517 | 31.967 | 6.993 |
| %RSD | .3205595 | 1.695189 | .2056957 | 1.445882 | .2309017 |
| #1 | 2697.124 | 30742.62 | 2675.775 | 2246.826 | 3024.275 |
| #2 | 2707.804 | 29735.62 | 2686.061 | 2185.657 | 3036.536 |
| #3 | 2690.676 | 30080.95 | 2684.376 | 2200.135 | 3024.578 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-17A Acquired: 12/13/2024 23:54:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ6A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3447877 | .0281174 | 4.486022 | .0079321 | .0393497 | 77.04428 |
| Stddev | .0053491 | .0020410 | .043975 | .0011802 | .0016660 | 1.61751 |
| %RSD | 1.551409 | 7.258916 | .9802677 | 14.87905 | 4.233756 | 2.099456 |
| #1 | .3389281 | .0303258 | 4.450514 | .0085183 | .0385000 | 75.18623 |
| #2 | .3494090 | .0277257 | 4.472342 | .0087045 | .0412692 | 77.80876 |
| #3 | .3460260 | .0263006 | 4.535212 | .0065735 | .0382799 | 78.13786 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.534317 | .0081393 | .0128639 | 221.6323 | .1374481 | .1309181 |
| Stddev | .050357 | .0001362 | .0002175 | 4.3710 | .0011749 | .0013354 |
| %RSD | 1.987000 | 1.673653 | 1.690733 | 1.972195 | .8547894 | 1.020061 |
| #1 | 2.476579 | .0079839 | .0130843 | 216.5983 | .1387779 | .1298546 |
| #2 | 2.557223 | .0082384 | .0126495 | 223.8325 | .1370158 | .1304829 |
| #3 | 2.569148 | .0081955 | .0128580 | 224.4660 | .1365506 | .1324169 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5176388 | 220.3168 | 13.61094 | 48.83839 | .3027076 | -.011646 |
| Stddev | .0093339 | 4.4166 | .25200 | .91068 | .0019124 | .000928 |
| %RSD | 1.803165 | 2.004669 | 1.851479 | 1.864680 | .6317571 | 7.972836 |
| #1 | .5093312 | 215.2492 | 13.32334 | 47.81737 | .3014616 | -.011711 |
| #2 | .5158462 | 222.3546 | 13.71644 | 49.13105 | .3017518 | -.010686 |
| #3 | .5277389 | 223.3466 | 13.79305 | 49.56677 | .3049095 | -.012540 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.761809 | .1936271 | 1.724315 | 3.364232 | F 14.07354 | -.048687 |
| Stddev | .302213 | .0091087 | .006920 | .202203 | .12415 | .002518 |
| %RSD | 10.94259 | 4.704248 | .4013375 | 6.010386 | .8821591 | 5.171564 |
| #1 | 2.413178 | .1847536 | 1.721468 | 3.132957 | 13.96040 | -.051591 |
| #2 | 2.949364 | .1931737 | 1.719271 | 3.507620 | 14.05386 | -.047103 |
| #3 | 2.922883 | .2029541 | 1.732204 | 3.452119 | 14.20635 | -.047368 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-17A Acquired: 12/13/2024 23:54:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ6A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049116 | 5.019441 | 10.94571 | .2292216 | .9485413 | .1819733 |
| Stddev | .0003170 | .043414 | .15099 | .0031833 | .0186819 | .0032497 |
| %RSD | 6.455016 | .8649100 | 1.379452 | 1.388741 | 1.969536 | 1.785804 |
| | | | | | | |
| #1 | .0045888 | 4.981305 | 10.77234 | .2268761 | .9287061 | .1783062 |
| #2 | .0052226 | 5.010332 | 11.04842 | .2279433 | .9511148 | .1831178 |
| #3 | .0049235 | 5.066687 | 11.01636 | .2328453 | .9658030 | .1844959 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0840493 |
| Stddev | .0047954 |
| %RSD | 5.705455 |
| | |
| #1 | .0829259 |
| #2 | .0799153 |
| #3 | .0893066 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2758.050 | 30788.54 | 2765.301 | 2250.245 | 2884.759 |
| Stddev | 7.916 | 100.33 | 46.500 | 6.611 | 16.020 |
| %RSD | .2870052 | .3258612 | 1.681540 | .2937721 | .5553164 |
| | | | | | |
| #1 | 2760.089 | 30866.93 | 2818.913 | 2257.010 | 2895.713 |
| #2 | 2764.747 | 30823.21 | 2741.047 | 2249.925 | 2892.192 |
| #3 | 2749.314 | 30675.47 | 2735.942 | 2243.800 | 2866.374 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16A Acquired: 12/13/2024 23:58:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0414151 | .0338161 | .3845879 | .0160785 | .0968672 | 25.70675 |
| Stddev | .0023310 | .0006260 | .0037474 | .0037018 | .0011775 | .11721 |
| %RSD | 5.628281 | 1.851088 | .9743962 | 23.02347 | 1.215577 | .4559594 |
| #1 | .0410273 | .0330933 | .3854523 | .0149671 | .0962212 | 25.82858 |
| #2 | .0393023 | .0341693 | .3804838 | .0130597 | .0961540 | 25.59478 |
| #3 | .0439156 | .0341855 | .3878276 | .0202087 | .0982263 | 25.69690 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1550312 | .0031784 | .0044767 | F 1078.157 | .0538552 | .0796141 |
| Stddev | .0012040 | .0001228 | .0001017 | 3.936 | .0008130 | .0004097 |
| %RSD | .7765830 | 3.863258 | 2.272055 | .3650659 | 1.509661 | .5146434 |
| #1 | .1560360 | .0030577 | .0044234 | 1082.330 | .0546587 | .0793246 |
| #2 | .1536968 | .0031745 | .0045940 | 1074.512 | .0530330 | .0794348 |
| #3 | .1553610 | .0033032 | .0044127 | 1077.627 | .0538740 | .0800829 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1087196 | 88.93500 | 5.897480 | 568.2908 | .1021830 | .0135843 |
| Stddev | .0153068 | .53071 | .035871 | 3.1908 | .0002218 | .0008712 |
| %RSD | 14.07914 | .5967408 | .6082386 | .5614738 | .2170462 | 6.413170 |
| #1 | .1053140 | 89.17794 | 5.918208 | 570.7511 | .1022796 | .0140232 |
| #2 | .1254423 | 88.32630 | 5.856060 | 564.6855 | .1023401 | .0141488 |
| #3 | .0954024 | 89.30075 | 5.918173 | 569.4359 | .1019293 | .0125810 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.542645 | .0591047 | 1.883419 | 7.251063 | 3.667584 | .1038279 |
| Stddev | .276090 | .0030076 | .018228 | .050150 | .016716 | .0033698 |
| %RSD | 7.793335 | 5.088546 | .9677969 | .6916181 | .4557731 | 3.245587 |
| #1 | 3.341083 | .0579120 | 1.868558 | 7.243869 | 3.653581 | .1011883 |
| #2 | 3.429520 | .0625257 | 1.877941 | 7.204899 | 3.663081 | .1076236 |
| #3 | 3.857331 | .0568764 | 1.903757 | 7.304422 | 3.686090 | .1026716 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4940-16A Acquired: 12/13/2024 23:58:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000741 | 17.27032 | 9.814491 | .0348451 | .2393251 | .4564962 |
| Stddev | .000081 | .09663 | .045335 | .0008934 | .0023864 | .0023544 |
| %RSD | 10.90652 | .5595120 | .4619171 | 2.563899 | .9971281 | .5157536 |
| #1 | -.000759 | 17.18572 | 9.853262 | .0344423 | .2398456 | .4580574 |
| #2 | -.000652 | 17.24960 | 9.825568 | .0358689 | .2367215 | .4537881 |
| #3 | -.000811 | 17.37562 | 9.764645 | .0342240 | .2414083 | .4576430 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0793087 |
| Stddev | .0024099 |
| %RSD | 3.038679 |
| #1 | .0791157 |
| #2 | .0770011 |
| #3 | .0818094 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2217.044 | 25119.28 | 2318.539 | 1807.128 | 2500.534 |
| Stddev | 4.005 | 114.74 | 13.761 | 8.410 | 7.265 |
| %RSD | .1806678 | .4567633 | .5935139 | .4653769 | .2905270 |
| #1 | 2216.400 | 25035.97 | 2303.049 | 1799.935 | 2498.954 |
| #2 | 2221.333 | 25250.15 | 2329.351 | 1816.374 | 2508.459 |
| #3 | 2213.400 | 25071.73 | 2323.217 | 1805.073 | 2494.190 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15A Acquired: 12/14/2024 0:01:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0238483 | .0419432 | .4724413 | .0018549 | .0865169 | 13.06957 |
| Stddev | .0036843 | .0049863 | .0031583 | .0009002 | .0021544 | .02222 |
| %RSD | 15.44887 | 11.88822 | .6685052 | 48.52888 | 2.490135 | .1700484 |
| #1 | .0280777 | .0476435 | .4760195 | .0026937 | .0879954 | 13.09159 |
| #2 | .0213360 | .0397959 | .4712625 | .0019672 | .0875103 | 13.06998 |
| #3 | .0221311 | .0383904 | .4700419 | .0009039 | .0840451 | 13.04715 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1780736 | .0017971 | .0063521 | F 2177.465 | .0491882 | .0695546 |
| Stddev | .0013828 | .0000742 | .0002410 | 15.146 | .0003288 | .0005667 |
| %RSD | .7765461 | 4.125931 | 3.794106 | .6956015 | .6684286 | .8146995 |
| #1 | .1793950 | .0018646 | .0062873 | 2173.015 | .0488087 | .0691822 |
| #2 | .1766366 | .0018089 | .0061501 | 2165.042 | .0493670 | .0702067 |
| #3 | .1781890 | .0017178 | .0066188 | 2194.338 | .0493888 | .0692749 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0948790 | 64.18390 | 6.906331 | 557.7605 | .1058018 | .0157334 |
| Stddev | .0069344 | .14256 | .021184 | .5382 | .0012899 | .0004311 |
| %RSD | 7.308692 | .2221144 | .3067336 | .0964920 | 1.219148 | 2.739789 |
| #1 | .0875986 | 64.31234 | 6.930489 | 557.9010 | .1055611 | .0154281 |
| #2 | .1014059 | 64.20885 | 6.897579 | 557.1660 | .1071951 | .0155456 |
| #3 | .0956325 | 64.03051 | 6.890925 | 558.2145 | .1046492 | .0162265 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.519580 | .0414616 | 1.071239 | 2.832891 | 5.141541 | .0676186 |
| Stddev | .292354 | .0052951 | .015459 | .082833 | .012911 | .0022637 |
| %RSD | 11.60329 | 12.77120 | 1.443096 | 2.923978 | .2511208 | 3.347760 |
| #1 | 2.855863 | .0470962 | 1.088645 | 2.802920 | 5.130022 | .0683178 |
| #2 | 2.377050 | .0407001 | 1.059108 | 2.769216 | 5.139103 | .0694502 |
| #3 | 2.325826 | .0365884 | 1.065964 | 2.926538 | 5.155497 | .0650878 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-15A Acquired: 12/14/2024 0:01:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0011619 | 17.01731 | 7.403276 | .0344585 | .1987785 | 1.101073 |
| Stddev | .0001986 | .05278 | .055051 | .0014711 | .0041613 | .001000 |
| %RSD | 17.09593 | .3101611 | .7436060 | 4.269231 | 2.093420 | .0907850 |
| #1 | .0011372 | 16.95964 | 7.365857 | .0327998 | .1942844 | 1.102096 |
| #2 | .0009767 | 17.02905 | 7.377483 | .0356050 | .1995529 | 1.100099 |
| #3 | .0013717 | 17.06323 | 7.466488 | .0349709 | .2024981 | 1.101024 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0712745 |
| Stddev | .0055788 |
| %RSD | 7.827258 |
| #1 | .0656603 |
| #2 | .0768173 |
| #3 | .0713458 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2148.568 | 24530.59 | 2315.593 | 1755.190 | 2372.463 |
| Stddev | 9.737 | 93.49 | 12.939 | 14.608 | 9.433 |
| %RSD | .4531646 | .3810998 | .5587951 | .8322799 | .3975961 |
| #1 | 2151.372 | 24425.00 | 2314.348 | 1738.757 | 2374.394 |
| #2 | 2156.595 | 24563.93 | 2329.110 | 1766.702 | 2380.782 |
| #3 | 2137.738 | 24602.83 | 2303.321 | 1760.111 | 2362.215 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01A Acquired: 12/14/2024 0:05:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0461175 | .0363982 | 1.133402 | .0145712 | .0945336 | 20.21834 |
| Stddev | .0051985 | .0014958 | .003234 | .0026371 | .0010159 | .07114 |
| %RSD | 11.27219 | 4.109445 | .2853377 | 18.09790 | 1.074686 | .3518626 |
| #1 | .0409385 | .0380455 | 1.130208 | .0121864 | .0955975 | 20.17492 |
| #2 | .0513352 | .0360242 | 1.136675 | .0174034 | .0935735 | 20.30044 |
| #3 | .0460787 | .0351249 | 1.133325 | .0141239 | .0944299 | 20.17966 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2796149 | .0022773 | .0082366 | F 1212.714 | .0756148 | .0706432 |
| Stddev | .0009003 | .0001622 | .0000317 | 11.073 | .0002400 | .0010593 |
| %RSD | .3219758 | 7.123221 | .3851718 | .9130776 | .3173873 | 1.499471 |
| #1 | .2786302 | .0021187 | .0082029 | 1208.689 | .0756938 | .0695575 |
| #2 | .2803959 | .0024429 | .0082409 | 1204.217 | .0758053 | .0706982 |
| #3 | .2798188 | .0022704 | .0082659 | 1225.237 | .0753452 | .0716739 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1918646 | 87.58416 | 8.142053 | 634.5571 | .1432804 | .0145367 |
| Stddev | .0039062 | .07368 | .009150 | 1.0325 | .0005340 | .0009957 |
| %RSD | 2.035922 | .0841304 | .1123758 | .1627185 | .3727106 | 6.849624 |
| #1 | .1873724 | 87.64384 | 8.144349 | 634.3419 | .1431897 | .0153566 |
| #2 | .1937592 | 87.50180 | 8.131975 | 635.6803 | .1427975 | .0148248 |
| #3 | .1944622 | 87.60683 | 8.149837 | 633.6492 | .1438540 | .0134287 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.353959 | .0616882 | 4.168981 | 2.702092 | 4.636257 | .0553855 |
| Stddev | .430541 | .0073453 | .017772 | .171620 | .030785 | .0027732 |
| %RSD | 18.29008 | 11.90707 | .4262826 | 6.351378 | .6640121 | 5.007160 |
| #1 | 2.544356 | .0695935 | 4.148606 | 2.722512 | 4.603933 | .0584517 |
| #2 | 2.656476 | .0603970 | 4.177051 | 2.521176 | 4.639609 | .0546524 |
| #3 | 1.861046 | .0550742 | 4.181285 | 2.862589 | 4.665230 | .0530525 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4964-01A Acquired: 12/14/2024 0:05:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021582 | 12.44087 | 8.091003 | .0636751 | .3769887 | .3874835 |
| Stddev | .0005373 | .06810 | .017325 | .0007301 | .0068792 | .0009055 |
| %RSD | 24.89501 | .5473680 | .2141224 | 1.146658 | 1.824775 | .2336776 |
| | | | | | | |
| #1 | .0018734 | 12.36719 | 8.072043 | .0639184 | .3784447 | .3866217 |
| #2 | .0027779 | 12.45394 | 8.094957 | .0628544 | .3830233 | .3884271 |
| #3 | .0018233 | 12.50149 | 8.106009 | .0642525 | .3694980 | .3874018 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0409491 |
| Stddev | .0030034 |
| %RSD | 7.334549 |
| | |
| #1 | .0376394 |
| #2 | .0435011 |
| #3 | .0417069 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2191.693 | 25121.39 | 2345.293 | 1804.721 | 2496.331 |
| Stddev | 3.090 | 53.05 | 5.087 | 5.871 | 6.179 |
| %RSD | .1409986 | .2111692 | .2169191 | .3252930 | .2475201 |
| | | | | | |
| #1 | 2195.175 | 25175.17 | 2350.001 | 1810.356 | 2503.353 |
| #2 | 2189.277 | 25119.90 | 2345.981 | 1798.640 | 2491.726 |
| #3 | 2190.626 | 25069.10 | 2339.896 | 1805.167 | 2493.914 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18A Acquired: 12/14/2024 0:09:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1126757 | .0356886 | 1.194113 | .0213013 | .0988300 | 56.81503 |
| Stddev | .0055004 | .0013261 | .001347 | .0029593 | .0033869 | .87914 |
| %RSD | 4.881582 | 3.715823 | .1127837 | 13.89264 | 3.426966 | 1.547378 |
| | | | | | | |
| #1 | .1158902 | .0362928 | 1.193713 | .0246980 | .0952555 | 56.41677 |
| #2 | .1063246 | .0341680 | 1.193011 | .0192802 | .0992432 | 56.20549 |
| #3 | .1158123 | .0366050 | 1.195614 | .0199255 | .1019913 | 57.82282 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6629834 | .0046223 | .0050640 | F 1176.243 | .0865425 | .1208020 |
| Stddev | .0106634 | .0001677 | .0000707 | 25.705 | .0036617 | .0013146 |
| %RSD | 1.608401 | 3.627353 | 1.395374 | 2.185330 | 4.231055 | 1.088254 |
| | | | | | | |
| #1 | .6567358 | .0044383 | .0051333 | 1167.357 | .0823232 | .1220242 |
| #2 | .6569184 | .0047664 | .0050667 | 1156.160 | .0884166 | .1194112 |
| #3 | .6752961 | .0046623 | .0049920 | 1205.211 | .0888878 | .1209706 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4065512 | 143.3026 | 12.97108 | 29.82638 | .1735085 | .0070542 |
| Stddev | .0111524 | 2.0119 | .20643 | .56150 | .0003821 | .0001618 |
| %RSD | 2.743177 | 1.403971 | 1.591483 | 1.882556 | .2202128 | 2.293291 |
| | | | | | | |
| #1 | .4065532 | 142.3960 | 12.87514 | 29.56579 | .1731641 | .0070927 |
| #2 | .3953978 | 141.9035 | 12.83008 | 29.44253 | .1734417 | .0068767 |
| #3 | .4177027 | 145.6083 | 13.20803 | 30.47083 | .1739195 | .0071933 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.094668 | .1261053 | 1.836275 | 3.663785 | 7.472531 | -.021423 |
| Stddev | .413169 | .0051650 | .053825 | .094033 | .005701 | .001604 |
| %RSD | 19.72481 | 4.095804 | 2.931187 | 2.566566 | .0762875 | 7.487618 |
| | | | | | | |
| #1 | 2.562053 | .1236622 | 1.783763 | 3.618315 | 7.466080 | -.020447 |
| #2 | 1.943873 | .1226150 | 1.833739 | 3.601129 | 7.476889 | -.020547 |
| #3 | 1.778077 | .1320386 | 1.891323 | 3.771911 | 7.474625 | -.023274 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4981-18A Acquired: 12/14/2024 0:09:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9A Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002538 | 1.359768 | 8.856029 | .0369857 | .9180231 | .5851015 |
| Stddev | .0001673 | .008995 | .146099 | .0020102 | .0197077 | .0094614 |
| %RSD | 65.89900 | .6615294 | 1.649715 | 5.435032 | 2.146759 | 1.617056 |
| | | | | | | |
| #1 | .0000614 | 1.367103 | 8.731360 | .0359608 | .9031616 | .5806386 |
| #2 | .0003351 | 1.362470 | 8.819934 | .0356945 | .9105292 | .5786969 |
| #3 | .0003649 | 1.349732 | 9.016792 | .0393018 | .9403786 | .5959689 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0762227 |
| Stddev | .0040578 |
| %RSD | 5.323619 |
| | |
| #1 | .0718661 |
| #2 | .0798946 |
| #3 | .0769074 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2542.195 | 29177.80 | 2680.613 | 2128.937 | 2677.943 |
| Stddev | 4.041 | 959.18 | 38.451 | 68.565 | 4.949 |
| %RSD | .1589686 | 3.287376 | 1.434397 | 3.220622 | .1847997 |
| | | | | | |
| #1 | 2546.560 | 30209.47 | 2699.914 | 2202.392 | 2679.404 |
| #2 | 2538.583 | 29010.93 | 2705.589 | 2117.794 | 2672.429 |
| #3 | 2541.444 | 28313.00 | 2636.335 | 2066.627 | 2681.998 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-10A Acquired: 12/14/2024 0:13:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2A Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0398767 | .0139602 | .2363641 | .0370907 | .1256976 | 129.3958 | 1.878980 |
| Stddev | .0052106 | .0056244 | .0037255 | .0006417 | .0024498 | 1.9698 | .029742 |
| %RSD | 13.06666 | 40.28906 | 1.576172 | 1.730072 | 1.948950 | 1.522306 | 1.582878 |
| | | | | | | | |
| #1 | .0386204 | .0075261 | .2357145 | .0364560 | .1265358 | 129.8079 | 1.884753 |
| #2 | .0456006 | .0164121 | .2330062 | .0377392 | .1229387 | 127.2525 | 1.846775 |
| #3 | .0354092 | .0179425 | .2403717 | .0370767 | .1276182 | 131.1269 | 1.905412 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0111290 | .0094991 | 742.4774 | .1798180 | .1451259 | .2842948 | 256.9516 |
| Stddev | .0001043 | .0001699 | 11.2604 | .0017302 | .0020909 | .0063036 | 4.6998 |
| %RSD | .9368228 | 1.789025 | 1.516593 | .9621985 | 1.440727 | 2.217289 | 1.829078 |
| | | | | | | | |
| #1 | .0110939 | .0095652 | 744.5000 | .1803181 | .1462419 | .2821067 | 257.6654 |
| #2 | .0110469 | .0093061 | 730.3427 | .1812430 | .1427139 | .2914010 | 251.9357 |
| #3 | .0112463 | .0096261 | 752.5893 | .1778928 | .1464220 | .2793769 | 261.2537 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.840851 | 133.9805 | .3273447 | -.003402 | 2.355255 | .2488649 | 1.179115 |
| Stddev | .076766 | 1.8414 | .0065329 | .000421 | .823291 | .0137096 | .007647 |
| %RSD | 1.585800 | 1.374370 | 1.995716 | 12.37150 | 34.95550 | 5.508862 | .6485423 |
| | | | | | | | |
| #1 | 4.856998 | 134.2093 | .3292812 | -.003632 | 3.286736 | .2580863 | 1.174352 |
| #2 | 4.757296 | 132.0355 | .3200624 | -.003658 | 1.724999 | .2331107 | 1.187935 |
| #3 | 4.908259 | 135.6969 | .3326903 | -.002916 | 2.054029 | .2553977 | 1.175057 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.983647 | 4.497990 | -.077516 | .0057328 | 2.314064 | 10.62926 | .0355437 |
| Stddev | .187286 | .073544 | .001409 | .0001582 | .048450 | .23521 | .0028650 |
| %RSD | 9.441502 | 1.635035 | 1.817936 | 2.759873 | 2.093730 | 2.212866 | 8.060551 |
| | | | | | | | |
| #1 | 2.169673 | 4.529873 | -.078377 | .0059147 | 2.327330 | 10.65565 | .0387555 |
| #2 | 1.795126 | 4.413885 | -.075890 | .0056273 | 2.260362 | 10.38196 | .0332511 |
| #3 | 1.986141 | 4.550212 | -.078281 | .0056563 | 2.354499 | 10.85016 | .0346244 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4983-10A Acquired: 12/14/2024 0:13:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2A Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .9923812 | 1.770493 | .1913502 |
| Stddev | .0155451 | .027453 | .0026587 |
| %RSD | 1.566443 | 1.550570 | 1.389452 |
| | | | |
| #1 | .9978442 | 1.776696 | .1935803 |
| #2 | .9748421 | 1.740470 | .1884079 |
| #3 | 1.004457 | 1.794314 | .1920624 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2504.937 | 28136.25 | 2593.209 | 2054.939 | 2731.989 |
| Stddev | 29.058 | 202.31 | 41.103 | 15.115 | 36.561 |
| %RSD | 1.160013 | .7190223 | 1.585031 | .7355434 | 1.338272 |
| | | | | | |
| #1 | 2493.122 | 28103.34 | 2584.757 | 2050.364 | 2715.677 |
| #2 | 2538.041 | 27952.41 | 2637.882 | 2042.640 | 2773.867 |
| #3 | 2483.649 | 28352.99 | 2556.989 | 2071.813 | 2706.422 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-05DLX2 Acquired: 12/14/2024 0:17:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0679374 | .0133456 | 27.75633 | -.007858 | .0163088 | 42.59868 |
| Stddev | .0014253 | .0003748 | .13434 | .003390 | .0016392 | .22031 |
| %RSD | 2.097889 | 2.808771 | .4839876 | 43.14032 | 10.05116 | .5171667 |
| | | | | | | |
| #1 | .0695546 | .0137409 | 27.60150 | -.006194 | .0180117 | 42.40463 |
| #2 | .0673930 | .0129953 | 27.82553 | -.011758 | .0147417 | 42.55325 |
| #3 | .0668646 | .0133007 | 27.84195 | -.005622 | .0161730 | 42.83816 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.171965 | .0043304 | .0073227 | 98.96436 | .1273024 | .0678811 |
| Stddev | .006544 | .0000441 | .0000350 | .55166 | .0004303 | .0002796 |
| %RSD | .5583817 | 1.018193 | .4775075 | .5574362 | .3380355 | .4119440 |
| | | | | | | |
| #1 | 1.166106 | .0042855 | .0072823 | 98.45174 | .1276564 | .0680958 |
| #2 | 1.170762 | .0043321 | .0073427 | 98.89318 | .1274273 | .0675649 |
| #3 | 1.179027 | .0043736 | .0073430 | 99.54816 | .1268234 | .0679826 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2986929 | 95.69167 | 4.137428 | 21.10793 | .1542667 | -.003919 |
| Stddev | .0085199 | .54593 | .020247 | .25814 | .0011098 | .000819 |
| %RSD | 2.852384 | .5705071 | .4893651 | 1.222958 | .7194339 | 20.88902 |
| | | | | | | |
| #1 | .2907985 | 95.08273 | 4.115139 | 20.80989 | .1538172 | -.004440 |
| #2 | .2975561 | 95.85494 | 4.142460 | 21.25293 | .1555308 | -.004342 |
| #3 | .3077241 | 96.13733 | 4.154684 | 21.26097 | .1534522 | -.002975 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.536972 | .1325682 | 1.667012 | 4.544131 | F 10.39782 | -.004917 |
| Stddev | .100935 | .0090567 | .021277 | .092791 | .04327 | .001539 |
| %RSD | 3.978553 | 6.831704 | 1.276355 | 2.041989 | .4161619 | 31.29523 |
| | | | | | | |
| #1 | 2.504369 | .1429818 | 1.688213 | 4.558158 | 10.34806 | -.006680 |
| #2 | 2.650178 | .1281925 | 1.667163 | 4.629110 | 10.42658 | -.003840 |
| #3 | 2.456368 | .1265303 | 1.645660 | 4.445125 | 10.41883 | -.004232 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-05DLX2 Acquired: 12/14/2024 0:17:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041686 | 2.011229 | 5.167441 | .1833128 | 1.185760 | .1741820 |
| Stddev | .0001515 | .005374 | .063866 | .0010102 | .001161 | .0012971 |
| %RSD | 3.634395 | .2672130 | 1.235932 | .5510676 | .0979364 | .7447043 |
| #1 | .0041621 | 2.005025 | 5.096895 | .1824692 | 1.185830 | .1726869 |
| #2 | .0043232 | 2.014237 | 5.184105 | .1830371 | 1.184565 | .1750080 |
| #3 | .0040204 | 2.014427 | 5.221323 | .1844323 | 1.186885 | .1748510 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0188096 |
| Stddev | .0053612 |
| %RSD | 28.50273 |
| #1 | .0126766 |
| #2 | .0211464 |
| #3 | .0226058 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2584.399 | 28835.53 | 2541.753 | 2110.153 | 3119.507 |
| Stddev | .135 | 104.25 | 25.735 | 4.685 | 3.487 |
| %RSD | .0052115 | .3615367 | 1.012490 | .2220194 | .1117962 |
| #1 | 2584.246 | 28715.19 | 2564.808 | 2104.968 | 3123.411 |
| #2 | 2584.456 | 28898.58 | 2546.461 | 2114.082 | 3116.700 |
| #3 | 2584.497 | 28892.81 | 2513.988 | 2111.410 | 3118.410 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-08DLX2 Acquired: 12/14/2024 0:21:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0329806 | .0292442 | .2460331 | -.024276 | .0035164 | 23.65374 | .5184733 |
| Stddev | .0017497 | .0010784 | .0008253 | .008636 | .0010619 | .11712 | .0016158 |
| %RSD | 5.305262 | 3.687564 | .3354535 | 35.57276 | 30.19755 | .4951549 | .3116509 |
| #1 | .0343260 | .0293933 | .2450801 | -.019478 | .0042772 | 23.77061 | .5203362 |
| #2 | .0310025 | .0302403 | .2465163 | -.034246 | .0039688 | 23.53637 | .5174513 |
| #3 | .0336132 | .0280990 | .2465029 | -.019105 | .0023033 | 23.65423 | .5176325 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0022713 | .0023570 | 452.3592 | .0392023 | .0658713 | .1418639 | 75.20509 |
| Stddev | .0000475 | .0000356 | 1.6834 | .0005139 | .0002162 | .0035194 | .42194 |
| %RSD | 2.092218 | 1.512456 | .3721382 | 1.310984 | .3281619 | 2.480846 | .5610496 |
| #1 | .0022601 | .0023925 | 453.6756 | .0397624 | .0657619 | .1415486 | 75.50443 |
| #2 | .0022304 | .0023575 | 450.4623 | .0387525 | .0661203 | .1385128 | 74.72251 |
| #3 | .0023234 | .0023212 | 452.9395 | .0390918 | .0657316 | .1455304 | 75.38832 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.749933 | 74.23028 | .0717423 | -.003782 | 1.788106 | .0659414 | .2996403 |
| Stddev | .038140 | .28860 | .0001631 | .000927 | .610080 | .0137336 | .0055219 |
| %RSD | .6633187 | .3887922 | .2272770 | 24.50374 | 34.11880 | 20.82700 | 1.842833 |
| #1 | 5.777759 | 74.53061 | .0717842 | -.003000 | 1.749614 | .0793061 | .2968941 |
| #2 | 5.706457 | 73.95505 | .0715624 | -.003541 | 1.198184 | .0666517 | .3059969 |
| #3 | 5.765583 | 74.20517 | .0718804 | -.004806 | 2.416521 | .0518665 | .2960300 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.585190 | 4.234911 | -.015686 | .0015540 | .6386167 | 5.232005 | .0169555 |
| Stddev | .058657 | .011046 | .001217 | .0003014 | .0037700 | .044945 | .0005925 |
| %RSD | 2.268963 | .2608297 | 7.759507 | 19.39591 | .5903325 | .8590364 | 3.494590 |
| #1 | 2.519959 | 4.232148 | -.016884 | .0012555 | .6347066 | 5.267928 | .0172468 |
| #2 | 2.633596 | 4.225508 | -.014450 | .0015482 | .6389149 | 5.181606 | .0162737 |
| #3 | 2.602015 | 4.247076 | -.015724 | .0018583 | .6422288 | 5.246482 | .0173460 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-08DLX2 Acquired: 12/14/2024 0:21:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5819929 | .4042377 | .0130240 |
| Stddev | .0053687 | .0012162 | .0069207 |
| %RSD | .9224612 | .3008592 | 53.13777 |
| | | | |
| #1 | .5881917 | .4054943 | .0111173 |
| #2 | .5788370 | .4030665 | .0072566 |
| #3 | .5789500 | .4041523 | .0206981 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2433.458 | 27120.38 | 2448.565 | 1977.470 | 2851.205 |
| Stddev | 9.068 | 92.03 | 17.484 | 7.096 | 12.264 |
| %RSD | .3726279 | .3393322 | .7140461 | .3588232 | .4301240 |
| | | | | | |
| #1 | 2437.387 | 27130.29 | 2435.557 | 1985.512 | 2854.706 |
| #2 | 2439.899 | 27207.05 | 2468.440 | 1972.089 | 2861.338 |
| #3 | 2423.088 | 27023.79 | 2441.698 | 1974.810 | 2837.572 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-09DLX2 Acquired: 12/14/2024 0:25:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0331154 | .0313086 | .1119609 | -.028251 | .0003934 | 25.48443 |
| Stddev | .0046139 | .0044377 | .0021651 | .003932 | .0018081 | .03714 |
| %RSD | 13.93266 | 14.17420 | 1.933815 | 13.91666 | 459.5864 | .1457269 |
| #1 | .0278343 | .0306142 | .1099411 | -.032493 | .0016993 | 25.47204 |
| #2 | .0351476 | .0272589 | .1116948 | -.027531 | -.001670 | 25.45507 |
| #3 | .0363644 | .0360525 | .1142467 | -.024730 | .001151 | 25.52618 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2409733 | .0020261 | .0021131 | 668.6995 | .0374151 | .0712048 |
| Stddev | .0015468 | .0000404 | .0000640 | .9909 | .0017924 | .0015378 |
| %RSD | .6419027 | 1.994412 | 3.031287 | .1481887 | 4.790470 | 2.159614 |
| #1 | .2391873 | .0020240 | .0021445 | 667.7866 | .0354003 | .0706484 |
| #2 | .2418823 | .0020675 | .0020394 | 668.5585 | .0388323 | .0700228 |
| #3 | .2418503 | .0019867 | .0021554 | 669.7534 | .0380127 | .0729434 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1523047 | 63.91597 | 5.271111 | 114.5003 | .0713882 | -.003858 |
| Stddev | .0081727 | .10733 | .022326 | .4570 | .0021358 | .001262 |
| %RSD | 5.366031 | .1679227 | .4235546 | .3990842 | 2.991888 | 32.72180 |
| #1 | .1550560 | 63.79736 | 5.250934 | 113.9728 | .0712693 | -.002401 |
| #2 | .1587467 | 64.00640 | 5.295096 | 114.7749 | .0693142 | -.004569 |
| #3 | .1431114 | 63.94416 | 5.267302 | 114.7532 | .0735810 | -.004605 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.867793 | .0609918 | .2237879 | 4.051782 | F 15.56997 | .0031716 |
| Stddev | .596791 | .0076007 | .0059510 | .080489 | .40861 | .0015342 |
| %RSD | 20.81011 | 12.46178 | 2.659213 | 1.986497 | 2.624320 | 48.37155 |
| #1 | 2.756642 | .0576562 | .2199603 | 4.091299 | 15.52898 | .0014192 |
| #2 | 3.512346 | .0556293 | .2306440 | 3.959173 | 15.18340 | .0042723 |
| #3 | 2.334393 | .0696899 | .2207594 | 4.104874 | 15.99753 | .0038234 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-09DLX2 Acquired: 12/14/2024 0:25:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK4 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000423 | .9530256 | 5.465425 | .0113988 | .5589425 | .5981623 |
| Stddev | .0007089 | .0292718 | .020617 | .0028374 | .0070619 | .0013174 |
| %RSD | 1675.652 | 3.071456 | .3772284 | 24.89170 | 1.263432 | .2202393 |
| #1 | .0004614 | .9537171 | 5.445366 | .0113050 | .5645403 | .5977111 |
| #2 | .0004416 | .9234143 | 5.486558 | .0142819 | .5612787 | .5996461 |
| #3 | -.000776 | .9819456 | 5.464349 | .0086095 | .5510086 | .5971299 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0264511 |
| Stddev | .0032413 |
| %RSD | 12.25376 |
| #1 | .0230835 |
| #2 | .0295492 |
| #3 | .0267207 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2463.326 | 27497.10 | 2497.408 | 2003.476 | 2752.527 |
| Stddev | 41.578 | 540.36 | 11.355 | 28.685 | 59.561 |
| %RSD | 1.687898 | 1.965139 | .4546685 | 1.431751 | 2.163884 |
| #1 | 2475.948 | 28003.85 | 2486.211 | 2033.448 | 2763.820 |
| #2 | 2497.130 | 26928.46 | 2497.099 | 1976.281 | 2805.634 |
| #3 | 2416.899 | 27558.98 | 2508.914 | 2000.699 | 2688.128 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-14DLX2 Acquired: 12/14/2024 0:29:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0294467 | .0269606 | .0983662 | -.024053 | .0061938 | 21.31990 | .2787186 |
| Stddev | .0003998 | .0022686 | .0014288 | .006676 | .0016291 | .47737 | .0070622 |
| %RSD | 1.357695 | 8.414593 | 1.452491 | 27.75417 | 26.30161 | 2.239070 | 2.533820 |
| #1 | .0294855 | .0275026 | .0998128 | -.031224 | .0080693 | 20.98319 | .2749700 |
| #2 | .0298256 | .0244701 | .0983298 | -.018017 | .0051303 | 21.86621 | .2868647 |
| #3 | .0290289 | .0289092 | .0969560 | -.022919 | .0053818 | 21.11031 | .2743210 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0024291 | .0014622 | 501.0347 | .0353263 | .0606944 | .0959251 | 84.56065 |
| Stddev | .0000387 | .0001790 | 11.1797 | .0005054 | .0010323 | .0019908 | 1.73723 |
| %RSD | 1.594313 | 12.24184 | 2.231320 | 1.430809 | 1.700750 | 2.075364 | 2.054418 |
| #1 | .0023937 | .0013652 | 494.0391 | .0352852 | .0597518 | .0982227 | 83.59479 |
| #2 | .0024704 | .0013526 | 513.9283 | .0358510 | .0605340 | .0948398 | 86.56617 |
| #3 | .0024231 | .0016687 | 495.1367 | .0348426 | .0617975 | .0947129 | 83.52098 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.783707 | 211.8792 | .0565834 | -.004088 | 2.366684 | .0761328 | .2472496 |
| Stddev | .079137 | 4.7958 | .0002850 | .001560 | .229715 | .0032839 | .0044877 |
| %RSD | 2.091510 | 2.263476 | .5037324 | 38.15944 | 9.706205 | 4.313405 | 1.815041 |
| #1 | 3.741937 | 209.1354 | .0569123 | -.002993 | 2.213341 | .0754391 | .2496529 |
| #2 | 3.874977 | 217.4169 | .0564279 | -.005875 | 2.630795 | .0797082 | .2500239 |
| #3 | 3.734206 | 209.0853 | .0564098 | -.003398 | 2.255916 | .0732512 | .2420722 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.665190 | 3.314410 | -.010406 | .0003347 | .7013749 | 4.975699 | .0144914 |
| Stddev | .095529 | .032800 | .002368 | .0001236 | .0069997 | .092443 | .0008509 |
| %RSD | 3.584318 | .9896257 | 22.75348 | 36.91273 | .9979942 | 1.857899 | 5.871763 |
| #1 | 2.556268 | 3.302564 | -.007685 | .0003376 | .7008943 | 4.934880 | .0135089 |
| #2 | 2.734746 | 3.289179 | -.011536 | .0004568 | .6946279 | 5.081526 | .0149852 |
| #3 | 2.704555 | 3.351488 | -.011996 | .0002098 | .7086025 | 4.910692 | .0149802 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P5015-14DLX2 Acquired: 12/14/2024 0:29:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5307606 | .1546843 | .0065979 |
| Stddev | .0130209 | .0036677 | .0036756 |
| %RSD | 2.453251 | 2.371057 | 55.70914 |
| | | | |
| #1 | .5261519 | .1521826 | .0108421 |
| #2 | .5454590 | .1588945 | .0044998 |
| #3 | .5206708 | .1529757 | .0044518 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2358.354 | 26781.79 | 2378.693 | 1948.470 | 2761.124 |
| Stddev | 14.916 | 456.10 | 34.444 | 37.701 | 23.125 |
| %RSD | .6324804 | 1.703006 | 1.448026 | 1.934920 | .8375149 |
| | | | | | |
| #1 | 2365.008 | 26430.17 | 2391.957 | 1920.921 | 2767.726 |
| #2 | 2368.785 | 26618.06 | 2339.588 | 1933.053 | 2780.231 |
| #3 | 2341.269 | 27297.15 | 2404.532 | 1991.437 | 2735.417 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-18DLX2 Acquired: 12/14/2024 0:32:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ14 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0180910 | .0324731 | .3437790 | -.043386 | -.005418 | 10.07247 |
| Stddev | .0032461 | .0013873 | .0018904 | .001017 | .001508 | .01028 |
| %RSD | 17.94298 | 4.272069 | .5498757 | 2.343642 | 27.83069 | .1020794 |
| | | | | | | |
| #1 | .0162314 | .0335845 | .3445080 | -.043567 | -.006444 | 10.07932 |
| #2 | .0218392 | .0329165 | .3416327 | -.044300 | -.006123 | 10.07745 |
| #3 | .0162024 | .0309183 | .3451964 | -.042291 | -.003687 | 10.06065 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1378975 | .0013282 | .0036488 | F 960.9727 | .0366755 | .0525985 |
| Stddev | .0007713 | .0000275 | .0000123 | 1.8566 | .0005677 | .0001777 |
| %RSD | .5593185 | 2.070619 | .3379902 | .1931999 | 1.547789 | .3378676 |
| | | | | | | |
| #1 | .1383133 | .0012983 | .0036496 | 961.2016 | .0372875 | .0525826 |
| #2 | .1370075 | .0013341 | .0036607 | 962.7042 | .0365728 | .0527836 |
| #3 | .1383716 | .0013524 | .0036361 | 959.0123 | .0361662 | .0524292 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0658572 | 45.31711 | 4.223243 | 306.7208 | .0677086 | -.001926 |
| Stddev | .0052119 | .04712 | .010122 | .3085 | .0003978 | .000221 |
| %RSD | 7.913894 | .1039847 | .2396712 | .1005935 | .5875166 | 11.47190 |
| | | | | | | |
| #1 | .0660007 | 45.35118 | 4.234057 | 306.6435 | .0681117 | -.001806 |
| #2 | .0709957 | 45.33682 | 4.213997 | 306.4583 | .0676978 | -.002181 |
| #3 | .0605750 | 45.26333 | 4.221674 | 307.0607 | .0673163 | -.001791 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.553174 | .0381759 | .6505052 | 1.750178 | 2.415304 | .0172759 |
| Stddev | .779063 | .0079734 | .0099786 | .097950 | .007861 | .0003536 |
| %RSD | 30.51350 | 20.88585 | 1.533981 | 5.596578 | .3254560 | 2.046889 |
| | | | | | | |
| #1 | 2.471521 | .0453933 | .6390171 | 1.674407 | 2.416800 | .0176264 |
| #2 | 3.369848 | .0296168 | .6554811 | 1.860784 | 2.422309 | .0169193 |
| #3 | 1.818154 | .0395177 | .6570175 | 1.715344 | 2.406803 | .0172821 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-18DLX2 Acquired: 12/14/2024 0:32:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ14 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0013496 | 8.206335 | 4.227703 | .0191298 | .2001299 | .4571999 |
| Stddev | .0003022 | .010960 | .034951 | .0005077 | .0031247 | .0011745 |
| %RSD | 22.38913 | .1335592 | .8267098 | 2.654102 | 1.561322 | .2568825 |
| #1 | .0013482 | 8.215926 | 4.202189 | .0188334 | .2037032 | .4584235 |
| #2 | .0010482 | 8.208690 | 4.213379 | .0197161 | .1979111 | .4560816 |
| #3 | .0016525 | 8.194388 | 4.267540 | .0188400 | .1987752 | .4570945 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0042137 |
| Stddev | .0017236 |
| %RSD | 40.90371 |
| #1 | .0022583 |
| #2 | .0048705 |
| #3 | .0055123 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2210.157 | 24882.99 | 2314.072 | 1790.841 | 2625.289 |
| Stddev | 10.428 | 155.82 | 13.827 | 9.588 | 10.927 |
| %RSD | .4718395 | .6262082 | .5975031 | .5353805 | .4162278 |
| #1 | 2198.707 | 24703.73 | 2314.896 | 1779.916 | 2618.710 |
| #2 | 2212.653 | 24985.97 | 2327.468 | 1797.858 | 2619.255 |
| #3 | 2219.111 | 24959.27 | 2299.852 | 1794.748 | 2637.903 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-19DLX2 Acquired: 12/14/2024 0:36:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ15 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0295892 | .0300170 | .4953858 | -.037876 | -.005966 | 10.60347 |
| Stddev | .0040234 | .0044817 | .0033063 | .005171 | .002838 | .05549 |
| %RSD | 13.59741 | 14.93055 | .6674089 | 13.65380 | 47.56695 | .5233448 |
| #1 | .0323619 | .0265455 | .4953743 | -.038550 | -.009185 | 10.61467 |
| #2 | .0249746 | .0284291 | .4920853 | -.042677 | -.003821 | 10.54323 |
| #3 | .0314310 | .0350765 | .4986977 | -.032400 | -.004893 | 10.65250 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1461486 | .0013641 | .0053418 | F 1024.469 | .0424848 | .0551885 |
| Stddev | .0005102 | .0001362 | .0001354 | 4.603 | .0001883 | .0013795 |
| %RSD | .3491239 | 9.984914 | 2.534689 | .4493532 | .4431510 | 2.499563 |
| #1 | .1464889 | .0015196 | .0054903 | 1025.899 | .0425704 | .0546881 |
| #2 | .1463949 | .0012660 | .0052253 | 1019.320 | .0422690 | .0541290 |
| #3 | .1455619 | .0013066 | .0053096 | 1028.187 | .0426151 | .0567483 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0722381 | 54.39491 | 5.794403 | 459.1439 | .0780337 | -.002454 |
| Stddev | .0073171 | .12148 | .022912 | 2.3786 | .0006408 | .001254 |
| %RSD | 10.12919 | .2233316 | .3954209 | .5180411 | .8212305 | 51.11060 |
| #1 | .0639257 | 54.25564 | 5.771673 | 459.1372 | .0775765 | -.001306 |
| #2 | .0750832 | 54.45005 | 5.794043 | 456.7687 | .0777583 | -.003792 |
| #3 | .0777053 | 54.47904 | 5.817493 | 461.5258 | .0787662 | -.002262 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.264885 | .0280962 | .8993472 | 1.135532 | 2.077208 | .0183742 |
| Stddev | .382261 | .0045987 | .0188825 | .027232 | .012460 | .0010884 |
| %RSD | 16.87771 | 16.36768 | 2.099580 | 2.398206 | .5998405 | 5.923271 |
| #1 | 2.399167 | .0269886 | .9125101 | 1.105007 | 2.072459 | .0195160 |
| #2 | 2.561886 | .0331475 | .8777124 | 1.144253 | 2.067820 | .0182580 |
| #3 | 1.833602 | .0241524 | .9078191 | 1.157335 | 2.091343 | .0173487 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-19DLX2 Acquired: 12/14/2024 0:36:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ15 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0014351 | 8.649613 | 4.971856 | .0327505 | .1909212 | .3784300 |
| Stddev | .0006180 | .041479 | .042777 | .0015314 | .0026894 | .0015400 |
| %RSD | 43.06105 | .4795449 | .8603832 | 4.675834 | 1.408643 | .4069444 |
| | | | | | | |
| #1 | .0009018 | 8.641139 | 4.954965 | .0322525 | .1916801 | .3777339 |
| #2 | .0021123 | 8.613025 | 5.020499 | .0344688 | .1879339 | .3773610 |
| #3 | .0012911 | 8.694674 | 4.940103 | .0315301 | .1931497 | .3801952 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0091569 |
| Stddev | .0035196 |
| %RSD | 38.43691 |
| | |
| #1 | .0098705 |
| #2 | .0053352 |
| #3 | .0122651 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2148.918 | 24369.16 | 2262.394 | 1757.973 | 2538.862 |
| Stddev | 11.874 | 86.60 | 11.844 | 7.774 | 12.627 |
| %RSD | .5525581 | .3553867 | .5235070 | .4422013 | .4973328 |
| | | | | | |
| #1 | 2154.361 | 24374.05 | 2270.471 | 1755.621 | 2544.595 |
| #2 | 2157.095 | 24453.22 | 2248.798 | 1766.652 | 2547.605 |
| #3 | 2135.298 | 24280.22 | 2267.914 | 1751.648 | 2524.386 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-20DLX2 Acquired: 12/14/2024 0:40:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ16 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0508399 | .0339626 | .6661659 | -.036996 | -.007568 | 11.49325 |
| Stddev | .0008131 | .0019112 | .0179706 | .001975 | .002663 | .05912 |
| %RSD | 1.599321 | 5.627376 | 2.697619 | 5.338054 | 35.18007 | .5143855 |
| | | | | | | |
| #1 | .0517518 | .0340921 | .6843970 | -.035022 | -.007208 | 11.55948 |
| #2 | .0505775 | .0358057 | .6484676 | -.038971 | -.005104 | 11.44580 |
| #3 | .0501904 | .0319899 | .6656332 | -.036995 | -.010393 | 11.47447 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1659434 | .0014386 | .0050542 | F 875.7892 | .0511209 | .0543693 |
| Stddev | .0008098 | .0000289 | .0001580 | 3.3241 | .0011042 | .0016767 |
| %RSD | .4880255 | 2.009447 | 3.126892 | .3795515 | 2.159908 | 3.083984 |
| | | | | | | |
| #1 | .1666948 | .0014119 | .0052158 | 879.5738 | .0518492 | .0562892 |
| #2 | .1650856 | .0014693 | .0049000 | 873.3431 | .0498504 | .0531928 |
| #3 | .1660498 | .0014345 | .0050466 | 874.4505 | .0516629 | .0536260 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0539159 | 51.77945 | 5.788436 | 452.8738 | .1064592 | -.001481 |
| Stddev | .0040034 | .20168 | .021396 | 2.2938 | .0022604 | .000777 |
| %RSD | 7.425187 | .3894927 | .3696284 | .5064949 | 2.123257 | 52.47644 |
| | | | | | | |
| #1 | .0545386 | 51.90994 | 5.807672 | 454.6439 | .1090066 | -.002033 |
| #2 | .0575714 | 51.54716 | 5.765392 | 450.2824 | .1046933 | -.000592 |
| #3 | .0496377 | 51.88124 | 5.792244 | 453.6951 | .1056776 | -.001819 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.170936 | .0421743 | .7420742 | 1.045146 | 1.916487 | .0158708 |
| Stddev | .299748 | .0039711 | .0128715 | .200272 | .050675 | .0021268 |
| %RSD | 13.80730 | 9.415936 | 1.734528 | 19.16210 | 2.644148 | 13.40052 |
| | | | | | | |
| #1 | 1.878125 | .0381716 | .7490942 | 1.275661 | 1.970056 | .0136143 |
| #2 | 2.477169 | .0461131 | .7272190 | .913889 | 1.869314 | .0161599 |
| #3 | 2.157515 | .0422382 | .7499096 | .945888 | 1.910091 | .0178383 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-20DLX2 Acquired: 12/14/2024 0:40:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ16 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0022732 | 7.579088 | 5.232630 | .0356641 | .2324276 | .2958307 |
| Stddev | .0006938 | .212115 | .037578 | .0007170 | .0042363 | .0005574 |
| %RSD | 30.52223 | 2.798681 | .7181528 | 2.010491 | 1.822655 | .1884112 |
| | | | | | | |
| #1 | .0027154 | 7.810702 | 5.222275 | .0363079 | .2372365 | .2963610 |
| #2 | .0014735 | 7.394297 | 5.201315 | .0357930 | .2307994 | .2952497 |
| #3 | .0026307 | 7.532265 | 5.274300 | .0348914 | .2292469 | .2958814 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | -.000593 |
| Stddev | .005780 |
| %RSD | 974.3804 |
| | |
| #1 | -.005961 |
| #2 | -.001345 |
| #3 | .005526 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2185.197 | 24533.01 | 2251.014 | 1770.155 | 2612.330 |
| Stddev | 54.659 | 332.62 | 19.077 | 25.400 | 66.583 |
| %RSD | 2.501329 | 1.355807 | .8474818 | 1.434925 | 2.548816 |
| | | | | | |
| #1 | 2124.540 | 24188.20 | 2239.443 | 1745.554 | 2539.283 |
| #2 | 2230.630 | 24851.93 | 2273.033 | 1796.285 | 2669.624 |
| #3 | 2200.422 | 24558.89 | 2240.567 | 1768.625 | 2628.084 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-21DLX2 Acquired: 12/14/2024 0:44:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ17 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1302893 | .0295214 | .7750932 | -.038377 | -.001735 | 22.60041 |
| Stddev | .0006405 | .0030722 | .0027051 | .002863 | .003809 | .04769 |
| %RSD | .4916156 | 10.40668 | .3490050 | 7.460695 | 219.5030 | .2110026 |
| | | | | | | |
| #1 | .1299174 | .0262135 | .7742060 | -.036697 | -.002213 | 22.56471 |
| #2 | .1299217 | .0300657 | .7781305 | -.041683 | .002290 | 22.65457 |
| #3 | .1310289 | .0322851 | .7729432 | -.036751 | -.005284 | 22.58196 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2422120 | .0019404 | .0046683 | F 845.0745 | .0453626 | .0608919 |
| Stddev | .0009467 | .0000453 | .0000531 | 1.7456 | .0000766 | .0001110 |
| %RSD | .3908382 | 2.334318 | 1.138062 | .2065634 | .1688755 | .1822131 |
| | | | | | | |
| #1 | .2422111 | .0019115 | .0047277 | 843.3284 | .0453531 | .0610176 |
| #2 | .2431591 | .0019926 | .0046254 | 846.8197 | .0452912 | .0608076 |
| #3 | .2412658 | .0019170 | .0046518 | 845.0752 | .0454435 | .0608506 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0658657 | 64.92606 | 5.417663 | 387.0617 | .0854074 | -.002625 |
| Stddev | .0061141 | .06196 | .016622 | .9313 | .0014630 | .000759 |
| %RSD | 9.282721 | .0954265 | .3068204 | .2406180 | 1.712980 | 28.92531 |
| | | | | | | |
| #1 | .0689229 | 64.89264 | 5.404585 | 386.0700 | .0844918 | -.001772 |
| #2 | .0588260 | 64.88798 | 5.436368 | 387.9179 | .0870947 | -.002875 |
| #3 | .0698482 | 64.99755 | 5.412034 | 387.1970 | .0846358 | -.003228 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.687012 | .0579425 | .6998343 | 1.636832 | 1.941649 | .0081885 |
| Stddev | .128432 | .0038945 | .0219051 | .162880 | .001825 | .0031136 |
| %RSD | 4.779740 | 6.721252 | 3.130044 | 9.950922 | .0940113 | 38.02489 |
| | | | | | | |
| #1 | 2.554296 | .0548476 | .7147297 | 1.555722 | 1.943623 | .0072175 |
| #2 | 2.810682 | .0623154 | .6746826 | 1.530431 | 1.940022 | .0056760 |
| #3 | 2.696058 | .0566646 | .7100905 | 1.824341 | 1.941301 | .0116719 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-21DLX2 Acquired: 12/14/2024 0:44:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ17 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005418 | 7.776377 | 5.640323 | .0319826 | .5126679 | .3662584 |
| Stddev | .0003885 | .032868 | .033979 | .0004777 | .0062061 | .0014201 |
| %RSD | 71.69243 | .4226648 | .6024243 | 1.493687 | 1.210552 | .3877354 |
| | | | | | | |
| #1 | .0002416 | 7.777323 | 5.617635 | .0324489 | .5151845 | .3651290 |
| #2 | .0009806 | 7.808762 | 5.679389 | .0314943 | .5172205 | .3678527 |
| #3 | .0004034 | 7.743046 | 5.623946 | .0320045 | .5055988 | .3657934 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | .0148748 |
| Stddev | .0016285 |
| %RSD | 10.94789 |
| | |
| #1 | .0151712 |
| #2 | .0163348 |
| #3 | .0131185 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2215.351 | 25088.43 | 2288.554 | 1812.703 | 2637.905 |
| Stddev | 4.819 | 139.26 | 10.443 | 12.214 | 2.531 |
| %RSD | .2175061 | .5550686 | .4563149 | .6738020 | .0959558 |
| | | | | | |
| #1 | 2213.278 | 24968.22 | 2292.481 | 1804.273 | 2638.933 |
| #2 | 2220.859 | 25241.03 | 2276.717 | 1826.710 | 2639.761 |
| #3 | 2211.915 | 25056.04 | 2296.465 | 1807.125 | 2635.022 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-22DLX2 Acquired: 12/14/2024 0:48:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ18 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0893277 | .0236322 | .4544114 | -.029608 | .0064499 | 53.47731 | .3790872 |
| Stddev | .0028583 | .0034244 | .0030678 | .001819 | .0016561 | .29005 | .0016237 |
| %RSD | 3.199809 | 14.49025 | .6751129 | 6.143757 | 25.67631 | .5423789 | .4283281 |
| #1 | .0915183 | .0211899 | .4548767 | -.031699 | .0052355 | 53.23037 | .3775365 |
| #2 | .0860945 | .0275465 | .4511375 | -.028728 | .0057778 | 53.79673 | .3807753 |
| #3 | .0903704 | .0221603 | .4572199 | -.028396 | .0083364 | 53.40485 | .3789499 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0035826 | .0038844 | 413.0339 | .0674421 | .0683794 | .0657855 | 85.43819 |
| Stddev | .0000309 | .0000349 | 2.8806 | .0004345 | .0001342 | .0050981 | .70565 |
| %RSD | .8626261 | .8972081 | .6974150 | .6443216 | .1963183 | 7.749616 | .8259218 |
| #1 | .0036124 | .0038513 | 410.8696 | .0677681 | .0682265 | .0613145 | 84.75539 |
| #2 | .0035847 | .0038810 | 416.3034 | .0669488 | .0684335 | .0713374 | 86.16466 |
| #3 | .0035507 | .0039208 | 411.9286 | .0676095 | .0684781 | .0647046 | 85.39454 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.387736 | 123.4320 | .0927958 | -.004578 | 2.427780 | .1084088 | .5833772 |
| Stddev | .028852 | .4948 | .0009733 | .000547 | .496093 | .0083583 | .0057435 |
| %RSD | .8516609 | .4008889 | 1.048890 | 11.95463 | 20.43401 | 7.709982 | .9845250 |
| #1 | 3.360280 | 122.9743 | .0934549 | -.004304 | 2.188941 | .1067038 | .5795729 |
| #2 | 3.417806 | 123.9570 | .0916779 | -.004222 | 2.096283 | .1174882 | .5805747 |
| #3 | 3.385123 | 123.3646 | .0932546 | -.005208 | 2.998115 | .1010345 | .5899840 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.963869 | 2.254417 | -.001018 | .0007277 | 6.521260 | 14.81503 | .0200827 |
| Stddev | .060625 | .002973 | .003044 | .0002653 | .013597 | .03840 | .0018104 |
| %RSD | 3.086996 | .1318536 | 298.9553 | 36.44909 | .2085043 | .2592226 | 9.014630 |
| #1 | 1.893886 | 2.257847 | .002299 | .0008014 | 6.509789 | 14.77082 | .0181568 |
| #2 | 1.997412 | 2.252804 | -.003684 | .0004334 | 6.536279 | 14.83410 | .0217497 |
| #3 | 2.000309 | 2.252598 | -.001669 | .0009484 | 6.517711 | 14.84016 | .0203416 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: P4963-22DLX2 Acquired: 12/14/2024 0:48:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ18 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.124386 | .3639635 | .0257313 |
| Stddev | .012018 | .0026257 | .0025535 |
| %RSD | 1.068812 | .7214075 | 9.923822 |
| | | | |
| #1 | 1.112188 | .3614720 | .0269308 |
| #2 | 1.136214 | .3667054 | .0227988 |
| #3 | 1.124756 | .3637131 | .0274642 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2305.691 | 25736.97 | 2338.406 | 1877.683 | 2821.724 |
| Stddev | 5.664 | 103.47 | 5.836 | 4.494 | 2.628 |
| %RSD | .2456625 | .4020297 | .2495659 | .2393601 | .0931188 |
| | | | | | |
| #1 | 2306.178 | 25643.39 | 2340.061 | 1872.553 | 2819.271 |
| #2 | 2311.095 | 25719.43 | 2331.921 | 1879.566 | 2824.497 |
| #3 | 2299.798 | 25848.09 | 2343.235 | 1880.930 | 2821.404 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV014 Acquired: 12/14/2024 1:00:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.002781 | 5.245377 | 24.62057 | 4.736233 | 4.828535 | 386.4489 | 9.985066 |
| Stddev | .012729 | .024939 | .12770 | .030541 | .026624 | 1.8895 | .065765 |
| %RSD | .2544424 | .4754547 | .5186703 | .6448451 | .5513860 | .4889333 | .6586377 |
| #1 | 4.998695 | 5.222781 | 24.52201 | 4.729536 | 4.815358 | 386.8069 | 10.01241 |
| #2 | 4.992596 | 5.241214 | 24.57486 | 4.709596 | 4.811069 | 384.4060 | 9.91004 |
| #3 | 5.017051 | 5.272136 | 24.76483 | 4.769567 | 4.859177 | 388.1338 | 10.03275 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4886752 | 2.447435 | 405.2106 | 14.98425 | 2.371738 | 15.12338 | 394.7116 |
| Stddev | .0030522 | .010846 | 1.8721 | .07332 | .011985 | .13003 | 2.5739 |
| %RSD | .6245889 | .4431504 | .4619943 | .4892838 | .5053389 | .8597704 | .6520838 |
| #1 | .4897874 | 2.438778 | 405.8917 | 14.89964 | 2.361361 | 15.19133 | 395.3432 |
| #2 | .4852228 | 2.443925 | 403.0934 | 15.02886 | 2.368997 | 14.97346 | 391.8808 |
| #3 | .4910153 | 2.459601 | 406.6468 | 15.02427 | 2.384857 | 15.20536 | 396.9109 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.07366 | 382.2046 | 2.464539 | 1.290090 | 382.3850 | 2.524883 | 13.78920 |
| Stddev | .08513 | 2.4033 | .011576 | .005282 | 3.9800 | .019902 | .04738 |
| %RSD | .5647493 | .6287942 | .4696983 | .4094184 | 1.040837 | .7882167 | .3436254 |
| #1 | 15.11995 | 382.8980 | 2.456484 | 1.284117 | 384.2946 | 2.544825 | 13.80109 |
| #2 | 14.97542 | 379.5308 | 2.459330 | 1.294144 | 377.8101 | 2.505022 | 13.73701 |
| #3 | 15.12561 | 384.1849 | 2.477805 | 1.292007 | 385.0504 | 2.524801 | 13.82951 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 144.8719 | 4.876584 | 4.708669 | 4.867281 | 4.792287 | 4.970350 | 4.959893 |
| Stddev | .9141 | .026213 | .037920 | .026043 | .023066 | .024499 | .023604 |
| %RSD | .6309912 | .5375253 | .8053134 | .5350592 | .4813055 | .4929019 | .4758949 |
| #1 | 144.6290 | 4.856317 | 4.706531 | 4.850636 | 4.769157 | 4.969898 | 4.939696 |
| #2 | 144.1038 | 4.867249 | 4.671863 | 4.853915 | 4.792417 | 4.946079 | 4.954142 |
| #3 | 145.8830 | 4.906187 | 4.747612 | 4.897293 | 4.815288 | 4.995071 | 4.985841 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCV014 Acquired: 12/14/2024 1:00:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Sr4077 | Li6707 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.103486 | 4.764747 | 5.130487 |
| Stddev | .029687 | .030183 | .069854 |
| %RSD | .5817053 | .6334574 | 1.361551 |
| | | | |
| #1 | 5.124455 | 4.775925 | 5.153676 |
| #2 | 5.069516 | 4.730570 | 5.051987 |
| #3 | 5.116487 | 4.787746 | 5.185797 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1925.313 | 23791.25 | 2220.538 | 1640.908 | 2568.179 |
| Stddev | 6.495 | 118.21 | 13.909 | 4.167 | 7.001 |
| %RSD | .3373356 | .4968478 | .6263764 | .2539579 | .2726244 |
| | | | | | |
| #1 | 1928.238 | 23927.38 | 2221.766 | 1643.196 | 2574.242 |
| #2 | 1929.831 | 23714.62 | 2233.792 | 1643.431 | 2569.778 |
| #3 | 1917.870 | 23731.74 | 2206.056 | 1636.098 | 2560.516 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB014 Acquired: 12/14/2024 1:03:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0014524 | .0028072 | .0049951 | -.001397 | .0024178 | .0072439 |
| Stddev | .0037016 | .0011307 | .0017612 | .003053 | .0026519 | .0220852 |
| %RSD | 254.8641 | 40.27727 | 35.25882 | 218.5142 | 109.6838 | 304.8821 |
| #1 | .0053858 | .0020788 | .0065320 | -.002247 | .0021697 | .0312527 |
| #2 | .0009339 | .0022330 | .0053800 | -.003936 | .0051850 | -.012206 |
| #3 | -.001963 | .0041097 | .0030733 | .001991 | -.000101 | .002685 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000418 | .0000529 | .0001582 | .0240529 | -.000830 | .0005057 |
| Stddev | .000713 | .0000898 | .0001834 | .0203044 | .000051 | .0000713 |
| %RSD | 170.4427 | 169.6600 | 115.9276 | 84.41560 | 6.165544 | 14.10384 |
| #1 | -.000931 | -.000029 | -.000050 | .0107255 | -.000774 | .0005311 |
| #2 | .000396 | .000039 | .000228 | .0140117 | -.000873 | .0005608 |
| #3 | -.000719 | .000149 | .000296 | .0474214 | -.000844 | .0004252 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001316 | -.003595 | .0008330 | .0713173 | -.000119 | .0012020 |
| Stddev | .010067 | .015844 | .0004570 | .0281672 | .000504 | .0014846 |
| %RSD | 765.0676 | 440.7748 | 54.85952 | 39.49567 | 424.1959 | 123.5043 |
| #1 | .001140 | .013550 | .0007024 | .0393193 | -.000236 | -.000433 |
| #2 | -.012383 | -.017698 | .0004555 | .0822672 | .000433 | .002467 |
| #3 | .007296 | -.006636 | .0013411 | .0923652 | -.000554 | .001572 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.238539 | .0026072 | .0035461 | -.484341 | -.003100 | .0029725 |
| Stddev | .152268 | .0062319 | .0036167 | .175512 | .001248 | .0028170 |
| %RSD | 12.29413 | 239.0267 | 101.9906 | 36.23729 | 40.25472 | 94.76882 |
| #1 | 1.250495 | .0031481 | .0076954 | -.497312 | -.003221 | .0052332 |
| #2 | 1.080645 | .0085510 | .0018810 | -.302703 | -.001797 | .0038677 |
| #3 | 1.384476 | -.003878 | .0010619 | -.653007 | -.004284 | -.000183 |

Reviewed By:Mohan
On:12/16/2024
12:49:43 AM
Inst Id :P5

Sample Name: CCB014 Acquired: 12/14/2024 1:03:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006538 | -.002840 | -.037942 | .0004710 | -.002198 | .0001876 |
| Stddev | .0005560 | .001988 | .001444 | .0016768 | .002717 | .0001266 |
| %RSD | 85.02715 | 69.99852 | 3.805974 | 356.0184 | 123.6097 | 67.46010 |
| #1 | .0003132 | -.000608 | -.038185 | .0001058 | -.001825 | .0002028 |
| #2 | .0012954 | -.003491 | -.039249 | .0023003 | -.005082 | .0000541 |
| #3 | .0003530 | -.004420 | -.036392 | -.000993 | .000313 | .0003059 |

| Elem | Li6707 |
|---|---|
| Units | ppm |
| Avg | F -.045947 |
| Stddev | .006695 |
| %RSD | 14.57221 |
| #1 | -.039806 |
| #2 | -.053085 |
| #3 | -.044950 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2356.013 | 26165.35 | 2293.925 | 1939.472 | 3246.416 |
| Stddev | 4.699 | 196.27 | 9.912 | 8.659 | 5.265 |
| %RSD | .1994385 | .7500979 | .4320776 | .4464398 | .1621763 |
| #1 | 2360.888 | 25975.46 | 2304.724 | 1933.768 | 3249.494 |
| #2 | 2355.640 | 26153.14 | 2285.243 | 1935.213 | 3249.417 |
| #3 | 2351.512 | 26367.43 | 2291.807 | 1949.435 | 3240.337 |