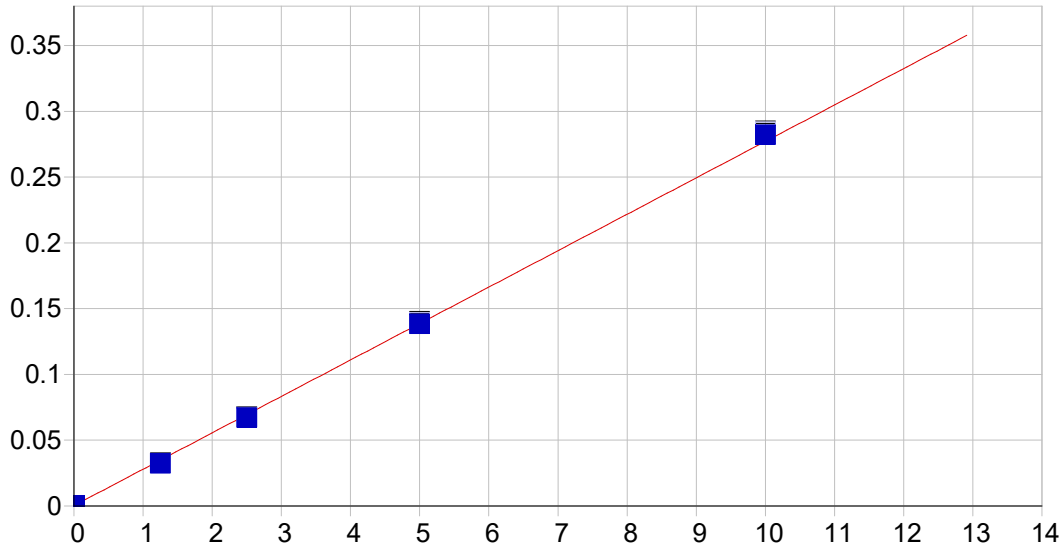
Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



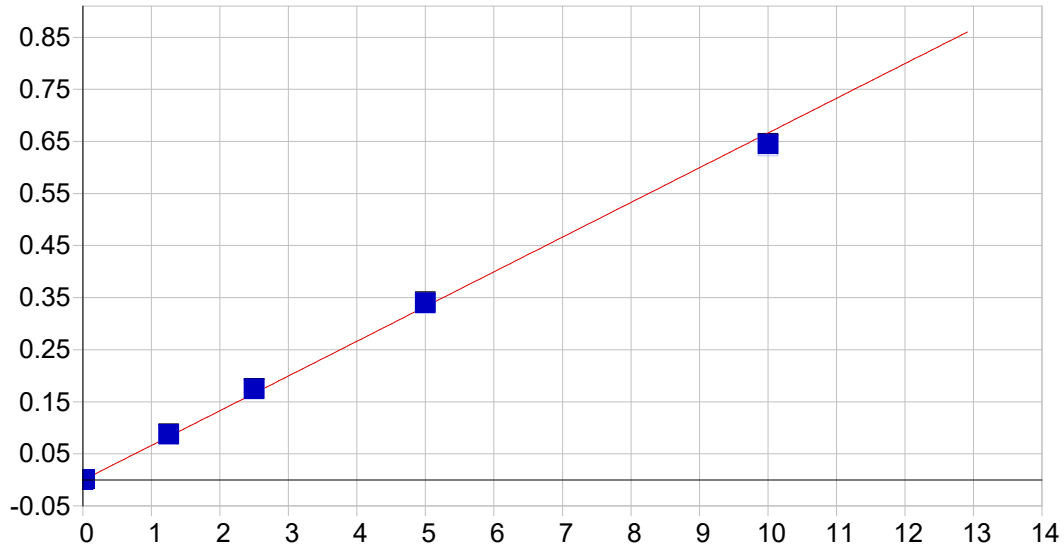

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000258 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.027689 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999674 | Status: | OK. |
| Std Error of Est: | 0.000012 | | |
| Predicted MDL: | 0.005765 | | |
| Predicted MQL: | 0.019218 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00026 | .000 | 1 |
| S1 | .01000 | .00854 | -.001 | -14.6 | .00050 | .000 | 1 |
| S2 | 1.2500 | 1.1625 | -.087 | -7.00 | .03271 | .000 | 1 |
| S3 | 2.5000 | 2.4176 | -.082 | -3.30 | .06772 | .000 | 1 |
| S4 | 5.0000 | 4.9889 | -.011 | -.221 | .13943 | .001 | 1 |
| S5 | 10.000 | 10.182 | .182 | 1.82 | .28427 | .001 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



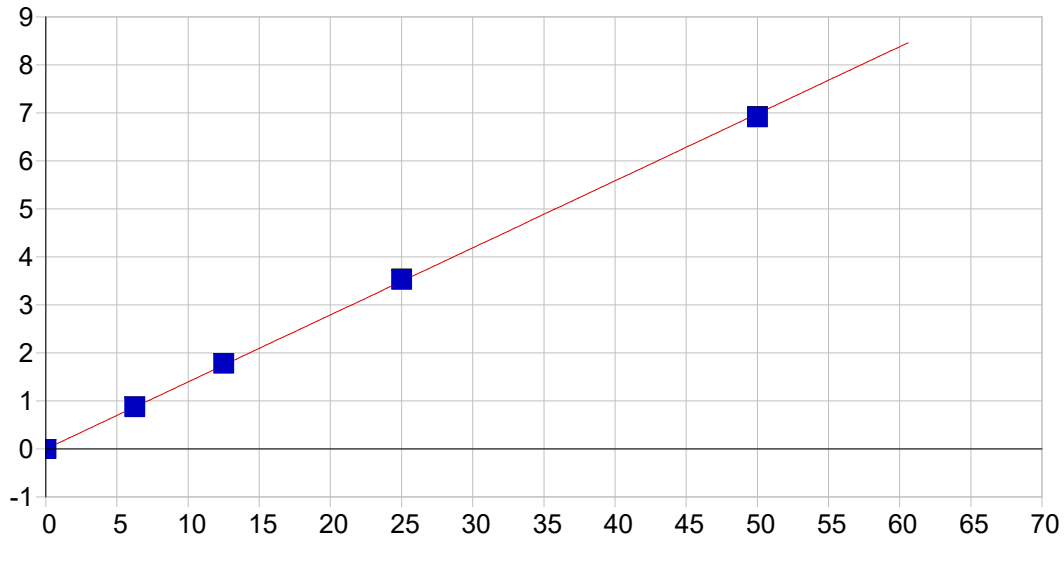

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000436 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.066659 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999362 | Status: | OK. |
| Std Error of Est: | 0.000063 | | |
| Predicted MDL: | 0.003230 | | |
| Predicted MQL: | 0.010767 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | -.00044 | .000 | 1 |
| S1 | .02500 | .02987 | .005 | 19.5 | .00152 | .000 | 1 |
| S2 | 1.2500 | 1.3223 | .072 | 5.79 | .08714 | .001 | 1 |
| S3 | 2.5000 | 2.6270 | .127 | 5.08 | .17353 | .001 | 1 |
| S4 | 5.0000 | 5.1079 | .108 | 2.16 | .33776 | .002 | 1 |
| S5 | 10.000 | 9.6880 | -.312 | -3.12 | .64077 | .001 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



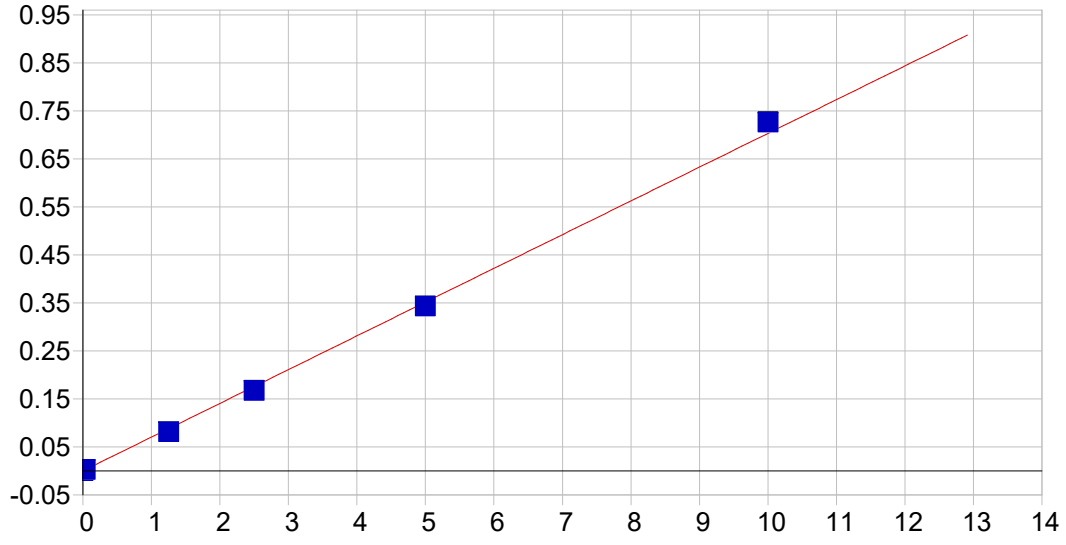

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000729 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.139660 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999934 | Status: | OK. |
| Std Error of Est: | 0.000060 | | |
| Predicted MDL: | 0.003452 | | |
| Predicted MQL: | 0.011505 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00073 | .000 | 1 |
| S1 | .01000 | .01047 | .000 | 4.73 | .00074 | .001 | 1 |
| S2 | 6.2500 | 6.2739 | .024 | .383 | .87527 | .004 | 1 |
| S3 | 12.500 | 12.735 | .235 | 1.88 | 1.7775 | .001 | 1 |
| S4 | 25.000 | 25.254 | .254 | 1.02 | 3.5254 | .011 | 1 |
| S5 | 50.000 | 49.486 | -.514 | -1.03 | 6.9087 | .010 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



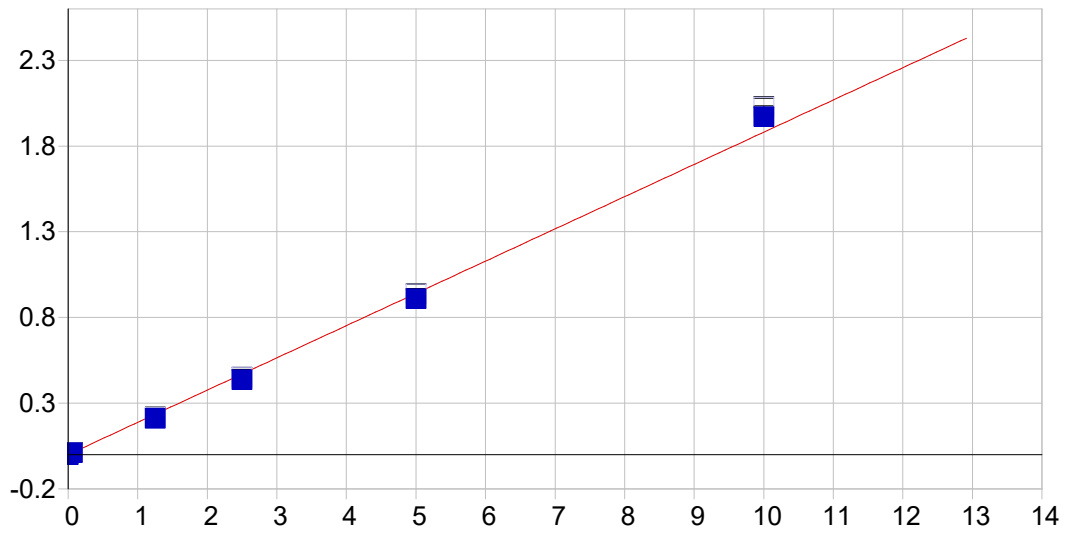

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000074 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.070309 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999278 | Status: | OK. |
| Std Error of Est: | 0.000084 | | |
| Predicted MDL: | 0.005855 | | |
| Predicted MQL: | 0.019517 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00007 | .000 | 1 |
| S1 | .03500 | .03532 | .000 | .912 | .00255 | .000 | 1 |
| S2 | 1.2500 | 1.1569 | -.093 | -7.45 | .08125 | .001 | 1 |
| S3 | 2.5000 | 2.3785 | -.121 | -4.86 | .16697 | .001 | 1 |
| S4 | 5.0000 | 4.8786 | -.121 | -2.43 | .34241 | .000 | 1 |
| S5 | 10.000 | 10.336 | .336 | 3.36 | .72542 | .001 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



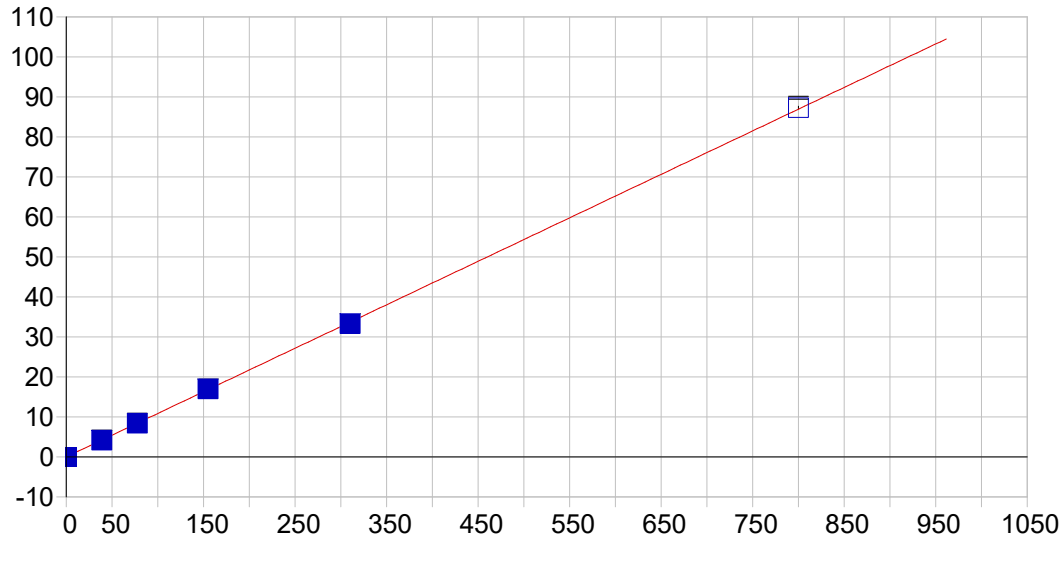

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000152 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.188074 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998624 | Status: | OK. |
| Std Error of Est: | 0.000418 | | |
| Predicted MDL: | 0.002641 | | |
| Predicted MQL: | 0.008802 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00002 | .000 | .000 | .00016 | .000 | 1 |
| S1 | .06000 | .05281 | -.007 | -12.0 | .01008 | .000 | 1 |
| S2 | 1.2500 | 1.1218 | -.128 | -10.3 | .21807 | .002 | 1 |
| S3 | 2.5000 | 2.3238 | -.176 | -7.05 | .45108 | .001 | 1 |
| S4 | 5.0000 | 4.8327 | -.167 | -3.35 | .93681 | .001 | 1 |
| S5 | 10.000 | 10.479 | .479 | 4.79 | 2.0264 | .005 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



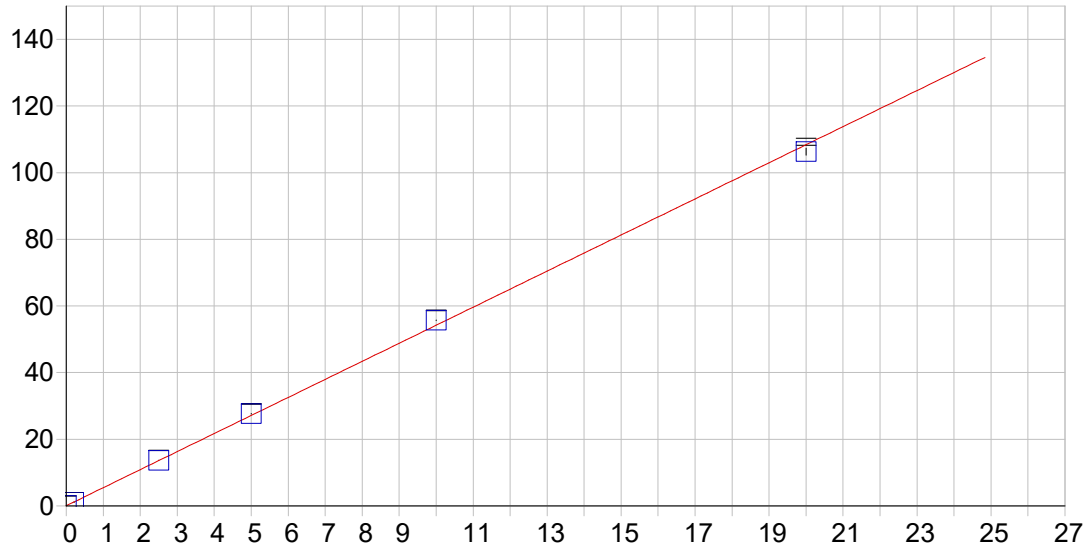

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:18:49 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001806 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.108679 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999970 | Status: | OK. |
| Std Error of Est: | 0.000522 | | |
| Predicted MDL: | 0.015601 | | |
| Predicted MQL: | 0.052004 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | -.00180 | .001 | 1 |
| S1 | .20000 | .19130 | -.009 | -4.35 | .01902 | .001 | 1 |
| S2 | 38.750 | 38.007 | -.743 | -1.92 | 4.1338 | .010 | 1 |
| S3 | 77.500 | 77.177 | -.323 | -.416 | 8.3958 | .034 | 1 |
| S4 | 155.00 | 156.28 | 1.28 | .823 | 17.002 | .036 | 1 |
| S5 | 310.00 | 306.41 | -3.59 | -1.16 | 33.339 | .024 | 1 |
| S6 | 800.00 | 803.39 | 3.39 | .424 | 87.310 | .336 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



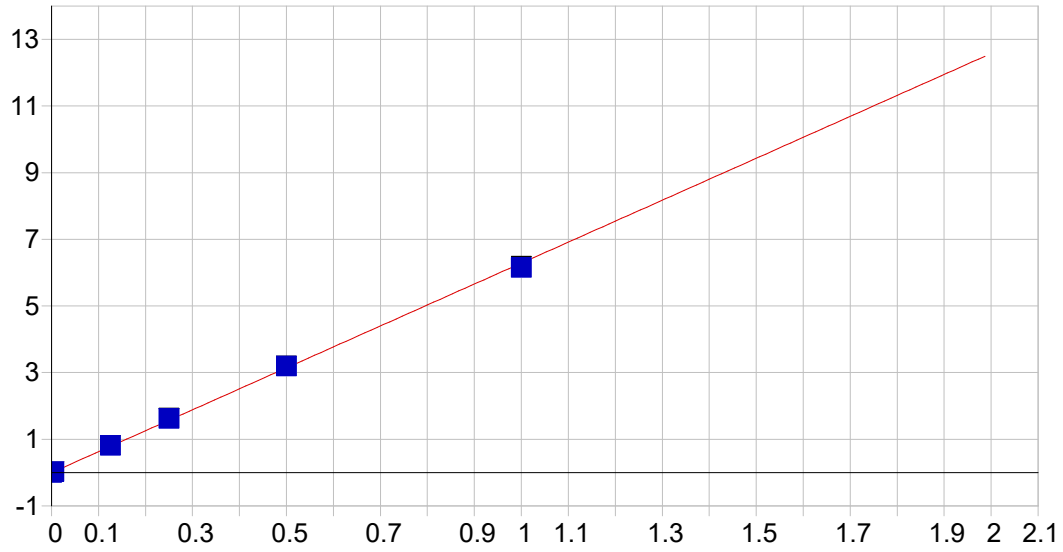

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.050729 | Re-Slope: | 1.000000 |
| A1 (Gain): | 5.417076 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999766 | Status: | OK. |
| Std Error of Est: | 0.012454 | | |
| Predicted MDL: | 0.000983 | | |
| Predicted MQL: | 0.003275 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | .05063 | .004 | 1 |
| S1 | .20000 | .21089 | .011 | 5.44 | 1.1931 | .004 | 1 |
| S2 | 2.5000 | 2.5134 | .013 | .538 | 13.666 | .018 | 1 |
| S3 | 5.0000 | 5.0951 | .095 | 1.90 | 27.651 | .056 | 1 |
| S4 | 10.000 | 10.273 | .273 | 2.73 | 55.701 | .052 | 1 |
| S5 | 20.000 | 19.607 | -.393 | -1.96 | 106.27 | 1.06 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



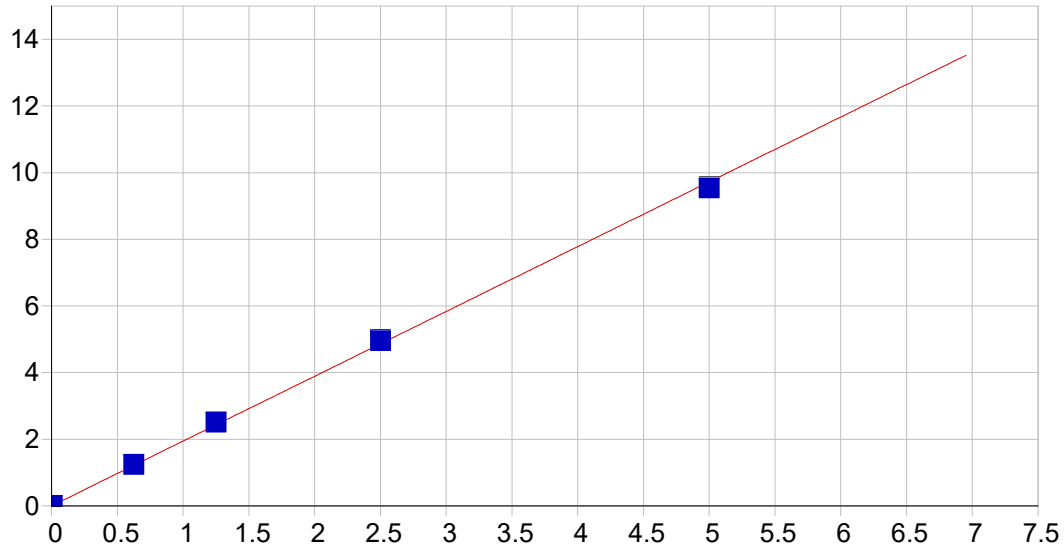

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.002322 | Re-Slope: | 1.000000 |
| A1 (Gain): | 6.289402 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999720 | Status: | OK. |
| Std Error of Est: | 0.000558 | | |
| Predicted MDL: | 0.000156 | | |
| Predicted MQL: | 0.000519 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00233 | .000 | 1 |
| S1 | .00500 | .00541 | .000 | 8.18 | .03168 | .000 | 1 |
| S2 | .12500 | .12937 | .004 | 3.50 | .81007 | .007 | 1 |
| S3 | .25000 | .25855 | .009 | 3.42 | 1.6212 | .006 | 1 |
| S4 | .50000 | .50786 | .008 | 1.57 | 3.1868 | .003 | 1 |
| S5 | 1.0000 | .97881 | -.021 | -2.12 | 6.1437 | .041 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



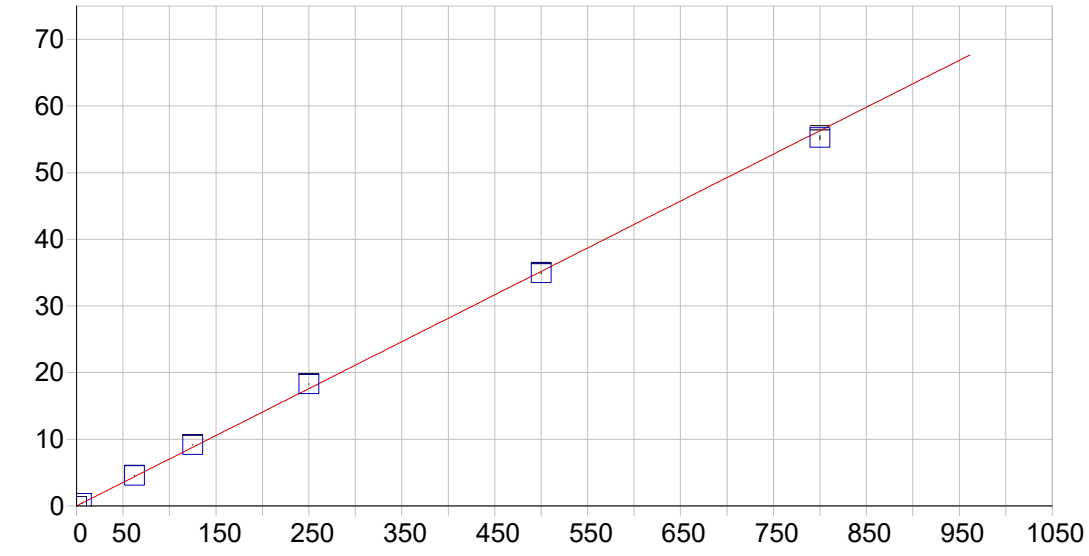

**Cd 214.438 {457}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000187 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.945197 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999768 | Status: | OK. |
| Std Error of Est: | 0.000352 | | |
| Predicted MDL: | 0.000150 | | |
| Predicted MQL: | 0.000500 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00019 | .000 | 1 |
| S1 | .00500 | .00534 | .000 | 6.73 | .01058 | .000 | 1 |
| S2 | .62500 | .63702 | .012 | 1.92 | 1.2422 | .003 | 1 |
| S3 | 1.2500 | 1.2902 | .040 | 3.22 | 2.5157 | .005 | 1 |
| S4 | 2.5000 | 2.5464 | .046 | 1.86 | 4.9651 | .018 | 1 |
| S5 | 5.0000 | 4.9010 | -.099 | -1.98 | 9.5570 | .013 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



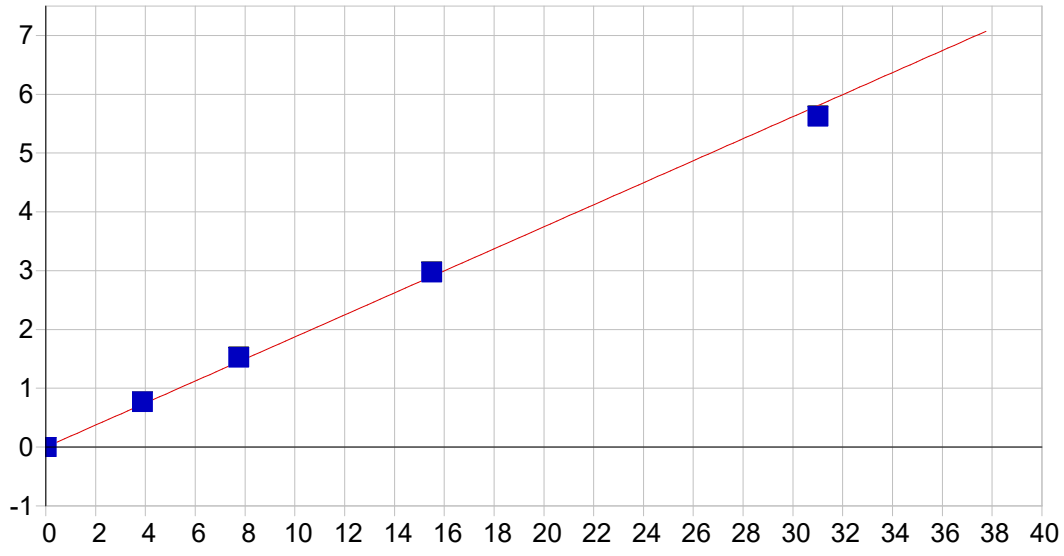

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:18:49 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004745 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.070371 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999695 | Status: | OK. |
| Std Error of Est: | 0.006065 | | |
| Predicted MDL: | 0.019268 | | |
| Predicted MQL: | 0.064226 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00098 | -.001 | .000 | .00468 | .000 | 1 |
| S1 | 5.0000 | 5.4978 | .498 | 9.96 | .39163 | .002 | 1 |
| S2 | 62.500 | 64.900 | 2.40 | 3.84 | 4.5718 | .027 | 1 |
| S3 | 125.00 | 130.39 | 5.39 | 4.31 | 9.1804 | .060 | 1 |
| S4 | 250.00 | 259.84 | 9.84 | 3.94 | 18.290 | .052 | 1 |
| S5 | 500.00 | 496.87 | -3.13 | -.626 | 34.970 | .092 | 1 |
| S6 | 800.00 | 785.00 | -15.0 | -1.87 | 55.246 | .293 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



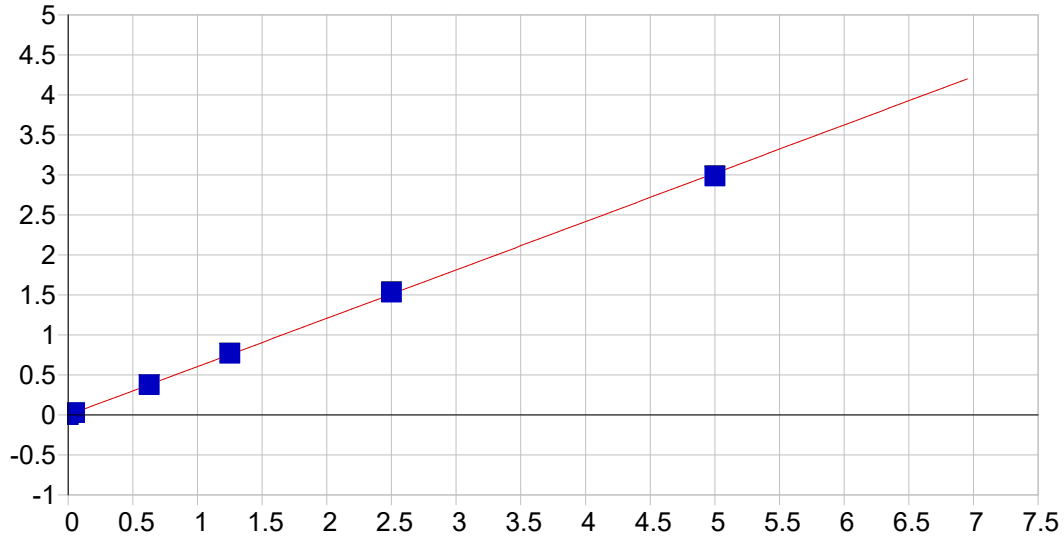

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000057 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.187311 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999380 | Status: | OK. |
| Std Error of Est: | 0.000195 | | |
| Predicted MDL: | 0.001036 | | |
| Predicted MQL: | 0.003455 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00006 | .000 | 1 |
| S1 | .01000 | .01018 | .000 | 1.83 | .00185 | .000 | 1 |
| S2 | 3.8750 | 4.0959 | .221 | 5.70 | .76796 | .001 | 1 |
| S3 | 7.7500 | 8.1381 | .388 | 5.01 | 1.5259 | .005 | 1 |
| S4 | 15.500 | 15.875 | .375 | 2.42 | 2.9768 | .005 | 1 |
| S5 | 31.000 | 30.016 | -.984 | -3.18 | 5.6287 | .006 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



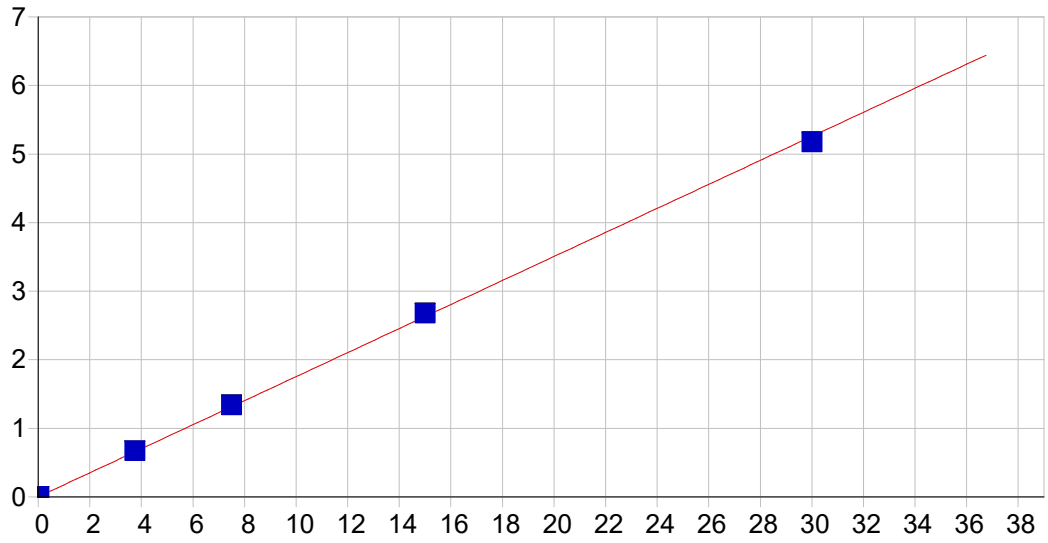

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000600 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.604207 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999901 | Status: | OK. |
| Std Error of Est: | 0.000227 | | |
| Predicted MDL: | 0.000558 | | |
| Predicted MQL: | 0.001861 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00060 | .000 | 1 |
| S1 | .05000 | .05028 | .000 | .568 | .02989 | .000 | 1 |
| S2 | .62500 | .62492 | -.000 | -.013 | .37744 | .002 | 1 |
| S3 | 1.2500 | 1.2742 | .024 | 1.93 | .77018 | .001 | 1 |
| S4 | 2.5000 | 2.5390 | .039 | 1.56 | 1.5353 | .005 | 1 |
| S5 | 5.0000 | 4.9367 | -.063 | -1.27 | 2.9859 | .003 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



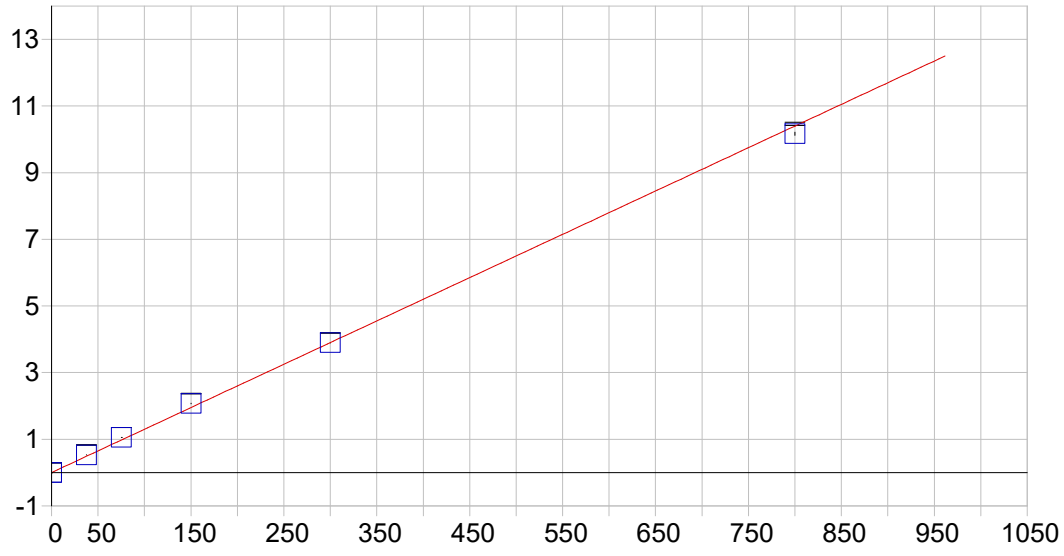

**Cu 324.754 {104}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001525 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.175241 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999847 | Status: | OK. |
| Std Error of Est: | 0.000141 | | |
| Predicted MDL: | 0.004679 | | |
| Predicted MQL: | 0.015598 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00152 | .000 | 1 |
| S1 | .02500 | .02676 | .002 | 7.05 | .00621 | .001 | 1 |
| S2 | 3.7500 | 3.8171 | .067 | 1.79 | .67002 | .004 | 1 |
| S3 | 7.5000 | 7.6384 | .138 | 1.85 | 1.3393 | .006 | 1 |
| S4 | 15.000 | 15.282 | .282 | 1.88 | 2.6779 | .001 | 1 |
| S5 | 30.000 | 29.511 | -.489 | -1.63 | 5.1696 | .007 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



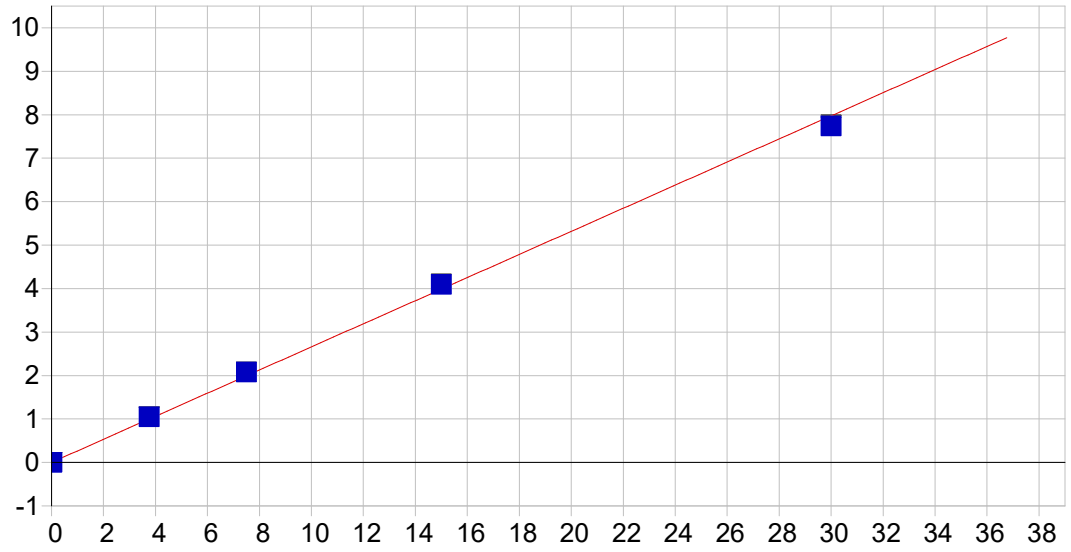

**Fe 259.837 {130}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:18:49 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000550 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.013000 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999355 | Status: | OK. |
| Std Error of Est: | 0.000204 | | |
| Predicted MDL: | 0.029084 | | |
| Predicted MQL: | 0.096946 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00055 | .001 | 1 |
| S1 | .10000 | .08927 | -.011 | -10.7 | .00171 | .000 | 1 |
| S2 | 37.500 | 40.722 | 3.22 | 8.59 | .52993 | .003 | 1 |
| S3 | 75.000 | 81.095 | 6.10 | 8.13 | 1.0548 | .004 | 1 |
| S4 | 150.00 | 159.31 | 9.31 | 6.21 | 2.0716 | .007 | 1 |
| S5 | 300.00 | 299.42 | -.584 | -.195 | 3.8929 | .007 | 1 |
| S6 | 800.00 | 781.96 | -18.0 | -2.25 | 10.166 | .049 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



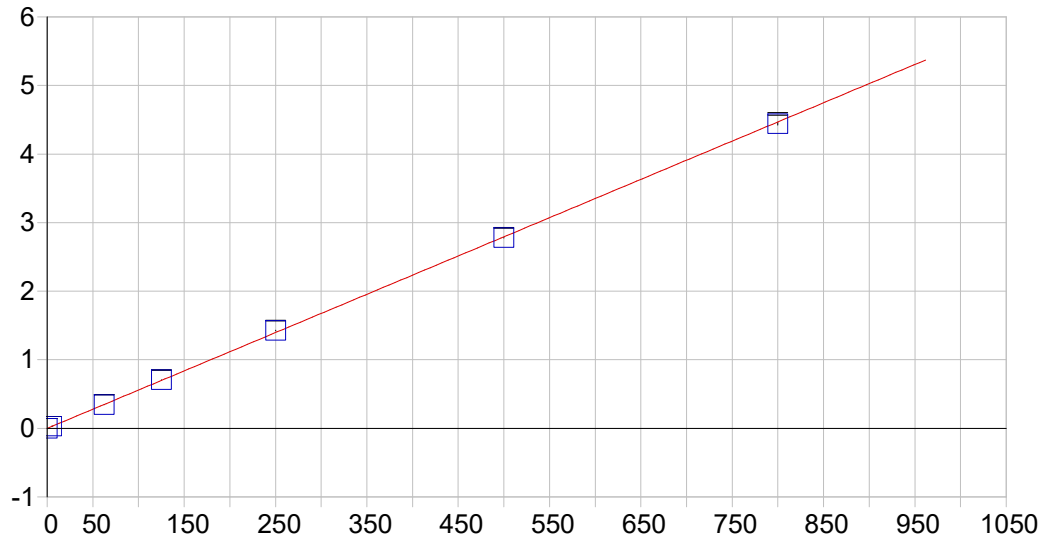

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000047 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.265838 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999476 | Status: | OK. |
| Std Error of Est: | 0.000306 | | |
| Predicted MDL: | 0.001498 | | |
| Predicted MQL: | 0.004992 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00005 | .000 | 1 |
| S1 | .01500 | .01738 | .002 | 15.9 | .00458 | .000 | 1 |
| S2 | 3.7500 | 3.9281 | .178 | 4.75 | 1.0443 | .001 | 1 |
| S3 | 7.5000 | 7.8037 | .304 | 4.05 | 2.0748 | .005 | 1 |
| S4 | 15.000 | 15.410 | .410 | 2.74 | 4.0972 | .002 | 1 |
| S5 | 30.000 | 29.105 | -.895 | -2.98 | 7.7385 | .024 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



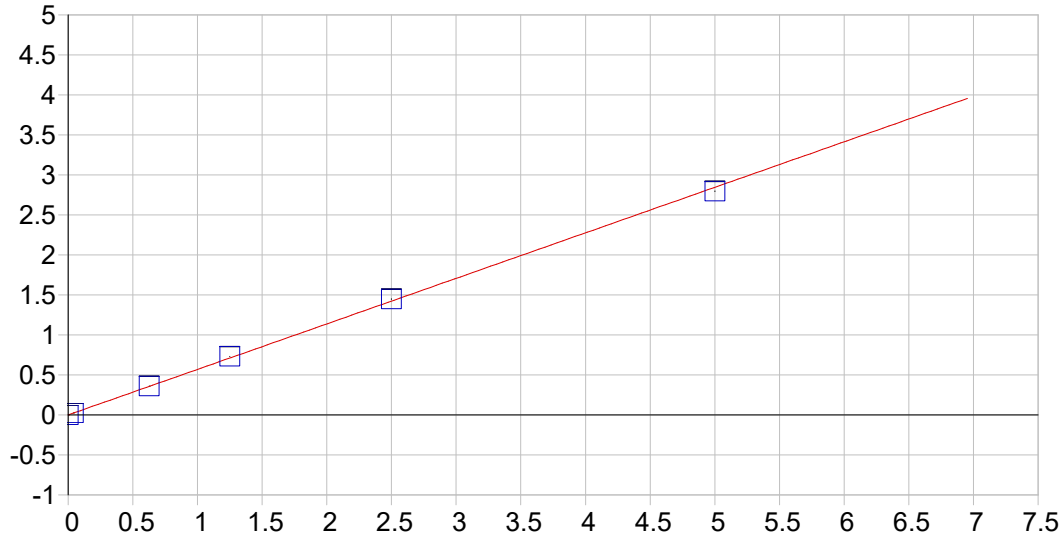

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:18:49 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000197 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.005586 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999929 | Status: | OK. |
| Std Error of Est: | 0.000232 | | |
| Predicted MDL: | 0.080500 | | |
| Predicted MQL: | 0.268335 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00058 | -.001 | .000 | -.00020 | .000 | 1 |
| S1 | 5.0000 | 5.5055 | .505 | 10.1 | .03056 | .001 | 1 |
| S2 | 62.500 | 61.988 | -.512 | -.820 | .34607 | .001 | 1 |
| S3 | 125.00 | 126.41 | 1.41 | 1.13 | .70593 | .001 | 1 |
| S4 | 250.00 | 255.81 | 5.81 | 2.33 | 1.4288 | .005 | 1 |
| S5 | 500.00 | 497.74 | -2.26 | -.452 | 2.7802 | .007 | 1 |
| S6 | 800.00 | 795.05 | -4.95 | -.619 | 4.4409 | .019 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



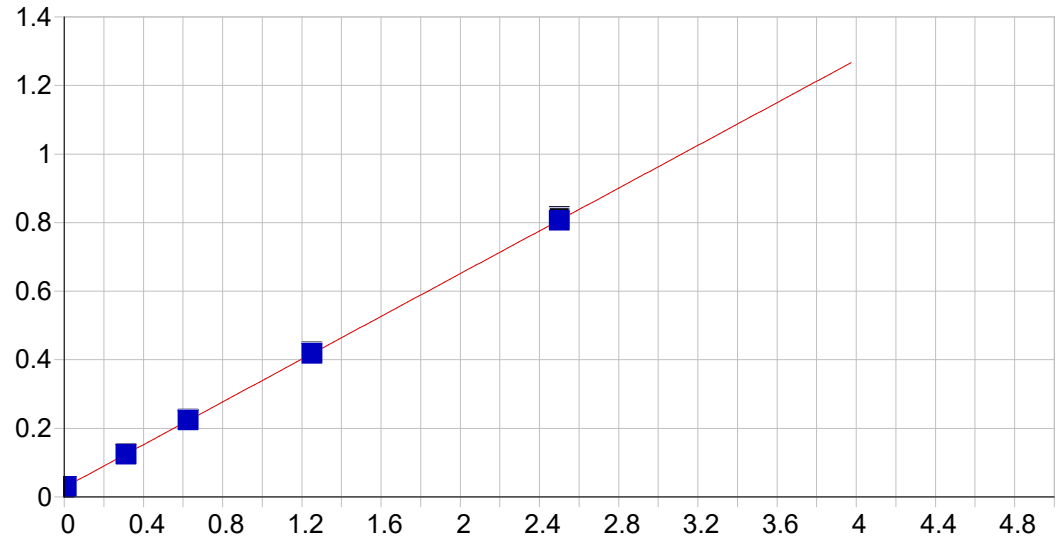

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000129 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.568997 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999818 | Status: | OK. |
| Std Error of Est: | 0.000258 | | |
| Predicted MDL: | 0.000629 | | |
| Predicted MQL: | 0.002095 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00013 | .000 | 1 |
| S1 | .04000 | .04203 | .002 | 5.08 | .02379 | .000 | 1 |
| S2 | .62500 | .63309 | .008 | 1.29 | .36010 | .002 | 1 |
| S3 | 1.2500 | 1.2833 | .033 | 2.67 | .73008 | .000 | 1 |
| S4 | 2.5000 | 2.5444 | .044 | 1.78 | 1.4476 | .003 | 1 |
| S5 | 5.0000 | 4.9121 | -.088 | -1.76 | 2.7949 | .004 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



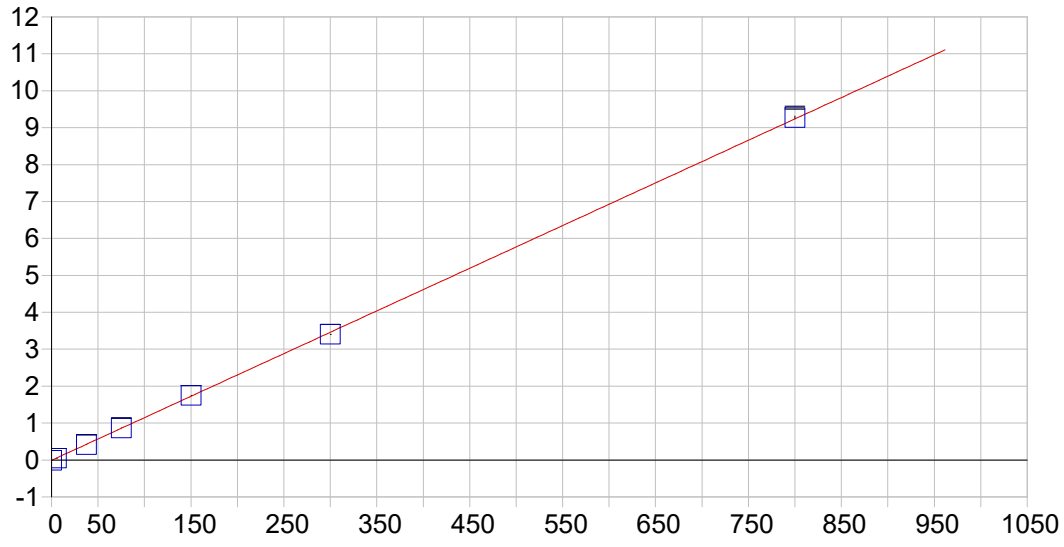

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.027832 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.311724 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000011 | | |
| Predicted MDL: | n/a | | |
| Predicted MQL: | n/a | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .02783 | .000 | 1 |
| S1 | .01000 | .01042 | .000 | 4.16 | .03107 | .000 | 1 |
| S2 | .31250 | .30860 | -.004 | -1.25 | .12508 | .000 | 1 |
| S3 | .62500 | .62789 | .003 | .462 | .22566 | .001 | 1 |
| S4 | 1.2500 | 1.2520 | .002 | .158 | .42230 | .001 | 1 |
| S5 | 2.5000 | 2.4986 | -.001 | -.055 | .81511 | .003 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



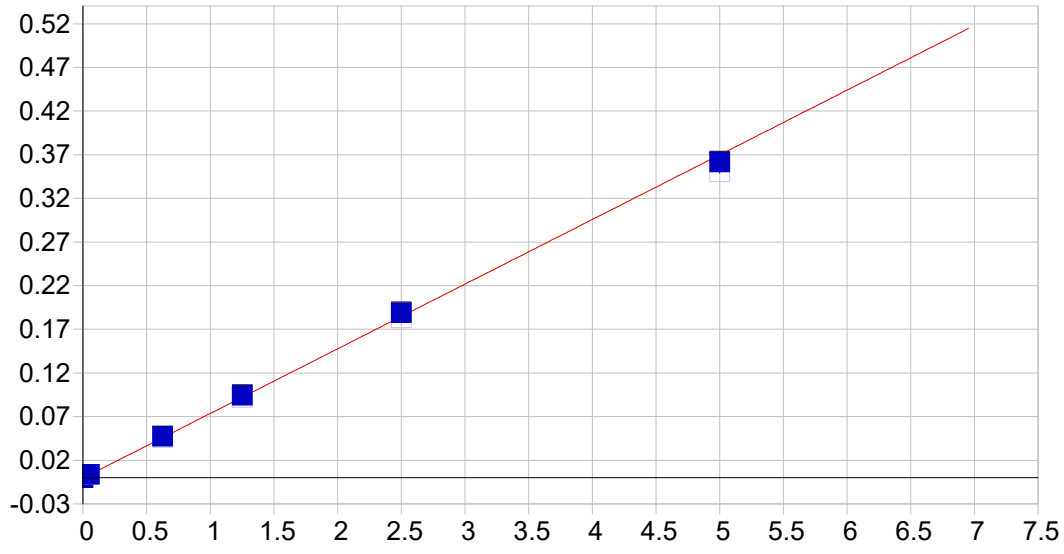

**Na 818.326 { 41}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:18:49 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.008595 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.011558 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999948 | Status: | OK. |
| Std Error of Est: | 0.000366 | | |
| Predicted MDL: | 0.328471 | | |
| Predicted MQL: | 1.094904 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00003 | -.000 | .000 | -.00860 | .002 | 1 |
| S1 | 5.0000 | 5.0828 | .083 | 1.66 | .05015 | .000 | 1 |
| S2 | 37.500 | 36.791 | -.709 | -1.89 | .41665 | .005 | 1 |
| S3 | 75.000 | 75.478 | .478 | .637 | .86380 | .005 | 1 |
| S4 | 150.00 | 152.10 | 2.10 | 1.40 | 1.7494 | .001 | 1 |
| S5 | 300.00 | 294.98 | -5.02 | -1.67 | 3.4008 | .002 | 1 |
| S6 | 800.00 | 803.07 | 3.07 | .384 | 9.2735 | .042 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



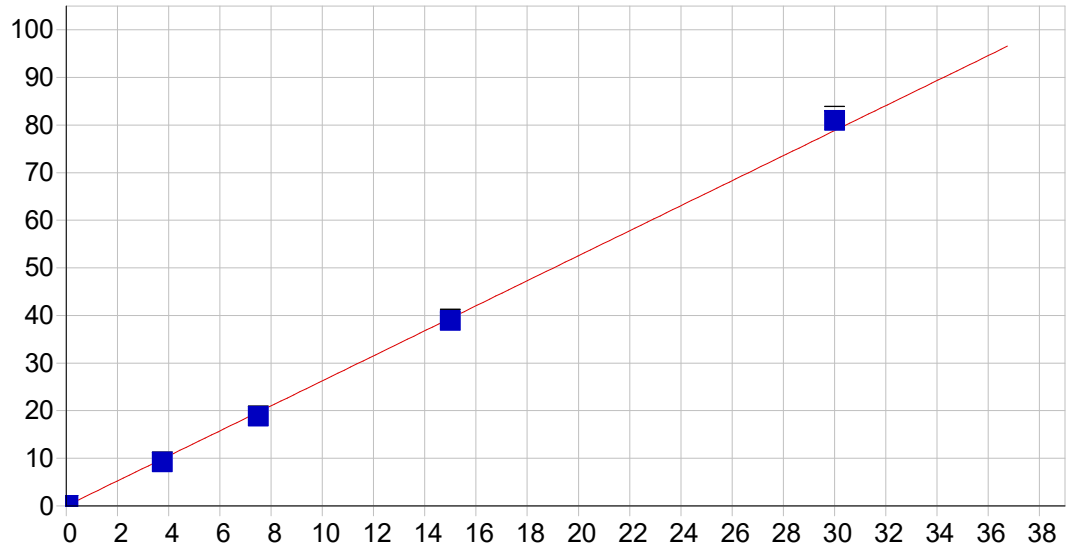

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000470 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.074080 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999636 | Status: | OK. |
| Std Error of Est: | 0.000052 | | |
| Predicted MDL: | 0.010990 | | |
| Predicted MQL: | 0.036632 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | -.00047 | .000 | 1 |
| S1 | .05000 | .05800 | .008 | 16.0 | .00382 | .000 | 1 |
| S2 | .62500 | .64538 | .020 | 3.26 | .04592 | .000 | 1 |
| S3 | 1.2500 | 1.2803 | .030 | 2.42 | .09153 | .001 | 1 |
| S4 | 2.5000 | 2.5547 | .055 | 2.19 | .18309 | .001 | 1 |
| S5 | 5.0000 | 4.8865 | -.114 | -2.27 | .35014 | .001 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



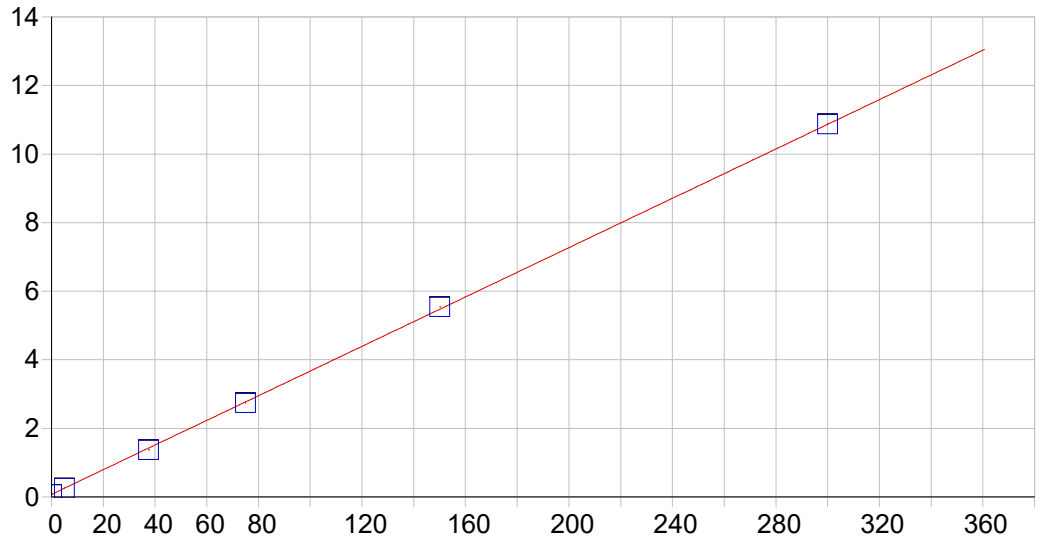

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.003495 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.627456 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999498 | Status: | OK. |
| Std Error of Est: | 0.005930 | | |
| Predicted MDL: | 0.000498 | | |
| Predicted MQL: | 0.001661 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00352 | .000 | 1 |
| S1 | .06000 | .05708 | -.003 | -4.86 | .15425 | .000 | 1 |
| S2 | 3.7500 | 3.4931 | -.257 | -6.85 | 9.1935 | .004 | 1 |
| S3 | 7.5000 | 7.1599 | -.340 | -4.53 | 18.840 | .067 | 1 |
| S4 | 15.000 | 14.806 | -.194 | -1.29 | 38.954 | .309 | 1 |
| S5 | 30.000 | 30.794 | .794 | 2.65 | 81.008 | .868 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



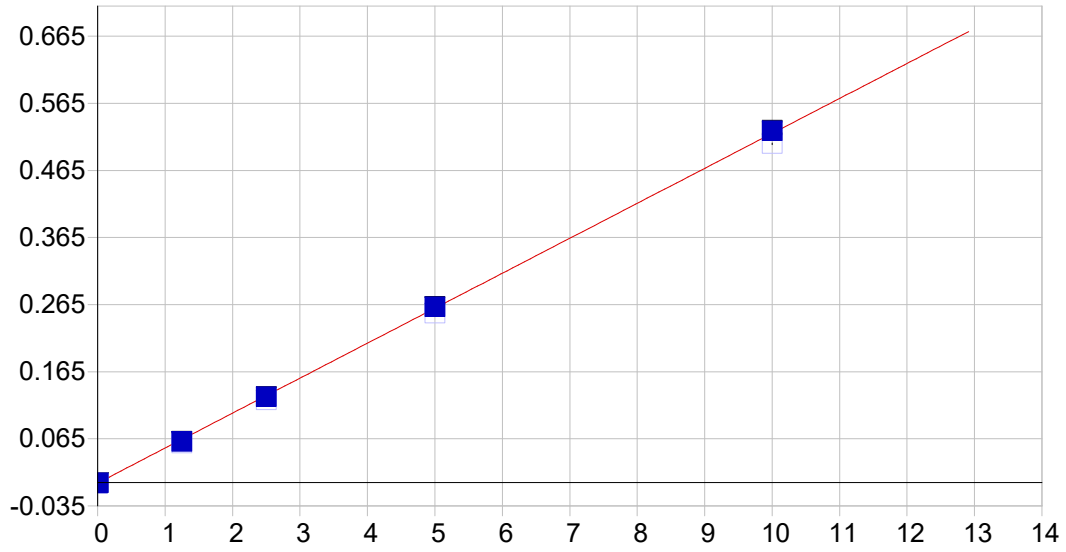

**K 769.896 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.073961 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.035980 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999919 | Status: | OK. |
| Std Error of Est: | 0.000944 | | |
| Predicted MDL: | 0.137458 | | |
| Predicted MQL: | 0.458194 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00017 | .000 | .000 | .07397 | .005 | 1 |
| S1 | 5.0000 | 5.0020 | .002 | .041 | .25393 | .006 | 1 |
| S2 | 37.500 | 36.044 | -1.46 | -3.88 | 1.3708 | .003 | 1 |
| S3 | 75.000 | 74.208 | -.792 | -1.06 | 2.7440 | .010 | 1 |
| S4 | 150.00 | 152.01 | 2.01 | 1.34 | 5.5431 | .004 | 1 |
| S5 | 300.00 | 300.24 | .241 | .080 | 10.877 | .005 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



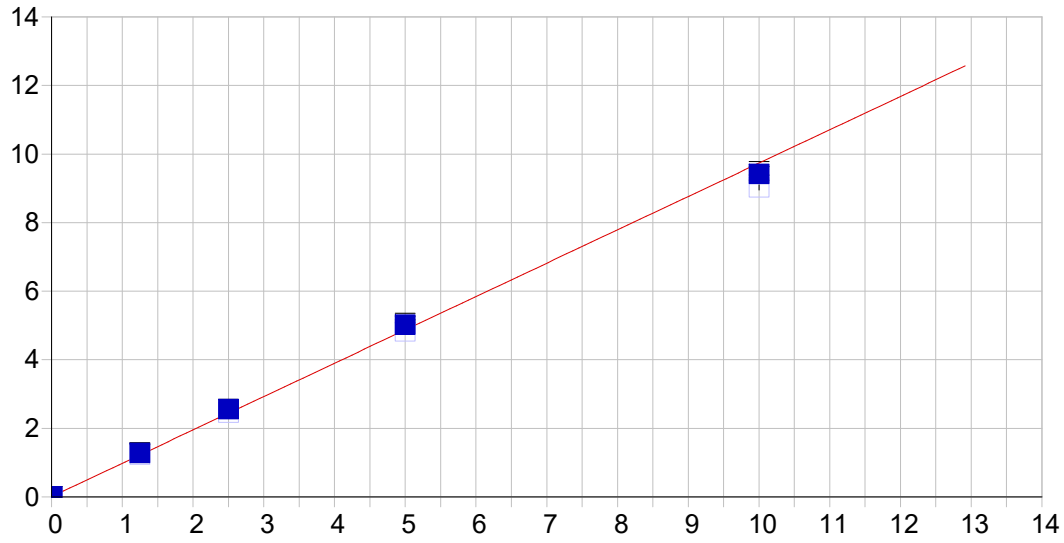

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000900 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.052112 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999789 | Status: | OK. |
| Std Error of Est: | 0.000017 | | |
| Predicted MDL: | 0.003513 | | |
| Predicted MQL: | 0.011712 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | -.00090 | .000 | 1 |
| S1 | .01000 | .00509 | -.005 | -49.1 | -.00065 | .000 | 1 |
| S2 | 1.2500 | 1.1830 | -.067 | -5.36 | .05835 | .001 | 1 |
| S3 | 2.5000 | 2.4633 | -.037 | -1.47 | .12268 | .000 | 1 |
| S4 | 5.0000 | 5.0372 | .037 | .745 | .25202 | .000 | 1 |
| S5 | 10.000 | 10.071 | .071 | .715 | .50478 | .001 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



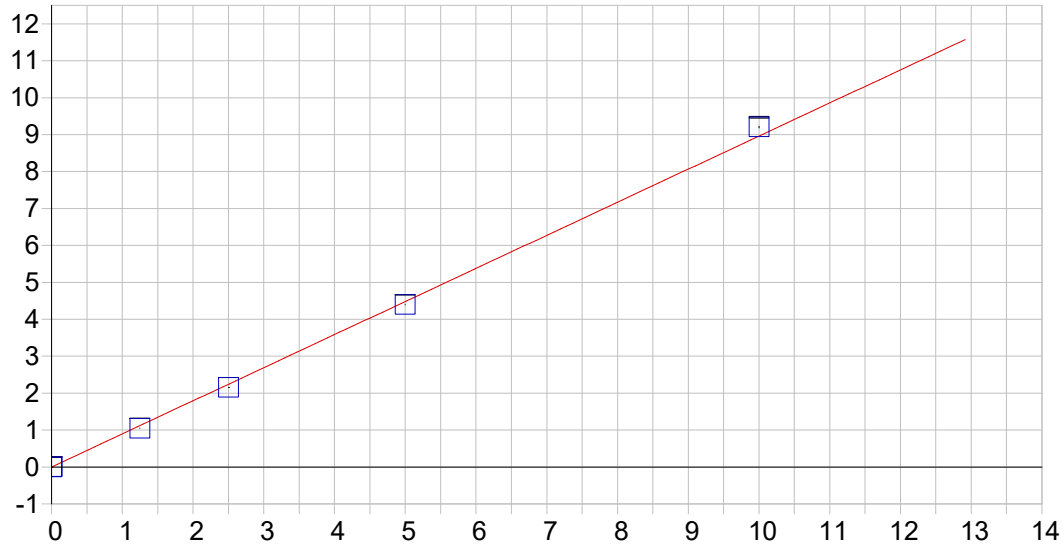

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.008092 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.972721 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999008 | Status: | OK. |
| Std Error of Est: | 0.000698 | | |
| Predicted MDL: | 0.001180 | | |
| Predicted MQL: | 0.003935 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00810 | .001 | 1 |
| S1 | .01000 | -.00023 | -.010 | -102. | .00778 | .001 | 1 |
| S2 | 1.2500 | 1.3097 | .060 | 4.77 | 1.2330 | .004 | 1 |
| S3 | 2.5000 | 2.6188 | .119 | 4.75 | 2.4573 | .006 | 1 |
| S4 | 5.0000 | 5.1560 | .156 | 3.12 | 4.8271 | .042 | 1 |
| S5 | 10.000 | 9.6761 | -.324 | -3.24 | 9.0276 | .072 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



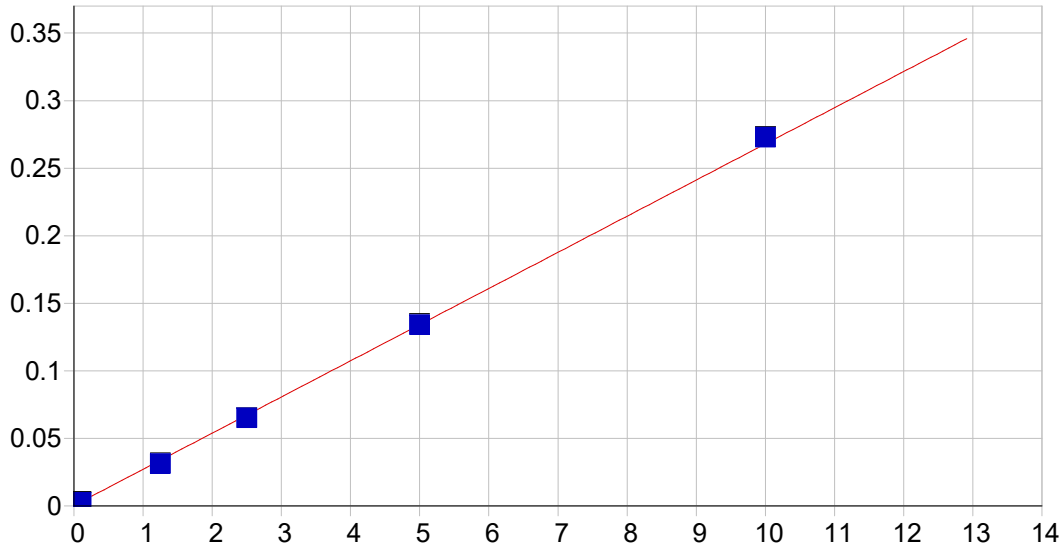

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000272 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.896054 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999522 | Status: | OK. |
| Std Error of Est: | 0.000465 | | |
| Predicted MDL: | 0.000496 | | |
| Predicted MQL: | 0.001655 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00027 | .000 | 1 |
| S1 | .01000 | .00964 | -.000 | -3.58 | .00891 | .000 | 1 |
| S2 | 1.2500 | 1.1701 | -.080 | -6.39 | 1.0487 | .005 | 1 |
| S3 | 2.5000 | 2.4043 | -.096 | -3.83 | 2.1547 | .004 | 1 |
| S4 | 5.0000 | 4.9048 | -.095 | -1.90 | 4.3952 | .007 | 1 |
| S5 | 10.000 | 10.271 | .271 | 2.71 | 9.2038 | .021 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



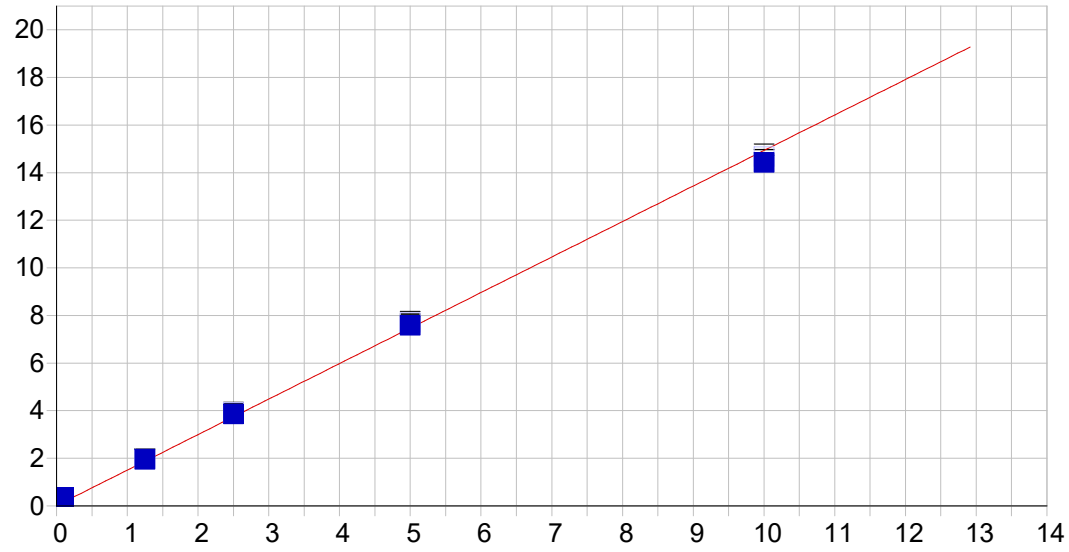

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000353 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.026762 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999644 | Status: | OK. |
| Std Error of Est: | 0.000038 | | |
| Predicted MDL: | 0.006709 | | |
| Predicted MQL: | 0.022363 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00002 | .000 | .000 | .00035 | .000 | 1 |
| S1 | .10000 | .09117 | -.009 | -8.83 | .00279 | .000 | 1 |
| S2 | 1.2500 | 1.1589 | -.091 | -7.29 | .03137 | .000 | 1 |
| S3 | 2.5000 | 2.4186 | -.081 | -3.26 | .06509 | .000 | 1 |
| S4 | 5.0000 | 4.9978 | -.002 | -.044 | .13412 | .001 | 1 |
| S5 | 10.000 | 10.184 | .184 | 1.84 | .27292 | .000 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



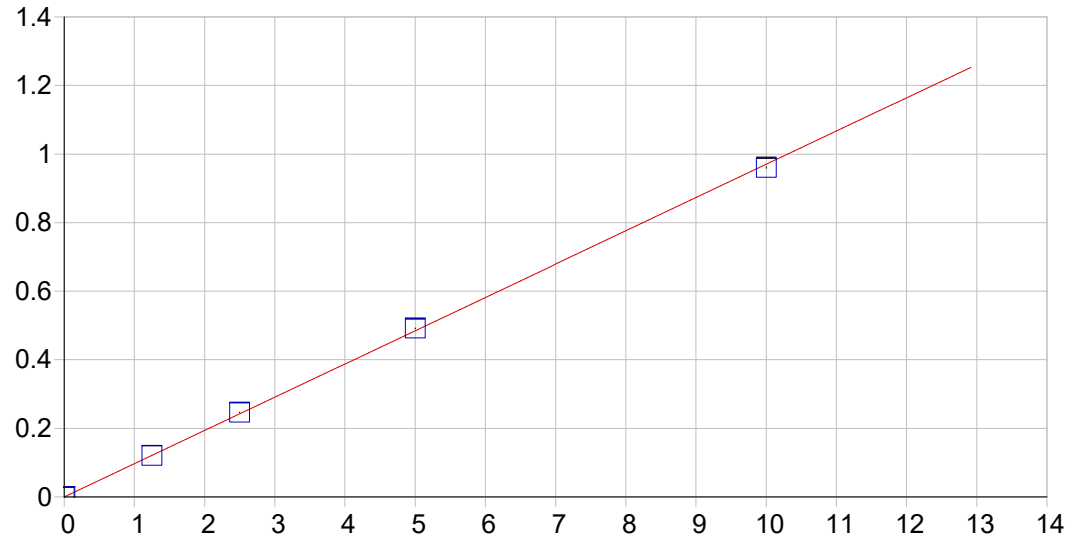

**Si 251.611 {134}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.012695 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.491878 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.995169 | Status: | OK. |
| Std Error of Est: | 0.007947 | | |
| Predicted MDL: | 0.000649 | | |
| Predicted MQL: | 0.002162 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00014 | -.000 | .000 | .01249 | .001 | 1 |
| S1 | .10000 | .23126 | .131 | 131. | .35870 | .001 | 1 |
| S2 | 1.2500 | 1.3000 | .050 | 4.00 | 1.9822 | .005 | 1 |
| S3 | 2.5000 | 2.5815 | .081 | 3.26 | 3.9243 | .009 | 1 |
| S4 | 5.0000 | 5.0731 | .073 | 1.46 | 7.7018 | .049 | 1 |
| S5 | 10.000 | 9.6654 | -.335 | -3.35 | 14.674 | .111 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



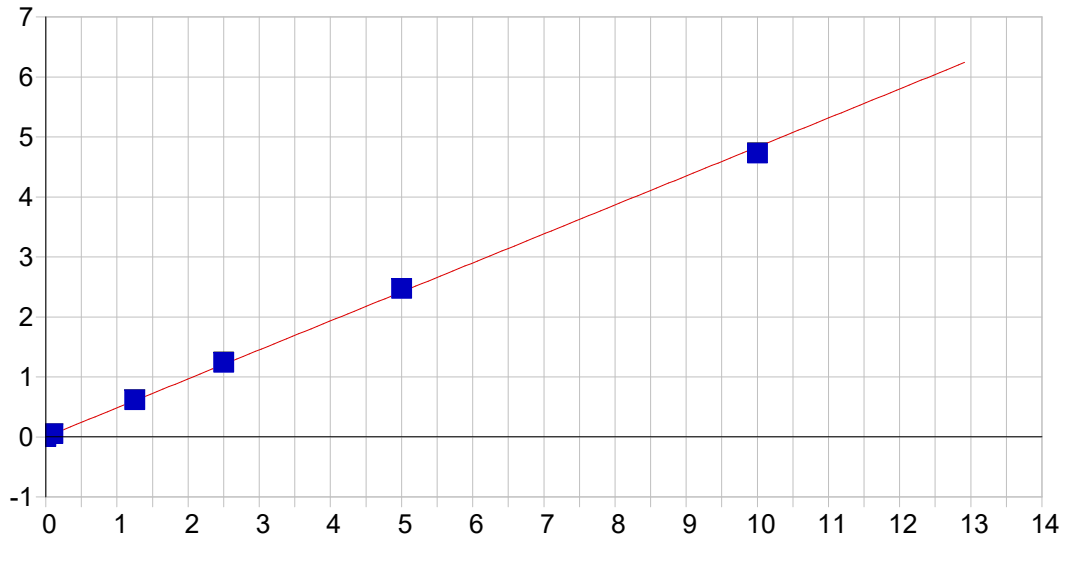

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000091 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.096977 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999934 | Status: | OK. |
| Std Error of Est: | 0.000016 | | |
| Predicted MDL: | 0.001871 | | |
| Predicted MQL: | 0.006236 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00009 | .000 | 1 |
| S1 | .00700 | .00733 | .000 | 4.65 | .00080 | .000 | 1 |
| S2 | 1.2500 | 1.2449 | -.005 | -.404 | .12082 | .001 | 1 |
| S3 | 2.5000 | 2.5361 | .036 | 1.45 | .24604 | .001 | 1 |
| S4 | 5.0000 | 5.0683 | .068 | 1.37 | .49160 | .002 | 1 |
| S5 | 10.000 | 9.9002 | -.100 | -.998 | .96018 | .002 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



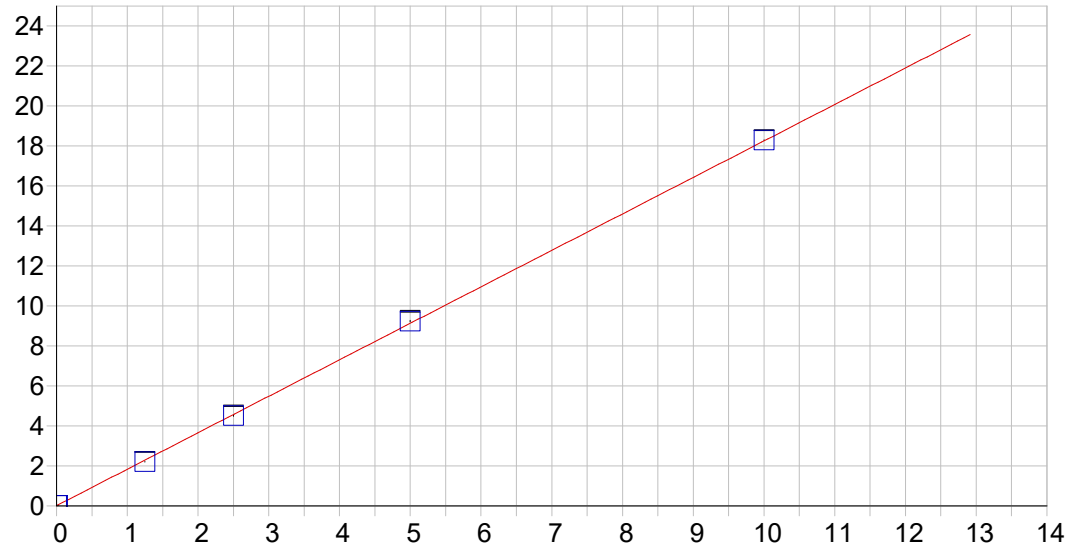

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000387 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.483196 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999739 | Status: | OK. |
| Std Error of Est: | 0.000587 | | |
| Predicted MDL: | 0.001975 | | |
| Predicted MQL: | 0.006582 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00038 | .001 | 1 |
| S1 | .10000 | .10579 | .006 | 5.79 | .05148 | .000 | 1 |
| S2 | 1.2500 | 1.2767 | .027 | 2.13 | .61697 | .002 | 1 |
| S3 | 2.5000 | 2.5673 | .067 | 2.69 | 1.2403 | .005 | 1 |
| S4 | 5.0000 | 5.1136 | .114 | 2.27 | 2.4701 | .003 | 1 |
| S5 | 10.000 | 9.7867 | -.213 | -2.13 | 4.7268 | .003 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5



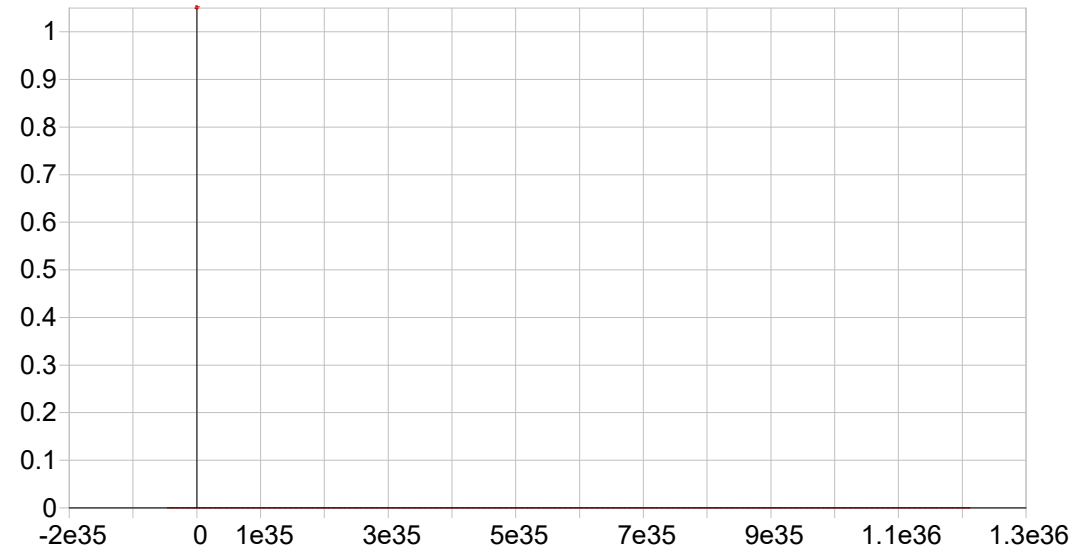

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.010990 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.824280 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999925 | Status: | OK. |
| Std Error of Est: | 0.000460 | | |
| Predicted MDL: | 0.002057 | | |
| Predicted MQL: | 0.006855 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .01099 | .002 | 1 |
| S5 | 10.000 | 10.019 | .019 | .194 | 18.289 | .019 | 1 |
| S4 | 5.0000 | 5.0583 | .058 | 1.17 | 9.2387 | .042 | 1 |
| S3 | 2.5000 | 2.4687 | -.031 | -1.25 | 4.5146 | .038 | 1 |
| S2 | 1.2500 | 1.2048 | -.045 | -3.62 | 2.2088 | .018 | 1 |
| S1 | .01500 | .01391 | -.001 | -7.25 | .03637 | .002 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

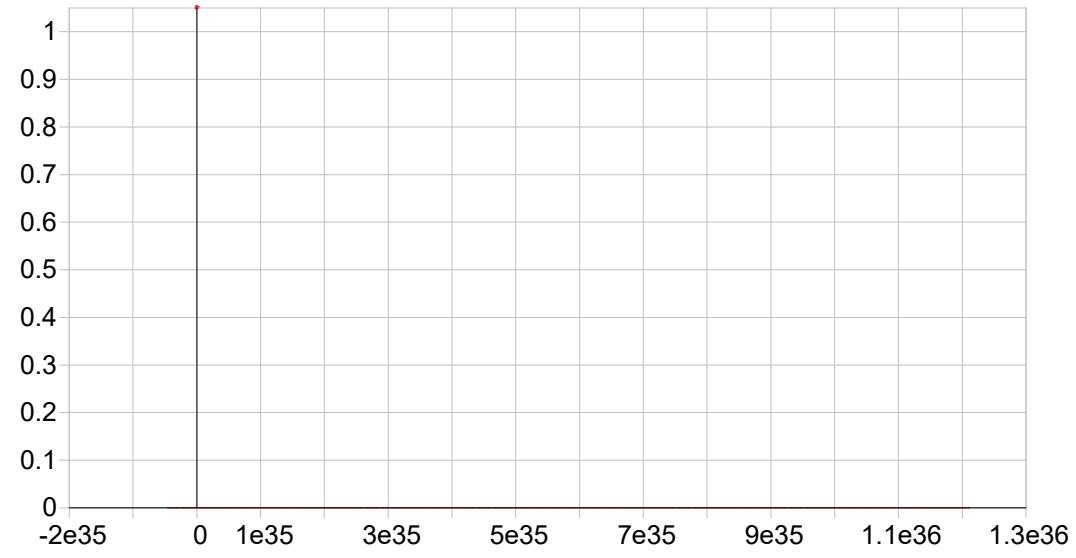



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| 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}***

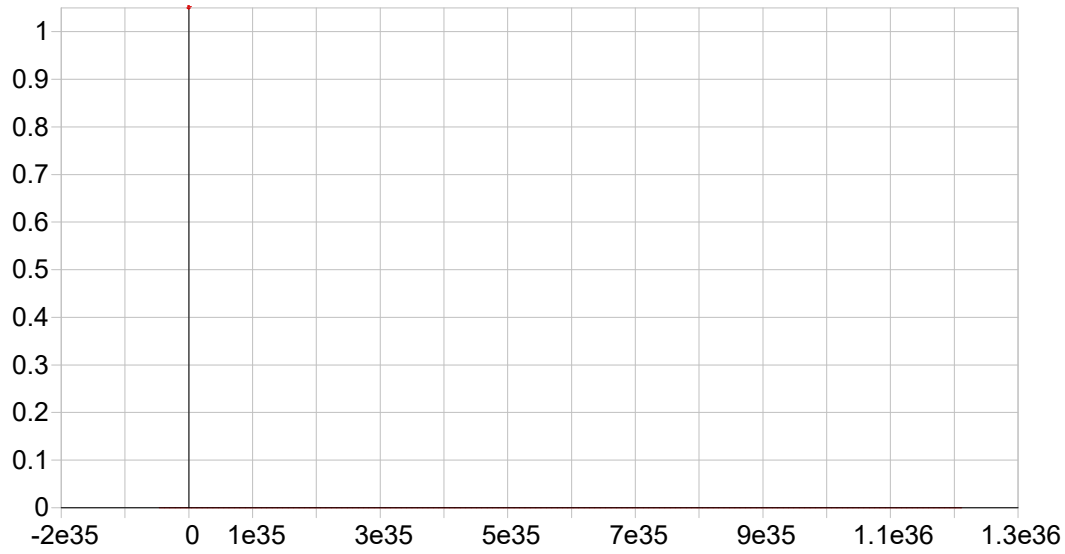
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

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

Reviewed By:Mohan
On:11/7/2024 4:26:12 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 |
|---|---|---|---|---|---|---|---|

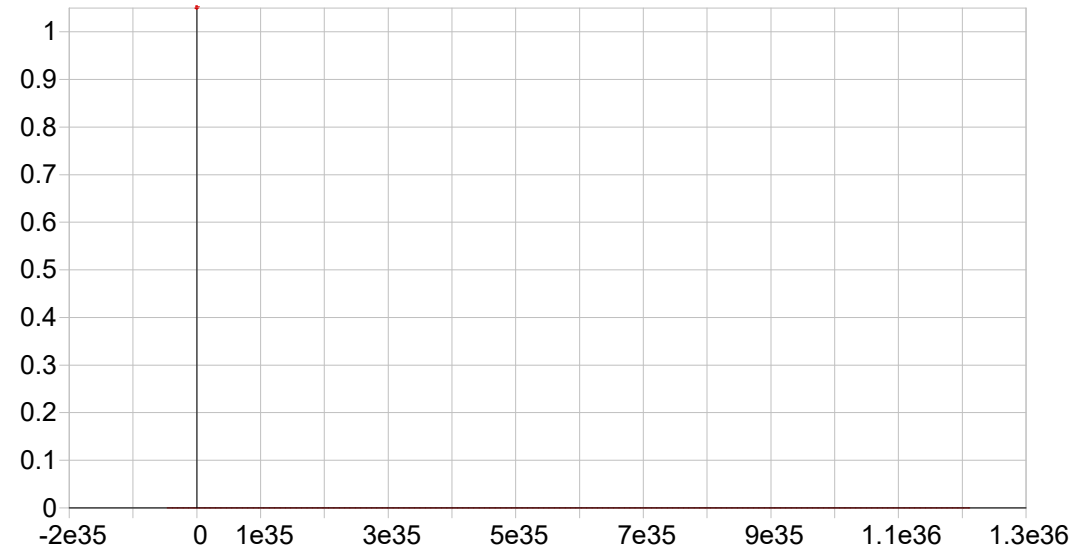



**Y 371.030 { 91}***

| | | | | | | |
|---|---|---|---|---|---|---|
| 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 |
|---|---|---|---|---|---|---|---|

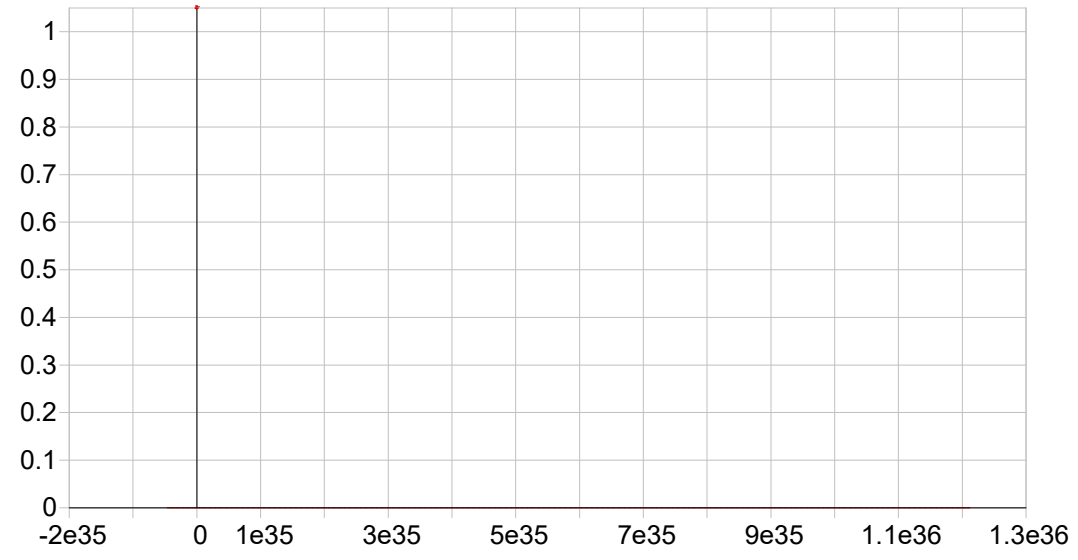
Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5




**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 |
|---|---|---|---|---|---|---|---|



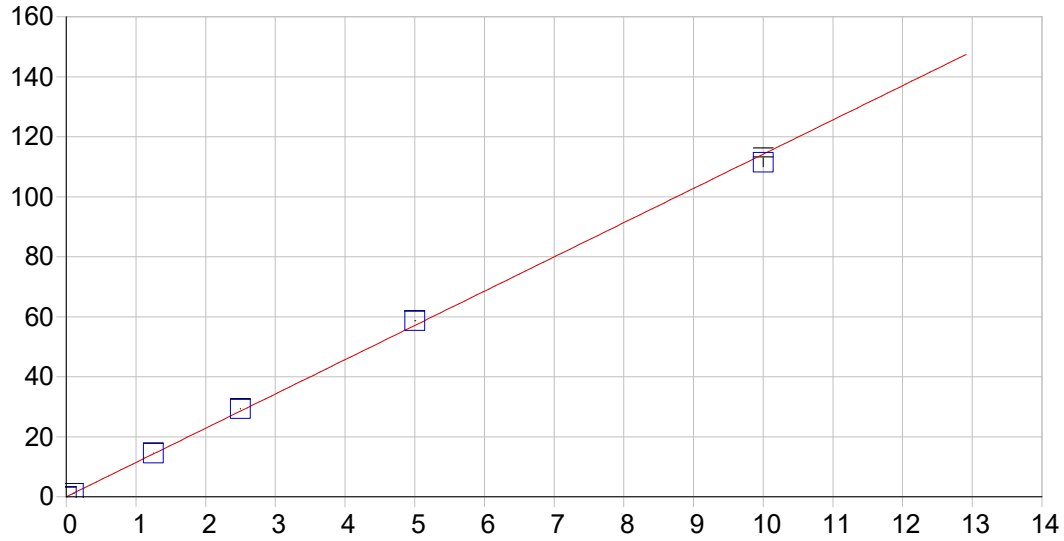

**In 230.606 {446}***

| | | | | | |
|---|---|---|---|---|---|
| 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:11/7/2024 4:26:12 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 |
|---|---|---|---|---|---|---|---|




**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 10/30/2024 21:14:20 | Type of Fit: | Linear | Weighting: | 1/Conc |
| A0 (Offset): | 0.002184 | | Re-Slope: | 1.000000 | |
| A1 (Gain): | 11.418538 | | Y-int: | 0.000000 | |
| A2 (Curvature): | 0.000000 | | | | |
| n (Exponent): | 1.000000 | | | | |
| Correlation: | 0.999674 | Status: | OK. | | |
| Std Error of Est: | 0.015508 | | | | |
| Predicted MDL: | 0.000135 | | | | |
| Predicted MQL: | 0.000450 | | | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00207 | .002 | 1 |
| S1 | .10000 | .10499 | .005 | 4.99 | 1.2010 | .004 | 1 |
| S2 | 1.2500 | 1.2744 | .024 | 1.95 | 14.554 | .041 | 1 |
| S3 | 2.5000 | 2.5683 | .068 | 2.73 | 29.328 | .074 | 1 |
| S4 | 5.0000 | 5.1415 | .141 | 2.83 | 58.710 | .003 | 1 |
| S5 | 10.000 | 9.7609 | -.239 | -2.39 | 111.46 | 1.49 | 1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S0 Acquired: 10/30/2024 20:47:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .00026 | -.00044 | -.00073 | .00007 | .00016 | -.00180 | .05063 | -.00233 |
| Stddev | .00019 | .00015 | .00027 | .00038 | .00034 | .00069 | .00351 | .00045 |
| %RSD | 71.818 | 33.950 | 37.412 | 520.20 | 220.22 | 38.457 | 6.9291 | 19.245 |
| #1 | .00039 | -.00030 | -.00050 | .00050 | .00005 | -.00217 | .05257 | -.00284 |
| #2 | .00005 | -.00042 | -.00103 | -.00005 | .00054 | -.00100 | .05275 | -.00201 |
| #3 | .00034 | -.00059 | -.00065 | -.00024 | -.00012 | -.00224 | .04659 | -.00213 |

| 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 | .00019 | .00468 | -.00006 | -.00060 | .00152 | .00055 | -.00005 | -.00020 |
| Stddev | .00014 | .00027 | .00016 | .00021 | .00044 | .00056 | .00022 | .00035 |
| %RSD | 77.558 | 5.8357 | 280.99 | 35.466 | 29.105 | 102.27 | 455.75 | 176.73 |
| #1 | .00029 | .00490 | -.00009 | -.00081 | .00102 | .00038 | .00020 | -.00050 |
| #2 | .00002 | .00437 | -.00020 | -.00061 | .00170 | .00009 | -.00015 | .00019 |
| #3 | .00024 | .00476 | .00012 | -.00038 | .00186 | .00118 | -.00020 | -.00029 |

| 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 | -.00013 | .02783 | -.00860 | -.00047 | .00352 | .07397 | -.00090 | .00810 |
| Stddev | .00022 | .00012 | .00164 | .00048 | .00046 | .00461 | .00006 | .00057 |
| %RSD | 168.59 | .44544 | 19.043 | 102.69 | 13.198 | 6.2385 | 6.9627 | 7.0428 |
| #1 | -.00025 | .02794 | -.00860 | -.00092 | .00307 | .06869 | -.00084 | .00855 |
| #2 | .00012 | .02770 | -.01023 | -.00053 | .00400 | .07724 | -.00096 | .00829 |
| #3 | -.00026 | .02786 | -.00696 | .00004 | .00349 | .07597 | -.00090 | .00746 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00027 | .00035 | .01249 | .00009 | .00038 | .01099 | .00207 |
| Stddev | .00048 | .00022 | .00098 | .00004 | .00088 | .00244 | .00173 |
| %RSD | 174.01 | 61.586 | 7.8826 | 39.819 | 230.47 | 22.220 | 83.660 |
| #1 | -.00015 | .00054 | .01228 | .00013 | -.00063 | .01112 | .00389 |
| #2 | .00079 | .00040 | .01356 | .00006 | .00098 | .01337 | .00186 |
| #3 | .00018 | .00012 | .01163 | .00008 | .00079 | .00849 | .00045 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S0 Acquired: 10/30/2024 20:47:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 986.26 | 22909. | 2601.3 | 836.55 | 1913.1 |
| Stddev | .19 | 63. | 5.1 | 2.27 | 4.4 |
| %RSD | .01927 | .27527 | .19559 | .27164 | .22752 |
| | | | | | |
| #1 | 986.29 | 22944. | 2599.0 | 835.82 | 1915.6 |
| #2 | 986.44 | 22948. | 2607.1 | 839.10 | 1915.7 |
| #3 | 986.06 | 22837. | 2597.7 | 834.74 | 1908.1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S1 Acquired: 10/30/2024 20:52:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .00050 | .00152 | .00074 | .00255 | .01008 | .01902 | 1.1931 | .03168 |
| Stddev | .00014 | .00005 | .00066 | .00034 | .00036 | .00108 | .0044 | .00026 |
| %RSD | 27.884 | 3.4629 | 88.870 | 13.364 | 3.6165 | 5.6856 | .36951 | .82846 |
| #1 | .00041 | .00158 | .00131 | .00295 | .00979 | .01794 | 1.1938 | .03182 |
| #2 | .00065 | .00149 | .00088 | .00233 | .01049 | .01903 | 1.1972 | .03184 |
| #3 | .00042 | .00148 | .00002 | .00239 | .00997 | .02010 | 1.1884 | .03138 |

| 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 | .01058 | .39163 | .00185 | .02989 | .00621 | .00171 | .00458 | .03056 |
| Stddev | .00030 | .00183 | .00002 | .00036 | .00096 | .00017 | .00021 | .00055 |
| %RSD | 2.8681 | .46855 | 1.2316 | 1.2118 | 15.391 | 9.8866 | 4.5104 | 1.8146 |
| #1 | .01093 | .39247 | .00183 | .03026 | .00527 | .00172 | .00460 | .03014 |
| #2 | .01039 | .39289 | .00187 | .02985 | .00718 | .00154 | .00478 | .03119 |
| #3 | .01041 | .38953 | .00187 | .02954 | .00618 | .00188 | .00437 | .03034 |

| 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 | .02379 | .03107 | .05015 | .00382 | .15425 | .25393 | -.00065 | .00778 |
| Stddev | .00011 | .00021 | .00044 | .00043 | .00040 | .00649 | .00011 | .00053 |
| %RSD | .44578 | .67498 | .87051 | 11.323 | .25851 | 2.5559 | 16.561 | 6.8654 |
| #1 | .02389 | .03086 | .05017 | .00357 | .15445 | .25698 | -.00053 | .00823 |
| #2 | .02380 | .03106 | .05058 | .00357 | .15379 | .25835 | -.00073 | .00719 |
| #3 | .02368 | .03128 | .04971 | .00432 | .15451 | .24648 | -.00069 | .00792 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00891 | .00279 | .35870 | .00080 | .05148 | .03637 | 1.2010 |
| Stddev | .00024 | .00019 | .00073 | .00011 | .00042 | .00195 | .0039 |
| %RSD | 2.7484 | 6.9556 | .20293 | 13.742 | .82070 | 5.3707 | .32637 |
| #1 | .00879 | .00288 | .35907 | .00069 | .05101 | .03469 | 1.1966 |
| #2 | .00875 | .00257 | .35787 | .00080 | .05161 | .03591 | 1.2038 |
| #3 | .00919 | .00293 | .35918 | .00091 | .05183 | .03851 | 1.2028 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S1 Acquired: 10/30/2024 20:52:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 984.43 | 23005. | 2584.1 | 840.12 | 1893.2 |
| Stddev | 3.41 | 51. | 8.4 | 3.64 | 4.2 |
| %RSD | .34635 | .22299 | .32680 | .43323 | .22126 |
| | | | | | |
| #1 | 985.15 | 23061. | 2593.2 | 843.56 | 1890.1 |
| #2 | 980.71 | 22995. | 2576.6 | 840.50 | 1891.5 |
| #3 | 987.41 | 22960. | 2582.4 | 836.31 | 1898.0 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S2 Acquired: 10/30/2024 20:57:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .03271 | .08714 | .87527 | .08125 | .21807 | 4.1338 | 13.666 | .81007 |
| Stddev | .00003 | .00058 | .00410 | .00083 | .00200 | .0102 | .018 | .00731 |
| %RSD | .09955 | .66176 | .46857 | 1.0247 | .91602 | .24746 | .13518 | .90241 |
| | | | | | | | | |
| #1 | .03274 | .08650 | .87114 | .08049 | .21634 | 4.1456 | 13.688 | .81839 |
| #2 | .03268 | .08763 | .87531 | .08214 | .22025 | 4.1275 | 13.657 | .80467 |
| #3 | .03270 | .08728 | .87935 | .08112 | .21761 | 4.1283 | 13.654 | .80715 |

| Elem | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.2422 | 4.5718 | .76796 | .37744 | .67002 | .52993 | 1.0443 | .34607 |
| Stddev | .0034 | .0274 | .00095 | .00160 | .00391 | .00321 | .0006 | .00055 |
| %RSD | .27316 | .59903 | .12395 | .42446 | .58373 | .60539 | .05643 | .15829 |
| | | | | | | | | |
| #1 | 1.2385 | 4.5997 | .76857 | .37581 | .67116 | .53310 | 1.0446 | .34607 |
| #2 | 1.2432 | 4.5449 | .76845 | .37749 | .66566 | .52668 | 1.0448 | .34552 |
| #3 | 1.2451 | 4.5708 | .76687 | .37902 | .67323 | .53002 | 1.0437 | .34661 |

| 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 | .36010 | .12508 | .41665 | .04592 | 9.1935 | 1.3708 | .05835 | 1.2330 |
| Stddev | .00190 | .00036 | .00543 | .00020 | .0045 | .0027 | .00053 | .0042 |
| %RSD | .52632 | .29130 | 1.3044 | .44322 | .04893 | .19987 | .90231 | .34342 |
| | | | | | | | | |
| #1 | .35796 | .12536 | .41604 | .04611 | 9.1969 | 1.3713 | .05786 | 1.2369 |
| #2 | .36075 | .12521 | .41154 | .04593 | 9.1951 | 1.3679 | .05828 | 1.2285 |
| #3 | .36158 | .12467 | .42236 | .04571 | 9.1884 | 1.3733 | .05891 | 1.2335 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.0487 | .03137 | 1.9822 | .12082 | .61697 | 2.2088 | 14.554 |
| Stddev | .0054 | .00030 | .0045 | .00061 | .00237 | .0181 | .041 |
| %RSD | .51367 | .95343 | .22779 | .50187 | .38409 | .81725 | .27993 |
| | | | | | | | |
| #1 | 1.0430 | .03115 | 1.9869 | .12012 | .61943 | 2.2207 | 14.590 |
| #2 | 1.0536 | .03126 | 1.9778 | .12117 | .61675 | 2.1880 | 14.510 |
| #3 | 1.0496 | .03171 | 1.9820 | .12117 | .61471 | 2.2176 | 14.563 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S2 Acquired: 10/30/2024 20:57:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 937.67 | 22580. | 2585.3 | 797.29 | 1726.9 |
| Stddev | 2.50 | 54. | 10.3 | .75 | 3.4 |
| %RSD | .26642 | .23700 | .39671 | .09359 | .19550 |
| | | | | | |
| #1 | 939.83 | 22546. | 2573.7 | 797.45 | 1730.5 |
| #2 | 934.93 | 22552. | 2593.3 | 796.48 | 1726.5 |
| #3 | 938.25 | 22642. | 2588.9 | 797.95 | 1723.8 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S3 Acquired: 10/30/2024 21:01:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .06772 | .17353 | 1.7775 | .16697 | .45108 | 8.3958 | 27.651 | 1.6212 |
| Stddev | .00013 | .00062 | .0013 | .00060 | .00092 | .0340 | .056 | .0055 |
| %RSD | .18592 | .35477 | .07240 | .36024 | .20366 | .40445 | .20297 | .34169 |
| #1 | .06765 | .17282 | 1.7786 | .16762 | .45136 | 8.4344 | 27.716 | 1.6276 |
| #2 | .06786 | .17389 | 1.7761 | .16644 | .45182 | 8.3826 | 27.620 | 1.6190 |
| #3 | .06764 | .17389 | 1.7777 | .16685 | .45005 | 8.3705 | 27.618 | 1.6172 |

| 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 | 2.5157 | 9.1804 | 1.5259 | .77018 | 1.3393 | 1.0548 | 2.0748 | .70593 |
| Stddev | .0046 | .0604 | .0053 | .00097 | .0058 | .0040 | .0048 | .00101 |
| %RSD | .18116 | .65740 | .34893 | .12650 | .43301 | .37515 | .23265 | .14245 |
| #1 | 2.5205 | 9.2498 | 1.5202 | .76994 | 1.3459 | 1.0592 | 2.0719 | .70686 |
| #2 | 2.5114 | 9.1400 | 1.5308 | .76935 | 1.3358 | 1.0533 | 2.0803 | .70608 |
| #3 | 2.5154 | 9.1515 | 1.5267 | .77125 | 1.3360 | 1.0517 | 2.0721 | .70486 |

| 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 | .73008 | .22566 | .86380 | .09153 | 18.840 | 2.7440 | .12268 | 2.4573 |
| Stddev | .00018 | .00105 | .00475 | .00073 | .067 | .0097 | .00034 | .0064 |
| %RSD | .02462 | .46751 | .54954 | .79234 | .35343 | .35438 | .27424 | .25909 |
| #1 | .73027 | .22639 | .86896 | .09229 | 18.766 | 2.7550 | .12267 | 2.4645 |
| #2 | .72992 | .22614 | .86281 | .09085 | 18.896 | 2.7403 | .12234 | 2.4523 |
| #3 | .73004 | .22445 | .85962 | .09144 | 18.857 | 2.7366 | .12301 | 2.4552 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.1547 | .06509 | 3.9243 | .24604 | 1.2403 | 4.5146 | 29.328 |
| Stddev | .0035 | .00035 | .0091 | .00090 | .0045 | .0375 | .074 |
| %RSD | .16260 | .53055 | .23134 | .36529 | .36439 | .83119 | .25260 |
| #1 | 2.1584 | .06477 | 3.9347 | .24522 | 1.2430 | 4.5579 | 29.413 |
| #2 | 2.1542 | .06546 | 3.9180 | .24589 | 1.2351 | 4.4933 | 29.294 |
| #3 | 2.1515 | .06503 | 3.9202 | .24700 | 1.2427 | 4.4926 | 29.277 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S3 Acquired: 10/30/2024 21:01:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 892.70 | 22072. | 2559.6 | 750.50 | 1637.7 |
| Stddev | 1.73 | 71. | 8.9 | 2.35 | 2.2 |
| %RSD | .19388 | .32126 | .34789 | .31378 | .13209 |
| | | | | | |
| #1 | 891.36 | 22079. | 2549.4 | 752.84 | 1636.2 |
| #2 | 892.08 | 21998. | 2565.6 | 748.13 | 1640.2 |
| #3 | 894.66 | 22139. | 2563.9 | 750.52 | 1636.8 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S4 Acquired: 10/30/2024 21:05:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .13943 | .33776 | 3.5254 | .34241 | .93681 | 17.002 | 55.701 | 3.1868 |
| Stddev | .00084 | .00214 | .0112 | .00029 | .00094 | .036 | .052 | .0028 |
| %RSD | .59987 | .63313 | .31668 | .08451 | .10078 | .21314 | .09394 | .08801 |
| | | | | | | | | |
| #1 | .14033 | .33993 | 3.5324 | .34258 | .93735 | 16.979 | 55.671 | 3.1845 |
| #2 | .13868 | .33565 | 3.5125 | .34208 | .93572 | 17.044 | 55.670 | 3.1899 |
| #3 | .13930 | .33769 | 3.5312 | .34258 | .93736 | 16.984 | 55.761 | 3.1859 |

| 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 | 4.9651 | 18.290 | 2.9768 | 1.5353 | 2.6779 | 2.0716 | 4.0972 | 1.4288 |
| Stddev | .0179 | .052 | .0047 | .0048 | .0013 | .0067 | .0019 | .0046 |
| %RSD | .36043 | .28587 | .15701 | .31079 | .04821 | .32600 | .04642 | .32320 |
| | | | | | | | | |
| #1 | 4.9769 | 18.268 | 2.9796 | 1.5382 | 2.6772 | 2.0667 | 4.0994 | 1.4321 |
| #2 | 4.9445 | 18.349 | 2.9794 | 1.5298 | 2.6770 | 2.0793 | 4.0962 | 1.4308 |
| #3 | 4.9739 | 18.252 | 2.9714 | 1.5379 | 2.6794 | 2.0688 | 4.0960 | 1.4235 |

| 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 | 1.4476 | .42230 | 1.7494 | .18309 | 38.954 | 5.5431 | .25202 | 4.8271 |
| Stddev | .0035 | .00084 | .0008 | .00111 | .309 | .0037 | .00033 | .0418 |
| %RSD | .24000 | .19812 | .04667 | .60712 | .79448 | .06609 | .13261 | .86546 |
| | | | | | | | | |
| #1 | 1.4496 | .42298 | 1.7498 | .18317 | 38.616 | 5.5417 | .25240 | 4.8196 |
| #2 | 1.4436 | .42137 | 1.7499 | .18194 | 39.225 | 5.5404 | .25184 | 4.8722 |
| #3 | 1.4497 | .42256 | 1.7484 | .18416 | 39.020 | 5.5473 | .25181 | 4.7896 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4.3952 | .13412 | 7.7018 | .49160 | 2.4701 | 9.2387 | 58.710 |
| Stddev | .0071 | .00064 | .0490 | .00155 | .0027 | .0418 | .003 |
| %RSD | .16200 | .47440 | .63586 | .31466 | .11120 | .45196 | .00556 |
| | | | | | | | |
| #1 | 4.3975 | .13484 | 7.6973 | .49265 | 2.4694 | 9.2180 | 58.706 |
| #2 | 4.3872 | .13388 | 7.7529 | .48983 | 2.4731 | 9.2867 | 58.712 |
| #3 | 4.4009 | .13363 | 7.6552 | .49233 | 2.4677 | 9.2113 | 58.712 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S4 Acquired: 10/30/2024 21:05:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 831.08 | 21579. | 2531.3 | 677.07 | 1541.6 |
| Stddev | 1.81 | 1. | 12.5 | 5.52 | 5.5 |
| %RSD | .21831 | .00392 | .49507 | .81593 | .35381 |
| | | | | | |
| #1 | 830.74 | 21578. | 2536.7 | 683.41 | 1537.7 |
| #2 | 833.04 | 21580. | 2516.9 | 673.35 | 1547.8 |
| #3 | 829.46 | 21580. | 2540.1 | 674.44 | 1539.2 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S5 Acquired: 10/30/2024 21:09:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | .28427 | .64077 | 6.9087 | .72542 | 2.0264 | 33.339 | 106.27 | 6.1437 |
| Stddev | .00086 | .00120 | .0096 | .00067 | .0049 | .024 | 1.06 | .0406 |
| %RSD | .30134 | .18699 | .13864 | .09169 | .24078 | .07227 | 1.0005 | .66036 |
| | | | | | | | | |
| #1 | .28329 | .63973 | 6.8999 | .72468 | 2.0215 | 33.356 | 106.12 | 6.1432 |
| #2 | .28486 | .64208 | 6.9072 | .72597 | 2.0265 | 33.351 | 105.28 | 6.1034 |
| #3 | .28467 | .64050 | 6.9189 | .72561 | 2.0313 | 33.312 | 107.40 | 6.1845 |

| 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 | 9.5570 | 34.970 | 5.6287 | 2.9859 | 5.1696 | 3.8929 | 7.7385 | 2.7802 |
| Stddev | .0127 | .092 | .0064 | .0032 | .0075 | .0073 | .0241 | .0065 |
| %RSD | .13270 | .26376 | .11389 | .10685 | .14445 | .18660 | .31106 | .23446 |
| | | | | | | | | |
| #1 | 9.5445 | 34.960 | 5.6228 | 2.9845 | 5.1751 | 3.8942 | 7.7570 | 2.7802 |
| #2 | 9.5566 | 34.883 | 5.6278 | 2.9836 | 5.1728 | 3.8851 | 7.7113 | 2.7736 |
| #3 | 9.5699 | 35.067 | 5.6356 | 2.9895 | 5.1611 | 3.8995 | 7.7471 | 2.7867 |

| 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 | 2.7949 | .81511 | 3.4008 | .35014 | 81.008 | 10.877 | .50478 | 9.0276 |
| Stddev | .0040 | .00293 | .0020 | .00122 | .868 | .005 | .00117 | .0725 |
| %RSD | .14477 | .35953 | .05820 | .34875 | 1.0709 | .04920 | .23157 | .80296 |
| | | | | | | | | |
| #1 | 2.7902 | .81435 | 3.3986 | .35008 | 80.541 | 10.879 | .50442 | 9.0590 |
| #2 | 2.7967 | .81834 | 3.4014 | .35139 | 82.009 | 10.870 | .50609 | 8.9447 |
| #3 | 2.7977 | .81263 | 3.4025 | .34895 | 80.475 | 10.880 | .50384 | 9.0791 |

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 9.2038 | .27292 | 14.674 | .96018 | 4.7268 | 18.289 | 111.46 |
| Stddev | .0212 | .00042 | .111 | .00197 | .0032 | .019 | 1.49 |
| %RSD | .23081 | .15497 | .75955 | .20507 | .06734 | .10239 | 1.3330 |
| | | | | | | | |
| #1 | 9.1827 | .27292 | 14.707 | .95805 | 4.7301 | 18.269 | 112.20 |
| #2 | 9.2035 | .27334 | 14.549 | .96193 | 4.7237 | 18.306 | 109.75 |
| #3 | 9.2251 | .27249 | 14.765 | .96057 | 4.7267 | 18.292 | 112.42 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S5 Acquired: 10/30/2024 21:09:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 728.78 | 21049. | 2525.2 | 566.50 | 1436.1 |
| Stddev | 1.46 | 31. | 20.6 | 6.11 | 1.0 |
| %RSD | .20083 | .14825 | .81536 | 1.0783 | .07089 |
| | | | | | |
| #1 | 730.40 | 21079. | 2519.4 | 569.92 | 1437.3 |
| #2 | 727.56 | 21051. | 2548.1 | 559.44 | 1435.4 |
| #3 | 728.38 | 21017. | 2508.2 | 570.13 | 1435.6 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: S6 Acquired: 10/30/2024 21:14:20 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) 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 | 87.310 | 55.246 | 10.166 | 4.4409 | 9.2735 |
| Stddev | .336 | .293 | .049 | .0193 | .0416 |
| %RSD | .38443 | .53083 | .48341 | .43356 | .44830 |
| | | | | | |
| #1 | 87.680 | 55.583 | 10.222 | 4.4630 | 9.3214 |
| #2 | 87.026 | 55.050 | 10.129 | 4.4273 | 9.2533 |
| #3 | 87.222 | 55.105 | 10.147 | 4.4325 | 9.2459 |

| Int. Std. | Y_3710 |
|---|---|
| Units | Cts/S |
| Avg | 2469.0 |
| Stddev | 13.8 |
| %RSD | .55985 |
| | |
| #1 | 2453.8 |
| #2 | 2480.9 |
| #3 | 2472.1 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICV001 Acquired: 10/30/2024 22:24:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.067292 | 1.055083 | .9955478 | 1.070181 | 1.019712 | 2.326254 |
| Stddev | .014787 | .004188 | .0025240 | .008417 | .000796 | .016577 |
| %RSD | 1.385428 | .3969747 | .2535257 | .7865190 | .0780462 | .7125890 |
| #1 | 1.076807 | 1.052835 | .9962174 | 1.072468 | 1.018794 | 2.342406 |
| #2 | 1.050257 | 1.059915 | .9976694 | 1.077218 | 1.020143 | 2.309283 |
| #3 | 1.074812 | 1.052499 | .9927565 | 1.060856 | 1.020200 | 2.327071 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5101366 | .5318094 | .5020258 | 9.903521 | .5495028 | .4997480 |
| Stddev | .0024311 | .0017234 | .0006444 | .023980 | .0017389 | .0009864 |
| %RSD | .4765540 | .3240643 | .1283604 | .2421331 | .3164457 | .1973791 |
| #1 | .5104344 | .5337822 | .5017557 | 9.919879 | .5479346 | .4995076 |
| #2 | .5075704 | .5305966 | .5015604 | 9.875995 | .5492011 | .4989040 |
| #3 | .5124051 | .5310495 | .5027613 | 9.914691 | .5513728 | .5008324 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4819329 | 10.54750 | .5251618 | 5.571044 | .5087365 | .2384678 |
| Stddev | .0026242 | .04590 | .0023927 | .051086 | .0005496 | .0013927 |
| %RSD | .5445108 | .4352137 | .4556138 | .9169897 | .1080329 | .5840257 |
| #1 | .4829242 | 10.59161 | .5238684 | 5.525619 | .5083513 | .2374376 |
| #2 | .4789575 | 10.49999 | .5279228 | 5.626348 | .5093659 | .2379135 |
| #3 | .4839171 | 10.55092 | .5236941 | 5.561165 | .5084922 | .2400523 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.629331 | .5185821 | 1.091627 | 9.051430 | F .0026777 | F .0023186 |
| Stddev | .190093 | .0069590 | .002915 | .101982 | .0034513 | .0007704 |
| %RSD | 1.974102 | 1.341936 | .2670698 | 1.126692 | 128.8900 | 33.22470 |
| #1 | 9.536283 | .5180189 | 1.088531 | 8.935844 | .0004737 | .0018419 |
| #2 | 9.848023 | .5119218 | 1.092031 | 9.089723 | .0066552 | .0019067 |
| #3 | 9.503687 | .5258057 | 1.094320 | 9.128722 | .0009042 | .0032074 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICV001 Acquired: 10/30/2024 22:24:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F -.000474 | F -.000638 | F -.000039 | F .0029650 | F -.001375 | F -.001569 |
| Stddev | .000155 | .007908 | .000551 | .0001538 | .000657 | .001113 |
| %RSD | 32.72071 | 1240.500 | 1424.124 | 5.186024 | 47.78101 | 70.92886 |
| #1 | -.000403 | -.009176 | .000495 | .0031410 | -.001298 | -.000586 |
| #2 | -.000367 | .006436 | -.000605 | .0028972 | -.002067 | -.002778 |
| #3 | -.000652 | .000828 | -.000006 | .0028568 | -.000760 | -.001343 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0009135 |
| Stddev | .0001726 |
| %RSD | 18.89110 |
| #1 | .0010294 |
| #2 | .0009959 |
| #3 | .0007152 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 976.8486 | 23409.99 | 2711.039 | 845.1478 | 1853.931 |
| Stddev | 1.4764 | 37.56 | 14.413 | 3.0383 | 1.680 |
| %RSD | .1511399 | .1604314 | .5316364 | .3594965 | .0905915 |
| #1 | 977.1311 | 23444.40 | 2695.187 | 848.3410 | 1855.267 |
| #2 | 975.2514 | 23415.64 | 2723.353 | 842.2928 | 1852.045 |
| #3 | 978.1634 | 23369.93 | 2714.578 | 844.8095 | 1854.480 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICB001 Acquired: 10/30/2024 22:28:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000572 | .0015537 | .0006569 | .0063326 | .0007641 | -.006236 | -.002591 |
| Stddev | .008521 | .0017807 | .0030662 | .0024511 | .0021966 | .004717 | .000250 |
| %RSD | 1488.845 | 114.6094 | 466.7487 | 38.70649 | 287.4848 | 75.63660 | 9.655685 |
| #1 | -.006504 | .0019777 | .0005338 | .0074835 | .0029697 | -.011660 | -.002639 |
| #2 | .009192 | -.000401 | .0037828 | .0035178 | .0007460 | -.003964 | -.002320 |
| #3 | -.004405 | .003084 | -.002346 | .0079966 | -.001423 | -.003086 | -.002813 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000053 | .0002574 | -.005579 | -.000462 | .0002625 | .0016205 | .0001866 |
| Stddev | .0001261 | .0000846 | .005215 | .000379 | .0004336 | .0053773 | .0213293 |
| %RSD | 2360.702 | 32.88171 | 93.48033 | 82.09828 | 165.2111 | 331.8273 | 11432.90 |
| #1 | -.000140 | .0003545 | -.011213 | -.000027 | -.000137 | .0077927 | .0018492 |
| #2 | .000075 | .0001994 | -.004602 | -.000726 | .000202 | -.002052 | .0206358 |
| #3 | .000081 | .0002183 | -.000921 | -.000631 | .000723 | -.000879 | -.021925 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000481 | -.024729 | -.000025 | -.004312 | .0536992 | -.005526 | -.000482 |
| Stddev | .000650 | .070341 | .000164 | .000397 | .4014153 | .004962 | .000458 |
| %RSD | 134.9782 | 284.4459 | 650.6579 | 9.205582 | 747.5258 | 89.79741 | 94.95154 |
| #1 | .000251 | .043923 | -.000102 | -.004323 | -.148333 | -.008337 | -.000931 |
| #2 | -.000708 | -.096645 | -.000136 | -.004704 | .515993 | -.008445 | -.000016 |
| #3 | -.000987 | -.021465 | .000163 | -.003910 | -.206563 | .000204 | -.000498 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0892403 | -.003915 | -.005830 | -.000049 | -.004456 | -.000365 | .0007828 |
| Stddev | .1659620 | .005466 | .000705 | .000484 | .004989 | .000766 | .0016295 |
| %RSD | 185.9720 | 139.6054 | 12.10061 | 991.6775 | 111.9481 | 210.1108 | 208.1634 |
| #1 | .1225678 | -.010226 | -.005376 | -.000584 | -.002218 | -.000692 | .0022817 |
| #2 | -.090856 | -.000788 | -.006642 | .000077 | -.010172 | -.000912 | -.000952 |
| #3 | .236010 | -.000731 | -.005470 | .000360 | -.000978 | .000511 | .001018 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICB001 Acquired: 10/30/2024 22:28:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0014833 | -.002725 | -.000283 |
| Stddev | .0002451 | .001278 | .000064 |
| %RSD | 16.52191 | 46.89956 | 22.52175 |
| | | | |
| #1 | .0012009 | -.003441 | -.000331 |
| #2 | .0016087 | -.003484 | -.000307 |
| #3 | .0016404 | -.001249 | -.000211 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 981.2406 | 23267.71 | 2676.544 | 849.5621 | 1894.732 |
| Stddev | 1.2580 | 79.50 | 13.580 | 4.5012 | 4.262 |
| %RSD | .1282070 | .3416667 | .5073807 | .5298207 | .2249326 |
| | | | | | |
| #1 | 982.3928 | 23176.11 | 2667.443 | 844.5554 | 1899.096 |
| #2 | 979.8984 | 23318.60 | 2670.036 | 850.8571 | 1894.520 |
| #3 | 981.4306 | 23308.44 | 2692.154 | 853.2739 | 1890.580 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICSA001 Acquired: 10/30/2024 22:45:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0031872 | -.012660 | -.004263 | .0056159 | .0010916 | 239.8169 |
| Stddev | .0069194 | .007123 | .003377 | .0036766 | .0031424 | .7081 |
| %RSD | 217.1005 | 56.26288 | 79.22598 | 65.46720 | 287.8651 | .2952605 |
| #1 | .0111149 | -.006093 | -.004356 | .0092124 | -.001529 | 240.5265 |
| #2 | .0000848 | -.011654 | -.000840 | .0018641 | .004575 | 239.8137 |
| #3 | -.001638 | -.020232 | -.007593 | .0057713 | .000229 | 239.1104 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0032228 | .0012159 | .0017446 | 247.1407 | .0499646 | .0013977 |
| Stddev | .0007802 | .0001096 | .0003969 | 1.0021 | .0011634 | .0006678 |
| %RSD | 24.20980 | 9.009586 | 22.74806 | .4054575 | 2.328557 | 47.77851 |
| #1 | .0026599 | .0010998 | .0021945 | 248.1500 | .0511564 | .0014280 |
| #2 | .0041135 | .0013174 | .0015952 | 247.1260 | .0488317 | .0007152 |
| #3 | .0028951 | .0012306 | .0014441 | 246.1461 | .0499057 | .0020498 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.006814 | 102.9778 | .0110981 | 253.2481 | .0044850 | -.000043 |
| Stddev | .002545 | .2937 | .0010112 | .8014 | .0005890 | .001277 |
| %RSD | 37.35331 | .2851672 | 9.111679 | .3164384 | 13.13293 | 2946.860 |
| #1 | -.004510 | 103.2232 | .0122652 | 253.6272 | .0046998 | .001387 |
| #2 | -.009547 | 103.0578 | .0105434 | 253.7897 | .0038188 | -.000448 |
| #3 | -.006387 | 102.6524 | .0104856 | 252.3276 | .0049365 | -.001069 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2203775 | .0117547 | .0112006 | .0106997 | .0002919 | F .0742236 |
| Stddev | .2530967 | .0083610 | .0004843 | .0801713 | .0036463 | .0006905 |
| %RSD | 114.8469 | 71.12869 | 4.323664 | 749.2869 | 1249.345 | .9303410 |
| #1 | .3816147 | .0059417 | .0106592 | .0521903 | .0033668 | .0739050 |
| #2 | -.071333 | .0079857 | .0113501 | .0616226 | -.003736 | .0737499 |
| #3 | .350851 | .0213367 | .0115925 | -.081714 | .001245 | .0750159 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICSA001 Acquired: 10/30/2024 22:45:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001053 | .0080085 | -.000496 | -.002640 | -.002115 | -.000242 |
| Stddev | .000680 | .0087951 | .000962 | .001900 | .001664 | .000368 |
| %RSD | 64.57657 | 109.8221 | 193.7279 | 71.99889 | 78.67983 | 151.9268 |
| | | | | | | |
| #1 | -.000356 | .0067155 | -.000951 | -.003922 | -.000254 | .000166 |
| #2 | -.001088 | -.000069 | .000608 | -.003540 | -.002633 | -.000345 |
| #3 | -.001714 | .017379 | -.001146 | -.000456 | -.003459 | -.000548 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .1027105 |
| Stddev | .0001674 |
| %RSD | .1629975 |
| | |
| #1 | .1028295 |
| #2 | .1027830 |
| #3 | .1025191 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 914.8548 | 22069.73 | 2628.932 | 792.3343 | 1590.786 |
| Stddev | .1289 | 122.06 | 13.787 | 3.0024 | 1.584 |
| %RSD | .0140846 | .5530823 | .5244498 | .3789351 | .0995634 |
| | | | | | |
| #1 | 914.7238 | 21939.56 | 2621.996 | 793.3948 | 1592.605 |
| #2 | 914.9813 | 22087.99 | 2619.990 | 788.9455 | 1589.711 |
| #3 | 914.8595 | 22181.63 | 2644.810 | 794.6625 | 1590.043 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICSAB001 Acquired: 10/30/2024 22:49:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0941083 | .0869805 | .0477935 | .0527576 | .5626600 | 245.0777 |
| Stddev | .0037450 | .0058354 | .0008435 | .0083996 | .0049577 | .9907 |
| %RSD | 3.979428 | 6.708880 | 1.764938 | 15.92110 | .8811113 | .4042316 |
| #1 | .0972865 | .0907228 | .0487532 | .0432054 | .5570663 | 245.6266 |
| #2 | .0950587 | .0802567 | .0471694 | .0560773 | .5665111 | 243.9341 |
| #3 | .0899797 | .0899621 | .0474579 | .0589899 | .5644026 | 245.6725 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5359521 | .5476853 | 1.042323 | 253.3000 | .6005314 | .5208746 |
| Stddev | .0031143 | .0034900 | .002026 | .6268 | .0010946 | .0019100 |
| %RSD | .5810730 | .6372229 | .1943907 | .2474409 | .1822741 | .3666999 |
| #1 | .5386571 | .5512952 | 1.041532 | 253.7886 | .6011578 | .5191290 |
| #2 | .5325475 | .5443291 | 1.040811 | 252.5933 | .6011690 | .5205799 |
| #3 | .5366517 | .5474315 | 1.044625 | 253.5182 | .5992675 | .5229149 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4935200 | 105.7085 | .5392960 | 259.1568 | 1.046274 | .1919229 |
| Stddev | .0081555 | .3327 | .0045672 | .4740 | .001553 | .0007182 |
| %RSD | 1.652525 | .3147312 | .8468841 | .1829167 | .1483887 | .3741945 |
| #1 | .4854116 | 105.6335 | .5431792 | 259.6608 | 1.044644 | .1920662 |
| #2 | .4934265 | 105.4197 | .5342641 | 258.7199 | 1.046442 | .1925586 |
| #3 | .5017218 | 106.0723 | .5404447 | 259.0896 | 1.047735 | .1911439 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4053588 | .5197235 | .9496390 | -.276587 | .0042206 | F .0771574 |
| Stddev | .2965240 | .0056331 | .0022916 | .072993 | .0057482 | .0014342 |
| %RSD | 73.15100 | 1.083861 | .2413087 | 26.39065 | 136.1933 | 1.858808 |
| #1 | .1931422 | .5144261 | .9474596 | -.328410 | .0088860 | .0776037 |
| #2 | .7441677 | .5256410 | .9520283 | -.308240 | .0059767 | .0755532 |
| #3 | .2787665 | .5191036 | .9494293 | -.193110 | -.002201 | .0783155 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: ICSAB001 Acquired: 10/30/2024 22:49:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001378 | .0161317 | -.000565 | -.002419 | -.002149 | -.001663 |
| Stddev | .000240 | .0038855 | .000754 | .001964 | .000394 | .000364 |
| %RSD | 17.41566 | 24.08619 | 133.3200 | 81.16648 | 18.34658 | 21.89351 |
| | | | | | | |
| #1 | -.001632 | .0199178 | -.000559 | -.001726 | -.002484 | -.001328 |
| #2 | -.001156 | .0163234 | -.001322 | -.004636 | -.001715 | -.001612 |
| #3 | -.001346 | .0121539 | .000185 | -.000897 | -.002248 | -.002051 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .1047703 |
| Stddev | .0002087 |
| %RSD | .1991998 |
| | |
| #1 | .1049911 |
| #2 | .1045763 |
| #3 | .1047435 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 911.3702 | 22050.71 | 2645.280 | 786.7305 | 1592.065 |
| Stddev | 2.2971 | 72.43 | 15.423 | 1.2468 | 2.506 |
| %RSD | .2520478 | .3284618 | .5830275 | .1584840 | .1574353 |
| | | | | | |
| #1 | 914.0175 | 21995.30 | 2628.331 | 785.5006 | 1593.911 |
| #2 | 909.9036 | 22024.16 | 2658.488 | 787.9936 | 1593.074 |
| #3 | 910.1895 | 22132.66 | 2649.021 | 786.6973 | 1589.212 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV001 Acquired: 10/30/2024 22:54:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.113340 | 4.755521 | 24.57276 | 4.768050 | 4.812555 | 404.0415 | 10.06963 |
| Stddev | .019730 | .025732 | .07300 | .038299 | .034057 | 4.1548 | .07331 |
| %RSD | .3858516 | .5410951 | .2970700 | .8032377 | .7076632 | 1.028302 | .7280676 |
| | | | | | | | |
| #1 | 5.091211 | 4.725933 | 24.49365 | 4.725800 | 4.788078 | 400.8208 | 10.01320 |
| #2 | 5.129095 | 4.767964 | 24.63752 | 4.800488 | 4.798137 | 408.7312 | 10.15250 |
| #3 | 5.119714 | 4.772667 | 24.58710 | 4.777863 | 4.851449 | 402.5724 | 10.04319 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5170370 | 2.477871 | 396.1876 | 14.85009 | 2.481669 | 14.71338 | 404.7757 |
| Stddev | .0037278 | .007950 | 4.4317 | .03417 | .008440 | .12682 | 4.1996 |
| %RSD | .7209887 | .3208343 | 1.118587 | .2301131 | .3400942 | .8619695 | 1.037510 |
| | | | | | | | |
| #1 | .5130948 | 2.469426 | 392.5098 | 14.83006 | 2.472263 | 14.60060 | 401.1851 |
| #2 | .5205049 | 2.485209 | 401.1080 | 14.88955 | 2.488582 | 14.85067 | 409.3936 |
| #3 | .5175112 | 2.478977 | 394.9451 | 14.83066 | 2.484161 | 14.68886 | 403.7484 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.61190 | 392.4418 | 2.467115 | 1.265082 | 399.2394 | 2.441846 | 14.30499 |
| Stddev | .12605 | 4.6160 | .008162 | .005987 | 4.4235 | .037447 | .05228 |
| %RSD | .8626523 | 1.176233 | .3308265 | .4732511 | 1.107992 | 1.533547 | .3654547 |
| | | | | | | | |
| #1 | 14.50549 | 388.0132 | 2.458507 | 1.266036 | 396.7854 | 2.407165 | 14.24533 |
| #2 | 14.75110 | 397.2249 | 2.474742 | 1.270534 | 404.3460 | 2.481552 | 14.34280 |
| #3 | 14.57910 | 392.0874 | 2.468097 | 1.258675 | 396.5869 | 2.436821 | 14.32684 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 150.7035 | 4.930086 | 4.828930 | 4.709452 | 5.035324 | 4.778169 | 4.944496 |
| Stddev | 1.3592 | .021220 | .047235 | .033708 | .014939 | .042396 | .019171 |
| %RSD | .9018905 | .4304109 | .9781591 | .7157460 | .2966855 | .8872867 | .3877221 |
| | | | | | | | |
| #1 | 149.4968 | 4.907064 | 4.806646 | 4.672858 | 5.018621 | 4.755718 | 4.929307 |
| #2 | 152.1759 | 4.948861 | 4.883184 | 4.716264 | 5.047407 | 4.827069 | 4.966037 |
| #3 | 150.4379 | 4.934333 | 4.796960 | 4.739233 | 5.039944 | 4.751720 | 4.938145 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV001 Acquired: 10/30/2024 22:54:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.888686 | 4.929326 | 5.007323 |
| Stddev | .056916 | .068291 | .045831 |
| %RSD | 1.164240 | 1.385399 | .9152755 |
| | | | |
| #1 | 4.838952 | 4.887142 | 4.968094 |
| #2 | 4.950759 | 5.008115 | 5.057700 |
| #3 | 4.876346 | 4.892720 | 4.996176 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 797.1045 | 21264.56 | 2582.290 | 660.9086 | 1442.546 |
| Stddev | 3.6629 | 70.41 | 23.328 | 2.0558 | 2.069 |
| %RSD | .4595234 | .3311286 | .9033679 | .3110561 | .1434106 |
| | | | | | |
| #1 | 800.8531 | 21309.65 | 2601.501 | 663.2678 | 1444.626 |
| #2 | 796.9266 | 21183.42 | 2556.332 | 659.5017 | 1440.489 |
| #3 | 793.5338 | 21300.60 | 2589.036 | 659.9561 | 1442.522 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB001 Acquired: 10/30/2024 22:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004278 | .0022898 | .0013614 | .0008979 | .0013925 | .0091740 | -.002614 |
| Stddev | .005931 | .0022346 | .0032868 | .0025100 | .0021929 | .0017500 | .000769 |
| %RSD | 138.6263 | 97.58933 | 241.4375 | 279.5482 | 157.4759 | 19.07558 | 29.39996 |
| #1 | -.006297 | .0046268 | .0027615 | .0003640 | .0032069 | .0096842 | -.001785 |
| #2 | -.008935 | .0001741 | .0037163 | -.001302 | .0020150 | .0072256 | -.003302 |
| #3 | .002398 | .0020685 | -.002394 | .003632 | -.001044 | .0106121 | -.002756 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000910 | .0001157 | .0211563 | .0003533 | .0002194 | -.002094 | .0259646 |
| Stddev | .0001733 | .0000251 | .0132597 | .0002846 | .0000978 | .002345 | .0144303 |
| %RSD | 190.4146 | 21.69065 | 62.67479 | 80.54013 | 44.58446 | 111.9948 | 55.57694 |
| #1 | -.000109 | .0000904 | .0068011 | .0005819 | .0002072 | -.003593 | .0394583 |
| #2 | .000183 | .0001162 | .0237224 | .0000346 | .0001283 | -.003297 | .0107517 |
| #3 | .000199 | .0001406 | .0329453 | .0004436 | .0003228 | .000609 | .0276838 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0014745 | .0329108 | .0000510 | -.004549 | -.124904 | .0034957 | .0002748 |
| Stddev | .0004856 | .0637356 | .0007401 | .000842 | .450611 | .0016083 | .0001925 |
| %RSD | 32.92955 | 193.6616 | 1450.569 | 18.51090 | 360.7649 | 46.00941 | 70.02951 |
| #1 | .0012074 | -.001019 | .0008198 | -.003801 | -.503079 | .0017083 | .0004139 |
| #2 | .0020350 | -.006682 | -.000010 | -.004385 | -.245315 | .0039527 | .0000552 |
| #3 | .0011813 | .106434 | -.000657 | -.005461 | .373680 | .0048261 | .0003555 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1652287 | -.005239 | .0012447 | .0000622 | .0019210 | -.000323 | .0019270 |
| Stddev | .0528906 | .001638 | .0020658 | .0002997 | .0023382 | .000286 | .0008620 |
| %RSD | 32.01052 | 31.26252 | 165.9670 | 482.1461 | 121.7149 | 88.59452 | 44.73525 |
| #1 | .1556979 | -.007094 | .0036139 | -.000225 | .0043919 | -.000016 | .0025974 |
| #2 | .1177515 | -.003994 | -.000180 | .000039 | -.000257 | -.000370 | .0009546 |
| #3 | .2222366 | -.004629 | .000300 | .000373 | .001628 | -.000584 | .0022290 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB001 Acquired: 10/30/2024 22:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0028165 | .0001616 | .0000353 |
| Stddev | .0007401 | .0028211 | .0001670 |
| %RSD | 26.27898 | 1745.602 | 473.6694 |
| | | | |
| #1 | .0031615 | .0008909 | .0002212 |
| #2 | .0019668 | -.002952 | -.000013 |
| #3 | .0033211 | .002546 | -.000102 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 983.5124 | 23316.99 | 2678.240 | 846.5072 | 1896.226 |
| Stddev | 1.5229 | 128.61 | 16.907 | 3.4253 | 2.808 |
| %RSD | .1548432 | .5515564 | .6312699 | .4046399 | .1481098 |
| | | | | | |
| #1 | 982.3100 | 23209.53 | 2693.779 | 846.1788 | 1896.154 |
| #2 | 985.2248 | 23281.97 | 2680.707 | 843.2579 | 1899.070 |
| #3 | 983.0023 | 23459.48 | 2660.236 | 850.0849 | 1893.455 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-01DLX2 Acquired: 10/30/2024 23:02:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3372145 | -.029997 | .1906374 | .0002714 | .0065840 | 89.03849 | 1.337217 |
| Stddev | .0130859 | .004823 | .0027355 | .0031677 | .0019548 | .24389 | .004856 |
| %RSD | 3.880574 | 16.07703 | 1.434922 | 1167.273 | 29.68996 | .2739196 | .3631584 |
| #1 | .3246759 | -.032249 | .1916156 | -.003186 | .0086173 | 88.75944 | 1.333096 |
| #2 | .3361812 | -.024460 | .1875472 | .000967 | .0047185 | 89.14515 | 1.335983 |
| #3 | .3507863 | -.033282 | .1927493 | .003034 | .0064162 | 89.21089 | 1.342571 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059575 | .0090001 | 92.59518 | .2149663 | .1301554 | .4488305 | 248.1483 |
| Stddev | .0001813 | .0003679 | .30036 | .0010882 | .0009603 | .0045103 | .9455 |
| %RSD | 3.043128 | 4.088237 | .3243748 | .5062269 | .7378185 | 1.004910 | .3810356 |
| #1 | .0058315 | .0093797 | 92.25281 | .2143152 | .1312604 | .4450329 | 247.0698 |
| #2 | .0058758 | .0086450 | 92.81431 | .2143611 | .1296833 | .4476427 | 248.8343 |
| #3 | .0061653 | .0089755 | 92.71842 | .2162225 | .1295225 | .4538159 | 248.5410 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.225907 | 47.23938 | .2347328 | -.023649 | 1.103870 | .4793325 | .5386028 |
| Stddev | .028221 | .46626 | .0010050 | .000575 | .253298 | .0043676 | .0021421 |
| %RSD | .3058841 | .9870068 | .4281590 | 2.430095 | 22.94633 | .9111933 | .3977174 |
| #1 | 9.196815 | 46.71297 | .2352993 | -.023411 | 1.166996 | .4803632 | .5372556 |
| #2 | 9.253168 | 47.60038 | .2335724 | -.023230 | .824979 | .4830927 | .5374800 |
| #3 | 9.227737 | 47.40478 | .2353268 | -.024304 | 1.319635 | .4745417 | .5410730 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.79332 | 5.553115 | .2198832 | -.001072 | 1.027821 | 3.552379 | .0055963 |
| Stddev | .14301 | .017142 | .0010028 | .000334 | .005932 | .017499 | .0041887 |
| %RSD | .6274070 | .3086907 | .4560693 | 31.13409 | .5771737 | .4926061 | 74.84720 |
| #1 | 22.66662 | 5.542480 | .2194899 | -.001318 | 1.032283 | 3.532767 | .0013067 |
| #2 | 22.94839 | 5.543974 | .2191367 | -.000692 | 1.021089 | 3.557972 | .0058061 |
| #3 | 22.76496 | 5.572890 | .2210231 | -.001207 | 1.030091 | 3.566399 | .0096762 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-01DLX2 Acquired: 10/30/2024 23:02:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.066554 | .0787942 | .2215626 |
| Stddev | .009721 | .0009174 | .0007495 |
| %RSD | .4704001 | 1.164293 | .3382637 |
| | | | |
| #1 | 2.059332 | .0796945 | .2208869 |
| #2 | 2.062724 | .0778606 | .2214321 |
| #3 | 2.077607 | .0788273 | .2223687 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.095 | 24638.96 | 2885.422 | 883.3752 | 1731.096 |
| Stddev | 2.274 | 31.78 | 11.779 | 4.0653 | 3.935 |
| %RSD | .2229401 | .1290011 | .4082107 | .4602048 | .2272971 |
| | | | | | |
| #1 | 1017.647 | 24662.87 | 2898.965 | 886.0191 | 1726.564 |
| #2 | 1022.143 | 24602.89 | 2879.731 | 878.6941 | 1733.642 |
| #3 | 1020.493 | 24651.11 | 2877.569 | 885.4125 | 1733.082 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-02DLX2 Acquired: 10/30/2024 23:07:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1270597 | -.023182 | .1259590 | .0014182 | .0040608 | 80.61759 | .9126984 |
| Stddev | .0062406 | .002932 | .0043266 | .0051662 | .0038124 | .24126 | .0055269 |
| %RSD | 4.911536 | 12.64776 | 3.434956 | 364.2844 | 93.88351 | .2992611 | .6055548 |
| #1 | .1320263 | -.023030 | .1209658 | .0054234 | .0046028 | 80.76482 | .9185014 |
| #2 | .1200548 | -.026187 | .1283122 | .0032441 | .0075733 | 80.74880 | .9120972 |
| #3 | .1290979 | -.020329 | .1285991 | -.004413 | .0000064 | 80.33917 | .9074968 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0048091 | .0067095 | 42.07064 | .1811165 | .1011271 | .4025213 | 182.3079 |
| Stddev | .0002472 | .0002496 | .24827 | .0004992 | .0010417 | .0026176 | .8062 |
| %RSD | 5.140869 | 3.719423 | .5901300 | .2756009 | 1.030088 | .6502918 | .4422326 |
| #1 | .0046674 | .0064217 | 41.95024 | .1810046 | .1020574 | .4035196 | 181.8608 |
| #2 | .0050945 | .0068406 | 42.35616 | .1816621 | .1013224 | .4044929 | 183.2386 |
| #3 | .0046652 | .0068661 | 41.90553 | .1806828 | .1000016 | .3995515 | 181.8242 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.188390 | 40.67783 | .1701306 | -.019800 | 1.044357 | .3701835 | .4675532 |
| Stddev | .020186 | .23090 | .0008223 | .000457 | .302306 | .0043194 | .0006638 |
| %RSD | .4819544 | .5676334 | .4833426 | 2.309209 | 28.94665 | 1.166832 | .1419700 |
| #1 | 4.209854 | 40.74762 | .1705281 | -.019560 | 1.011414 | .3707278 | .4667869 |
| #2 | 4.185529 | 40.86578 | .1691851 | -.020328 | .759872 | .3742049 | .4679218 |
| #3 | 4.169787 | 40.42008 | .1706786 | -.019514 | 1.361786 | .3656177 | .4679509 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.28466 | 6.835982 | .1699247 | .0010230 | .9808543 | 4.213366 | .0081475 |
| Stddev | .17617 | .007302 | .0010033 | .0004422 | .0036756 | .033572 | .0012055 |
| %RSD | .6702447 | .1068197 | .5904309 | 43.22885 | .3747401 | .7967974 | 14.79639 |
| #1 | 26.40563 | 6.837091 | .1690213 | .0006450 | .9827261 | 4.222476 | .0083850 |
| #2 | 26.36581 | 6.842667 | .1710045 | .0015093 | .9832173 | 4.241442 | .0092166 |
| #3 | 26.08254 | 6.828189 | .1697483 | .0009147 | .9766195 | 4.176179 | .0068409 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-02DLX2 Acquired: 10/30/2024 23:07:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.090781 | .0572274 | .2379458 |
| Stddev | .010104 | .0011793 | .0008391 |
| %RSD | .4832642 | 2.060766 | .3526317 |
| | | | |
| #1 | 2.101265 | .0581842 | .2389137 |
| #2 | 2.089972 | .0575883 | .2374244 |
| #3 | 2.081106 | .0559098 | .2374993 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1033.035 | 24774.17 | 2890.473 | 892.5412 | 1766.023 |
| Stddev | 1.423 | 126.51 | 14.919 | 3.9285 | 4.803 |
| %RSD | .1377911 | .5106439 | .5161539 | .4401519 | .2719929 |
| | | | | | |
| #1 | 1032.575 | 24752.28 | 2882.390 | 889.4595 | 1761.047 |
| #2 | 1034.632 | 24910.19 | 2881.339 | 896.9649 | 1766.388 |
| #3 | 1031.899 | 24660.03 | 2907.689 | 891.1991 | 1770.633 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-03DLX2 Acquired: 10/30/2024 23:11:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1417598 | -.023916 | .1376751 | .0005727 | .0044706 | 80.33707 | .8890211 |
| Stddev | .0094500 | .000604 | .0042631 | .0038908 | .0028717 | .43678 | .0036773 |
| %RSD | 6.666218 | 2.526190 | 3.096515 | 679.4262 | 64.23389 | .5436814 | .4136337 |
| #1 | .1327692 | -.024221 | .1367372 | -.002481 | .0017208 | 80.16607 | .8864970 |
| #2 | .1516105 | -.024308 | .1339590 | .004953 | .0042409 | 80.01167 | .8873261 |
| #3 | .1408998 | -.023220 | .1423291 | -.000755 | .0074503 | 80.83348 | .8932402 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049157 | .0065923 | 38.64692 | .1758785 | .0988461 | .4351767 | 185.7274 |
| Stddev | .0000373 | .0001542 | .23151 | .0015167 | .0005765 | .0062535 | 1.4276 |
| %RSD | .7594367 | 2.339016 | .5990442 | .8623814 | .5832131 | 1.437013 | .7686486 |
| #1 | .0048893 | .0067592 | 38.51328 | .1743773 | .0994214 | .4351661 | 185.1007 |
| #2 | .0049584 | .0065624 | 38.51324 | .1774103 | .0982684 | .4289285 | 184.7203 |
| #3 | .0048994 | .0064552 | 38.91425 | .1758478 | .0988486 | .4414356 | 187.3611 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.176014 | 38.99781 | .1660073 | -.020227 | 1.311581 | .3760233 | .4754626 |
| Stddev | .015246 | .29880 | .0013143 | .000896 | .247443 | .0086087 | .0042001 |
| %RSD | .3650940 | .7661976 | .7916899 | 4.428902 | 18.86599 | 2.289394 | .8833642 |
| #1 | 4.166945 | 38.74967 | .1650290 | -.019240 | 1.596184 | .3850197 | .4801163 |
| #2 | 4.167480 | 38.91427 | .1675012 | -.020452 | 1.191151 | .3678634 | .4743182 |
| #3 | 4.193616 | 39.32949 | .1654917 | -.020989 | 1.147407 | .3751867 | .4719534 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.04863 | 5.479113 | .1782631 | .0014330 | 1.160443 | 3.922345 | .0074994 |
| Stddev | .17966 | .032573 | .0021344 | .0005906 | .013096 | .023565 | .0006948 |
| %RSD | .7172393 | .5944921 | 1.197304 | 41.21360 | 1.128525 | .6007784 | 9.264191 |
| #1 | 25.21628 | 5.454728 | .1773004 | .0012257 | 1.163402 | 3.909152 | .0067894 |
| #2 | 24.85899 | 5.516106 | .1767797 | .0009740 | 1.171807 | 3.908331 | .0075310 |
| #3 | 25.07063 | 5.466507 | .1807093 | .0020994 | 1.146121 | 3.949551 | .0081779 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-03DLX2 Acquired: 10/30/2024 23:11:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.251181 | .0582211 | .2374978 |
| Stddev | .010911 | .0010320 | .0014459 |
| %RSD | .4846620 | 1.772586 | .6088206 |
| | | | |
| #1 | 2.245322 | .0571445 | .2369092 |
| #2 | 2.244452 | .0592018 | .2364389 |
| #3 | 2.263770 | .0583169 | .2391452 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1023.543 | 24575.78 | 2865.714 | 880.8715 | 1762.517 |
| Stddev | .657 | 81.20 | 14.700 | 7.0445 | 4.125 |
| %RSD | .0641637 | .3303965 | .5129648 | .7997173 | .2340542 |
| | | | | | |
| #1 | 1024.026 | 24483.07 | 2867.561 | 872.7567 | 1764.634 |
| #2 | 1022.795 | 24610.02 | 2879.404 | 885.4167 | 1757.764 |
| #3 | 1023.807 | 24634.25 | 2850.178 | 884.4410 | 1765.155 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-04DLX2 Acquired: 10/30/2024 23:16:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1129079 | -.018395 | .1069597 | .0004926 | .0029845 | 59.62549 | .6986065 |
| Stddev | .0077572 | .002859 | .0020489 | .0074716 | .0020109 | .20611 | .0029115 |
| %RSD | 6.870408 | 15.54468 | 1.915549 | 1516.651 | 67.37867 | .3456737 | .4167527 |
| | | | | | | | |
| #1 | .1198675 | -.021306 | .1093134 | -.006470 | .0006761 | 59.70438 | .6992272 |
| #2 | .1045447 | -.015591 | .1059894 | .008386 | .0039213 | 59.78051 | .7011576 |
| #3 | .1143115 | -.018288 | .1055761 | -.000438 | .0043561 | 59.39159 | .6954347 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0036441 | .0049726 | 34.62582 | .1341657 | .0782021 | .3189112 | 144.9825 |
| Stddev | .0001192 | .0001669 | .11408 | .0011065 | .0001625 | .0010703 | .6763 |
| %RSD | 3.270875 | 3.355989 | .3294634 | .8247073 | .2078446 | .3356087 | .4664657 |
| | | | | | | | |
| #1 | .0035064 | .0048455 | 34.72403 | .1352917 | .0781506 | .3200012 | 145.2377 |
| #2 | .0037135 | .0049106 | 34.65275 | .1330798 | .0783842 | .3178617 | 145.4941 |
| #3 | .0037122 | .0051616 | 34.50069 | .1341257 | .0780716 | .3188706 | 144.2158 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.571729 | 30.12010 | .1317209 | -.017271 | .9613327 | .2973447 | .3756024 |
| Stddev | .020042 | .22494 | .0007027 | .000323 | .2081585 | .0044587 | .0007933 |
| %RSD | .5611321 | .7468049 | .5334676 | 1.869387 | 21.65312 | 1.499520 | .2112025 |
| | | | | | | | |
| #1 | 3.579269 | 30.01767 | .1324107 | -.017222 | .8242280 | .2998857 | .3759740 |
| #2 | 3.586908 | 30.37802 | .1317461 | -.017615 | 1.200858 | .2999521 | .3746916 |
| #3 | 3.549011 | 29.96460 | .1310060 | -.016975 | .858912 | .2921963 | .3761418 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.34871 | 4.560330 | .1365572 | .0010170 | .9228549 | 4.403542 | .0060411 |
| Stddev | .18744 | .011988 | .0006831 | .0005786 | .0068991 | .027935 | .0013740 |
| %RSD | 1.021541 | .2628659 | .5002370 | 56.89370 | .7475844 | .6343815 | 22.74436 |
| | | | | | | | |
| #1 | 18.54850 | 4.570643 | .1368757 | .0003572 | .9156065 | 4.403892 | .0056818 |
| #2 | 18.32092 | 4.563170 | .1370230 | .0014378 | .9236166 | 4.431301 | .0075590 |
| #3 | 18.17672 | 4.547178 | .1357731 | .0012561 | .9293415 | 4.375433 | .0048824 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-04DLX2 Acquired: 10/30/2024 23:16:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.864058 | .0421132 | .1952911 |
| Stddev | .007606 | .0006266 | .0008934 |
| %RSD | .4080378 | 1.487931 | .4574852 |
| | | | |
| #1 | 1.864603 | .0415114 | .1959911 |
| #2 | 1.871377 | .0427620 | .1955974 |
| #3 | 1.856194 | .0420663 | .1942848 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1018.985 | 24499.47 | 2868.322 | 884.6071 | 1784.954 |
| Stddev | .822 | 56.29 | 17.753 | 5.8959 | 2.936 |
| %RSD | .0806550 | .2297448 | .6189226 | .6664959 | .1644919 |
| | | | | | |
| #1 | 1018.041 | 24436.66 | 2865.068 | 877.8472 | 1782.991 |
| #2 | 1019.366 | 24516.40 | 2852.420 | 888.6863 | 1783.543 |
| #3 | 1019.547 | 24545.35 | 2887.476 | 887.2877 | 1788.330 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-05DLX2 Acquired: 10/30/2024 23:20:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1740613 | -.024399 | .1429999 | .0025525 | .0058094 | 79.76315 | .9456664 |
| Stddev | .0034356 | .001267 | .0036739 | .0052382 | .0026052 | .16765 | .0012531 |
| %RSD | 1.973813 | 5.192635 | 2.569150 | 205.2219 | 44.84418 | .2101840 | .1325103 |
| #1 | .1779580 | -.025346 | .1469065 | -.003082 | .0078026 | 79.95549 | .9466457 |
| #2 | .1727573 | -.024891 | .1424790 | .007275 | .0028616 | 79.64799 | .9460992 |
| #3 | .1714685 | -.022960 | .1396143 | .003464 | .0067640 | 79.68597 | .9442542 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046324 | .0068018 | 28.18976 | .1930077 | .1038963 | .4284402 | 189.5576 |
| Stddev | .0003478 | .0001054 | .05482 | .0006811 | .0014018 | .0036048 | .9142 |
| %RSD | 7.508434 | 1.548878 | .1944717 | .3528932 | 1.349200 | .8413871 | .4822648 |
| #1 | .0043016 | .0068159 | 28.25306 | .1931722 | .1054682 | .4324259 | 190.5107 |
| #2 | .0046004 | .0066901 | 28.15818 | .1922594 | .1034449 | .4274867 | 188.6882 |
| #3 | .0049951 | .0068994 | 28.15805 | .1935914 | .1027759 | .4254079 | 189.4740 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.570489 | 38.93343 | .1871344 | -.020506 | 1.204829 | .3547679 | .4582779 |
| Stddev | .012920 | .13098 | .0017482 | .000625 | .174921 | .0053073 | .0045814 |
| %RSD | .2319278 | .3364205 | .9341832 | 3.046185 | 14.51833 | 1.496003 | .9997080 |
| #1 | 5.556490 | 39.00566 | .1890781 | -.020060 | 1.199703 | .3487913 | .4625730 |
| #2 | 5.581952 | 38.78223 | .1856907 | -.021220 | 1.382256 | .3565825 | .4534557 |
| #3 | 5.573025 | 39.01238 | .1866343 | -.020238 | 1.032527 | .3589300 | .4588049 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.05936 | 4.835105 | .1709497 | .0005127 | .7604049 | 3.478158 | .0092514 |
| Stddev | .07536 | .002286 | .0014895 | .0006027 | .0070457 | .003507 | .0022718 |
| %RSD | .3132178 | .0472868 | .8713264 | 117.5339 | .9265702 | .1008154 | 24.55624 |
| #1 | 24.06452 | 4.834895 | .1715854 | .0008998 | .7641056 | 3.482206 | .0112324 |
| #2 | 23.98155 | 4.837489 | .1692478 | -.000182 | .7522800 | 3.476073 | .0097499 |
| #3 | 24.13200 | 4.832931 | .1720159 | .000820 | .7648291 | 3.476195 | .0067717 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-05DLX2 Acquired: 10/30/2024 23:20:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.991641 | .0571168 | .1483734 |
| Stddev | .007625 | .0021117 | .0002800 |
| %RSD | .3828416 | 3.697075 | .1887188 |
| | | | |
| #1 | 2.000358 | .0576983 | .1486538 |
| #2 | 1.988353 | .0547753 | .1483727 |
| #3 | 1.986211 | .0588767 | .1480937 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1028.589 | 24704.27 | 2876.783 | 892.4960 | 1772.542 |
| Stddev | 1.895 | 95.68 | 12.785 | 8.8554 | 3.436 |
| %RSD | .1842439 | .3872830 | .4444080 | .9922105 | .1938213 |
| | | | | | |
| #1 | 1027.017 | 24629.83 | 2863.340 | 884.0995 | 1768.577 |
| #2 | 1030.694 | 24812.19 | 2888.788 | 901.7482 | 1774.409 |
| #3 | 1028.058 | 24670.80 | 2878.222 | 891.6401 | 1774.639 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-06DLX2 Acquired: 10/30/2024 23:25:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2569718 | -.033627 | .1722572 | -.004616 | .0071993 | 104.2122 | 1.181207 |
| Stddev | .0045897 | .000805 | .0012083 | .005078 | .0011486 | .2872 | .003686 |
| %RSD | 1.786074 | 2.394792 | .7014361 | 110.0025 | 15.95410 | .2755674 | .3120663 |
| #1 | .2561902 | -.032837 | .1708814 | .000984 | .0060699 | 104.5149 | 1.183712 |
| #2 | .2619021 | -.033596 | .1727447 | -.008920 | .0083661 | 104.1779 | 1.182933 |
| #3 | .2528231 | -.034447 | .1731456 | -.005912 | .0071619 | 103.9437 | 1.176974 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0062332 | .0097340 | 44.09699 | .3014328 | .1650926 | .5368287 | 263.8684 |
| Stddev | .0002127 | .0000881 | .21281 | .0021539 | .0006455 | .0045734 | .9068 |
| %RSD | 3.413083 | .9048524 | .4826054 | .7145528 | .3909840 | .8519295 | .3436707 |
| #1 | .0061595 | .0096754 | 44.27630 | .3010256 | .1644387 | .5371993 | 264.5362 |
| #2 | .0060671 | .0096913 | 44.15285 | .3037613 | .1651097 | .5412056 | 264.2330 |
| #3 | .0064729 | .0098353 | 43.86181 | .2995116 | .1657293 | .5320814 | 262.8360 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.444315 | 55.94920 | .3021258 | -.025412 | 1.216893 | .5137173 | .5355471 |
| Stddev | .016070 | .35096 | .0011687 | .000565 | .054664 | .0016068 | .0057175 |
| %RSD | .2158671 | .6272894 | .3868353 | 2.224481 | 4.492086 | .3127837 | 1.067596 |
| #1 | 7.449061 | 55.76497 | .3008608 | -.025947 | 1.277382 | .5122524 | .5388203 |
| #2 | 7.457477 | 56.35391 | .3023513 | -.024821 | 1.202268 | .5134638 | .5388758 |
| #3 | 7.426407 | 55.72871 | .3031654 | -.025467 | 1.171030 | .5154359 | .5289452 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 28.87397 | 6.189646 | .2276474 | .0007686 | 1.088411 | 2.980340 | .0066877 |
| Stddev | .14009 | .012833 | .0006663 | .0004263 | .011207 | .014250 | .0020388 |
| %RSD | .4851684 | .2073294 | .2926927 | 55.46692 | 1.029689 | .4781242 | 30.48523 |
| #1 | 28.92453 | 6.174841 | .2284088 | .0012463 | 1.077228 | 2.972056 | .0070056 |
| #2 | 28.98176 | 6.196516 | .2273621 | .0004266 | 1.099642 | 2.996794 | .0085488 |
| #3 | 28.71562 | 6.197582 | .2271712 | .0006330 | 1.088363 | 2.972171 | .0045087 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-06DLX2 Acquired: 10/30/2024 23:25:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.157080 | .0786547 | .2124343 |
| Stddev | .009257 | .0009698 | .0008234 |
| %RSD | .4291577 | 1.232962 | .3876147 |
| | | | |
| #1 | 2.165872 | .0797709 | .2132675 |
| #2 | 2.157949 | .0780191 | .2124145 |
| #3 | 2.147419 | .0781741 | .2116210 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1028.836 | 24850.09 | 2898.126 | 895.7729 | 1736.433 |
| Stddev | 2.727 | 49.12 | 10.122 | 5.1979 | .307 |
| %RSD | .2650768 | .1976526 | .3492568 | .5802720 | .0176939 |
| | | | | | |
| #1 | 1031.493 | 24816.30 | 2904.522 | 891.7929 | 1736.382 |
| #2 | 1028.973 | 24827.54 | 2886.456 | 893.8722 | 1736.155 |
| #3 | 1026.043 | 24906.44 | 2903.400 | 901.6537 | 1736.763 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-07DLX2 Acquired: 10/30/2024 23:29:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1850630 | -.025215 | .1414492 | -.001277 | .0051428 | 83.24994 | .9394875 |
| Stddev | .0033630 | .001380 | .0023800 | .006971 | .0009509 | .26085 | .0038029 |
| %RSD | 1.817219 | 5.473564 | 1.682547 | 545.9502 | 18.48927 | .3133384 | .4047852 |
| #1 | .1887052 | -.025058 | .1439020 | .003421 | .0040479 | 83.17545 | .9402153 |
| #2 | .1820755 | -.023920 | .1391495 | .002035 | .0057614 | 83.53994 | .9428739 |
| #3 | .1844081 | -.026667 | .1412961 | -.009286 | .0056191 | 83.03443 | .9353733 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049591 | .0068153 | 26.67864 | .1967169 | .1053244 | .4930452 | 188.0034 |
| Stddev | .0002713 | .0001770 | .07474 | .0012290 | .0006604 | .0028173 | .7609 |
| %RSD | 5.471393 | 2.596782 | .2801476 | .6247634 | .6270408 | .5714003 | .4047159 |
| #1 | .0052723 | .0067702 | 26.59389 | .1967113 | .1060579 | .4962706 | 187.6180 |
| #2 | .0047945 | .0070105 | 26.70691 | .1979488 | .1047770 | .4917994 | 188.8799 |
| #3 | .0048106 | .0066653 | 26.73513 | .1954907 | .1051383 | .4910656 | 187.5124 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.256334 | 40.46370 | .1904258 | -.019954 | 1.262040 | .3618191 | .4546152 |
| Stddev | .032674 | .11852 | .0010388 | .000289 | .329287 | .0057683 | .0013918 |
| %RSD | .6216080 | .2929116 | .5455229 | 1.446950 | 26.09163 | 1.594245 | .3061552 |
| #1 | 5.245641 | 40.50121 | .1900012 | -.020122 | 1.568970 | .3683798 | .4544374 |
| #2 | 5.293015 | 40.55894 | .1916097 | -.020121 | .914216 | .3575430 | .4533208 |
| #3 | 5.230347 | 40.33097 | .1896665 | -.019621 | 1.302935 | .3595347 | .4560873 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.64683 | 4.581200 | .1673727 | -.000506 | .5952685 | 3.129750 | .0056390 |
| Stddev | .03859 | .013846 | .0017218 | .000610 | .0058882 | .025678 | .0035151 |
| %RSD | .1632076 | .3022342 | 1.028690 | 120.5256 | .9891703 | .8204632 | 62.33693 |
| #1 | 23.67377 | 4.584367 | .1654216 | -.000945 | .5975548 | 3.109928 | .0040189 |
| #2 | 23.60262 | 4.593189 | .1680175 | -.000765 | .5996706 | 3.158758 | .0096720 |
| #3 | 23.66410 | 4.566045 | .1686789 | .000191 | .5885800 | 3.120564 | .0032259 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-07DLX2 Acquired: 10/30/2024 23:29:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.019571 | .0590095 | .1586686 |
| Stddev | .006163 | .0020851 | .0004972 |
| %RSD | .3051457 | 3.533554 | .3133554 |
| #1 | 2.018289 | .0586840 | .1587781 |
| #2 | 2.026273 | .0612382 | .1591020 |
| #3 | 2.014150 | .0571062 | .1581258 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1033.944 | 24742.79 | 2874.977 | 888.9322 | 1777.678 |
| Stddev | 1.336 | 23.05 | 19.822 | .5598 | 1.993 |
| %RSD | .1292139 | .0931629 | .6894570 | .0629740 | .1121293 |
| #1 | 1032.957 | 24760.33 | 2888.040 | 889.2102 | 1777.611 |
| #2 | 1033.411 | 24716.68 | 2852.170 | 889.2985 | 1775.719 |
| #3 | 1035.464 | 24751.34 | 2884.722 | 888.2878 | 1779.704 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-08DLX2 Acquired: 10/30/2024 23:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1984449 | -.025497 | .2245921 | .0002164 | .0101047 | 102.6982 | 1.111732 |
| Stddev | .0069621 | .001678 | .0068038 | .0119008 | .0037839 | 2.4540 | .028783 |
| %RSD | 3.508316 | 6.581431 | 3.029393 | 5500.610 | 37.44754 | 2.389565 | 2.589031 |
| #1 | .2062942 | -.027092 | .2323591 | .0029922 | .0102398 | 105.5317 | 1.144968 |
| #2 | .1930163 | -.023747 | .2217316 | .0104839 | .0138192 | 101.3060 | 1.094977 |
| #3 | .1960240 | -.025652 | .2196855 | -.012827 | .0062549 | 101.2568 | 1.095252 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057645 | .0105881 | 30.07157 | .2346270 | .1290248 | .8610273 | 223.2830 |
| Stddev | .0002417 | .0003375 | .77147 | .0011035 | .0015944 | .0232360 | 4.9957 |
| %RSD | 4.193448 | 3.187255 | 2.565454 | .4703325 | 1.235726 | 2.698636 | 2.237395 |
| #1 | .0059523 | .0102049 | 30.95796 | .2345400 | .1276061 | .8877775 | 229.0478 |
| #2 | .0058495 | .0108411 | 29.70520 | .2335695 | .1287182 | .8494495 | 220.5815 |
| #3 | .0054918 | .0107182 | 29.55154 | .2357715 | .1307503 | .8458548 | 220.2198 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.136980 | 48.92423 | .2278901 | -.023451 | 1.592524 | .4167514 | .6647541 |
| Stddev | .148672 | 1.10642 | .0014214 | .000751 | .112590 | .0169380 | .0039826 |
| %RSD | 2.422554 | 2.261503 | .6237152 | 3.201010 | 7.069916 | 4.064304 | .5991051 |
| #1 | 6.308423 | 50.19617 | .2263695 | -.024198 | 1.722468 | .4355158 | .6686214 |
| #2 | 6.043592 | 48.39221 | .2281156 | -.023456 | 1.531068 | .4025923 | .6606655 |
| #3 | 6.058925 | 48.18431 | .2291853 | -.022697 | 1.524036 | .4121459 | .6649753 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 33.36600 | 6.495477 | .1997873 | .0004502 | .9575050 | 3.167354 | .0107707 |
| Stddev | .82337 | .041618 | .0068653 | .0002913 | .0070331 | .059236 | .0012209 |
| %RSD | 2.467702 | .6407285 | 3.436312 | 64.71152 | .7345249 | 1.870220 | 11.33513 |
| #1 | 34.31675 | 6.499744 | .2077128 | .0003886 | .9518770 | 3.235363 | .0106602 |
| #2 | 32.88890 | 6.451889 | .1956763 | .0001946 | .9552486 | 3.127028 | .0096089 |
| #3 | 32.89236 | 6.534797 | .1959728 | .0007674 | .9653894 | 3.139670 | .0120431 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-08DLX2 Acquired: 10/30/2024 23:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.448239 | .0719208 | .1872607 |
| Stddev | .065107 | .0033318 | .0048313 |
| %RSD | 2.659331 | 4.632619 | 2.579982 |
| | | | |
| #1 | 2.523004 | .0757537 | .1928337 |
| #2 | 2.417680 | .0697167 | .1842555 |
| #3 | 2.404033 | .0702921 | .1846930 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1042.385 | 25070.99 | 2890.771 | 899.5381 | 1751.669 |
| Stddev | 1.906 | 18.46 | 56.186 | 7.8320 | 2.903 |
| %RSD | .1828765 | .0736188 | 1.943632 | .8706652 | .1657359 |
| | | | | | |
| #1 | 1043.474 | 25056.70 | 2826.014 | 890.5564 | 1751.420 |
| #2 | 1040.184 | 25064.45 | 2926.576 | 903.1138 | 1754.689 |
| #3 | 1043.498 | 25091.83 | 2919.723 | 904.9440 | 1748.899 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-09DLX2 Acquired: 10/30/2024 23:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0770655 | -.026733 | .1092172 | .0037621 | .0030905 | 81.19186 | .8952610 |
| Stddev | .0063043 | .004942 | .0042153 | .0018138 | .0033724 | .21310 | .0030657 |
| %RSD | 8.180484 | 18.48508 | 3.859600 | 48.21178 | 109.1239 | .2624690 | .3424327 |
| #1 | .0837486 | -.023102 | .1083844 | .0058467 | .0063502 | 80.98713 | .8918645 |
| #2 | .0712247 | -.032360 | .1054804 | .0028947 | .0033056 | 81.17600 | .8960955 |
| #3 | .0762231 | -.024736 | .1137868 | .0025449 | -.000384 | 81.41245 | .8978231 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0051394 | .0060023 | 57.82473 | .1680528 | .1056192 | .2245648 | 187.1083 |
| Stddev | .0001355 | .0001080 | .10303 | .0004631 | .0002886 | .0064374 | .2328 |
| %RSD | 2.637176 | 1.799121 | .1781830 | .2755602 | .2732298 | 2.866601 | .1243967 |
| #1 | .0051445 | .0061144 | 57.71317 | .1675732 | .1052989 | .2171504 | 186.9195 |
| #2 | .0050015 | .0058989 | 57.84473 | .1680879 | .1058589 | .2287301 | 187.0370 |
| #3 | .0052724 | .0059936 | 57.91630 | .1684974 | .1056997 | .2278139 | 187.3683 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.402244 | 40.40771 | .1776810 | -.020290 | 1.737469 | .4252064 | .3689020 |
| Stddev | .003152 | .22191 | .0004174 | .000404 | .158631 | .0077036 | .0010164 |
| %RSD | .0715926 | .5491799 | .2349375 | 1.991197 | 9.130022 | 1.811726 | .2755248 |
| #1 | 4.400255 | 40.62672 | .1780895 | -.020623 | 1.832787 | .4224763 | .3677794 |
| #2 | 4.405878 | 40.41341 | .1776984 | -.019840 | 1.825271 | .4339032 | .3691669 |
| #3 | 4.400601 | 40.18301 | .1772551 | -.020407 | 1.554349 | .4192396 | .3697598 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 19.62710 | 5.592104 | .1684967 | -.000841 | .6356831 | 4.812547 | .0036147 |
| Stddev | .02360 | .030807 | .0015661 | .000584 | .0112261 | .014825 | .0025784 |
| %RSD | .1202188 | .5509085 | .9294576 | 69.35395 | 1.765994 | .3080456 | 71.33172 |
| #1 | 19.60950 | 5.626640 | .1670434 | -.000442 | .6471798 | 4.827490 | .0006383 |
| #2 | 19.65391 | 5.567450 | .1682915 | -.000571 | .6351210 | 4.797843 | .0051662 |
| #3 | 19.61788 | 5.582221 | .1701554 | -.001511 | .6247486 | 4.812308 | .0050395 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-09DLX2 Acquired: 10/30/2024 23:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.125044 | .0523751 | .2297898 |
| Stddev | .006444 | .0002786 | .0006815 |
| %RSD | .2062077 | .5318805 | .2965639 |
| | | | |
| #1 | 3.118541 | .0526926 | .2291786 |
| #2 | 3.131428 | .0521720 | .2296662 |
| #3 | 3.125163 | .0522606 | .2305246 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1032.412 | 24916.24 | 2933.396 | 893.7729 | 1739.599 |
| Stddev | 4.210 | 27.45 | 9.880 | .9106 | 3.483 |
| %RSD | .4078134 | .1101763 | .3368067 | .1018816 | .2002145 |
| | | | | | |
| #1 | 1032.166 | 24947.85 | 2922.487 | 894.7552 | 1740.228 |
| #2 | 1036.740 | 24898.47 | 2941.743 | 893.6064 | 1742.724 |
| #3 | 1028.331 | 24902.38 | 2935.958 | 892.9570 | 1735.844 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-10DLX2 Acquired: 10/30/2024 23:42:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1857842 | -.025606 | .1426102 | -.001082 | .0076251 | 84.07812 | .9591928 |
| Stddev | .0091213 | .003056 | .0031805 | .003504 | .0012736 | .29710 | .0019725 |
| %RSD | 4.909632 | 11.93452 | 2.230196 | 323.9284 | 16.70245 | .3533674 | .2056388 |
| #1 | .1926425 | -.023571 | .1402061 | -.001890 | .0062336 | 83.80695 | .9579237 |
| #2 | .1892775 | -.024126 | .1462166 | .002756 | .0087329 | 84.39570 | .9614652 |
| #3 | .1754325 | -.029120 | .1414080 | -.004111 | .0079088 | 84.03172 | .9581895 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0050828 | .0074390 | 26.28918 | .2116595 | .1147309 | .4674819 | 190.8562 |
| Stddev | .0003195 | .0004230 | .14878 | .0004716 | .0005953 | .0057702 | .6527 |
| %RSD | 6.286215 | 5.686078 | .5659349 | .2228068 | .5188640 | 1.234309 | .3420096 |
| #1 | .0050217 | .0073174 | 26.12390 | .2120580 | .1141598 | .4611302 | 190.1130 |
| #2 | .0054284 | .0079095 | 26.41241 | .2117816 | .1153478 | .4724003 | 191.3366 |
| #3 | .0047982 | .0070901 | 26.33122 | .2111388 | .1146851 | .4689154 | 191.1189 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.680840 | 42.20003 | .2087770 | -.020946 | 1.097633 | .3667017 | .4639606 |
| Stddev | .019842 | .14105 | .0013394 | .000123 | .240343 | .0118044 | .0006332 |
| %RSD | .3492821 | .3342503 | .6415542 | .5879138 | 21.89653 | 3.219083 | .1364833 |
| #1 | 5.657938 | 42.11268 | .2078364 | -.020968 | .860827 | .3564114 | .4634756 |
| #2 | 5.691701 | 42.36276 | .2103106 | -.020813 | 1.090707 | .3641056 | .4646770 |
| #3 | 5.692880 | 42.12466 | .2081841 | -.021056 | 1.341364 | .3795881 | .4637292 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.64037 | 5.101421 | .1664913 | -.000183 | .7298897 | 3.527019 | .0079706 |
| Stddev | .16355 | .023523 | .0007381 | .000679 | .0064542 | .043804 | .0022999 |
| %RSD | .6918048 | .4610988 | .4433017 | 371.4040 | .8842732 | 1.241948 | 28.85484 |
| #1 | 23.50930 | 5.093616 | .1656437 | -.000953 | .7231261 | 3.487446 | .0093805 |
| #2 | 23.58816 | 5.127854 | .1668373 | .000080 | .7359821 | 3.574086 | .0092147 |
| #3 | 23.82364 | 5.082793 | .1669927 | .000326 | .7305609 | 3.519524 | .0053166 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-10DLX2 Acquired: 10/30/2024 23:42:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4B9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.246499 | .0613838 | .1525414 |
| Stddev | .005182 | .0002625 | .0006899 |
| %RSD | .2306855 | .4276764 | .4522493 |
| | | | |
| #1 | 2.240647 | .0616817 | .1517807 |
| #2 | 2.250509 | .0612832 | .1531265 |
| #3 | 2.248341 | .0611864 | .1527171 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.873 | 24788.61 | 2873.988 | 895.9318 | 1767.726 |
| Stddev | 1.245 | 18.68 | 25.014 | 2.0562 | 5.335 |
| %RSD | .1211162 | .0753394 | .8703453 | .2295009 | .3017869 |
| | | | | | |
| #1 | 1026.441 | 24771.22 | 2896.669 | 893.5602 | 1770.684 |
| #2 | 1028.488 | 24808.35 | 2847.161 | 897.0207 | 1761.568 |
| #3 | 1028.692 | 24786.27 | 2878.135 | 897.2145 | 1770.927 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-11DLX2 Acquired: 10/30/2024 23:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1836157 | -.031508 | .1783970 | -.000886 | .0052975 | 101.0052 | 1.107238 |
| Stddev | .0070733 | .002436 | .0042550 | .003895 | .0014444 | .1333 | .003216 |
| %RSD | 3.852230 | 7.731085 | 2.385130 | 439.8164 | 27.26610 | .1319604 | .2904763 |
| #1 | .1902881 | -.034304 | .1830788 | .000518 | .0053136 | 101.1292 | 1.110405 |
| #2 | .1762002 | -.029849 | .1747655 | -.005288 | .0038451 | 101.0220 | 1.107334 |
| #3 | .1843587 | -.030370 | .1773467 | .002113 | .0067339 | 100.8643 | 1.103974 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059928 | .0090263 | 38.16212 | .2292785 | .1301042 | .6042922 | 227.8231 |
| Stddev | .0003114 | .0001356 | .16084 | .0006841 | .0007383 | .0071696 | .1786 |
| %RSD | 5.196236 | 1.502565 | .4214561 | .2983877 | .5674895 | 1.186442 | .0783887 |
| #1 | .0060373 | .0089029 | 38.34422 | .2289292 | .1309238 | .6088965 | 228.0016 |
| #2 | .0062796 | .0091715 | 38.10264 | .2288396 | .1294911 | .5960316 | 227.8235 |
| #3 | .0056616 | .0090045 | 38.03949 | .2300668 | .1298976 | .6079486 | 227.6444 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.991628 | 49.31695 | .2300186 | -.022465 | 1.529611 | .4467427 | .5710249 |
| Stddev | .006847 | .08571 | .0014262 | .000433 | .282788 | .0051708 | .0050846 |
| %RSD | .1142790 | .1737955 | .6200233 | 1.928850 | 18.48760 | 1.157447 | .8904299 |
| #1 | 5.998351 | 49.30741 | .2287913 | -.022524 | 1.529892 | .4445886 | .5665831 |
| #2 | 5.991870 | 49.40703 | .2315831 | -.022005 | 1.812260 | .4429972 | .5765708 |
| #3 | 5.984663 | 49.23641 | .2296814 | -.022866 | 1.246683 | .4526423 | .5699209 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 31.06364 | 6.404539 | .2047317 | -.000162 | .8451173 | 3.708844 | .0087489 |
| Stddev | .12784 | .010664 | .0016554 | .000346 | .0104498 | .009689 | .0012097 |
| %RSD | .4115513 | .1665144 | .8085834 | 213.7173 | 1.236496 | .2612520 | 13.82667 |
| #1 | 31.17872 | 6.394774 | .2060928 | -.000557 | .8505910 | 3.704282 | .0074607 |
| #2 | 30.92603 | 6.415919 | .2052134 | .000090 | .8330676 | 3.719972 | .0098607 |
| #3 | 31.08617 | 6.402924 | .2028888 | -.000019 | .8516932 | 3.702278 | .0089253 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-11DLX2 Acquired: 10/30/2024 23:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.779633 | .0713652 | .2039498 |
| Stddev | .004051 | .0006264 | .0002482 |
| %RSD | .1457406 | .8776868 | .1216946 |
| | | | |
| #1 | 2.783253 | .0707214 | .2042191 |
| #2 | 2.780388 | .0714016 | .2037304 |
| #3 | 2.775257 | .0719725 | .2038999 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1039.303 | 24982.08 | 2893.540 | 899.8800 | 1745.317 |
| Stddev | 1.891 | 41.81 | 9.957 | 6.5233 | 3.195 |
| %RSD | .1819477 | .1673665 | .3441284 | .7249117 | .1830563 |
| | | | | | |
| #1 | 1040.587 | 24991.24 | 2885.655 | 900.5795 | 1746.745 |
| #2 | 1037.132 | 24936.44 | 2890.235 | 893.0351 | 1741.657 |
| #3 | 1040.190 | 25018.55 | 2904.730 | 906.0254 | 1747.549 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-12DLX2 Acquired: 10/30/2024 23:51:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1820019 | -.024679 | .1706506 | .0011156 | .0044525 | 91.46920 | .9878508 |
| Stddev | .0014555 | .004694 | .0032198 | .0004661 | .0019690 | .03322 | .0042929 |
| %RSD | .7997245 | 19.02013 | 1.886806 | 41.77559 | 44.22230 | .0363157 | .4345727 |
| #1 | .1833663 | -.029996 | .1691839 | .0016479 | .0024180 | 91.50338 | .9876802 |
| #2 | .1821696 | -.021110 | .1743426 | .0009179 | .0063486 | 91.43704 | .9922265 |
| #3 | .1804698 | -.022931 | .1684252 | .0007810 | .0045908 | 91.46717 | .9836457 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052404 | .0081095 | 29.53882 | .2141641 | .1162126 | .5985377 | 196.6206 |
| Stddev | .0002685 | .0001269 | .09495 | .0009375 | .0004389 | .0007893 | .3884 |
| %RSD | 5.123395 | 1.565197 | .3214527 | .4377627 | .3776967 | .1318700 | .1975373 |
| #1 | .0051863 | .0079723 | 29.64809 | .2130819 | .1160803 | .5990520 | 197.0678 |
| #2 | .0050031 | .0081336 | 29.49193 | .2146789 | .1158550 | .5976289 | 196.4267 |
| #3 | .0055319 | .0082227 | 29.47643 | .2147314 | .1167025 | .5989321 | 196.3674 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.486296 | 44.48086 | .2131479 | -.020115 | .9906628 | .3806223 | .5419556 |
| Stddev | .021837 | .16913 | .0003999 | .000443 | .0021311 | .0092702 | .0015579 |
| %RSD | .3980282 | .3802351 | .1876251 | 2.201028 | .2151192 | 2.435527 | .2874547 |
| #1 | 5.489696 | 44.67533 | .2126944 | -.020431 | .9913932 | .3720289 | .5414633 |
| #2 | 5.506233 | 44.36816 | .2134501 | -.019609 | .9923327 | .3793918 | .5407033 |
| #3 | 5.462958 | 44.39907 | .2132994 | -.020306 | .9882625 | .3904463 | .5437002 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.00331 | 5.162253 | .1772132 | -.000006 | .7645607 | 4.225846 | .0090110 |
| Stddev | .06869 | .011363 | .0015364 | .000885 | .0066472 | .016161 | .0015346 |
| %RSD | .2641611 | .2201195 | .8669587 | 14434.82 | .8694158 | .3824432 | 17.03071 |
| #1 | 26.01877 | 5.149403 | .1786796 | .000469 | .7569688 | 4.238088 | .0093386 |
| #2 | 26.06295 | 5.166379 | .1773446 | .000540 | .7673780 | 4.207527 | .0103554 |
| #3 | 25.92820 | 5.170976 | .1756153 | -.001027 | .7693353 | 4.231923 | .0073390 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-12DLX2 Acquired: 10/30/2024 23:51:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.316414 | .0647566 | .1684973 |
| Stddev | .004885 | .0010149 | .0006326 |
| %RSD | .2108750 | 1.567248 | .3754548 |
| | | | |
| #1 | 2.320693 | .0656361 | .1682397 |
| #2 | 2.311092 | .0636461 | .1692181 |
| #3 | 2.317456 | .0649877 | .1680340 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1032.641 | 24750.50 | 2872.809 | 891.6364 | 1758.189 |
| Stddev | 1.763 | 82.62 | 12.438 | 1.4163 | 1.996 |
| %RSD | .1707006 | .3338021 | .4329622 | .1588419 | .1135521 |
| | | | | | |
| #1 | 1030.776 | 24750.82 | 2860.048 | 892.4610 | 1757.525 |
| #2 | 1034.279 | 24667.72 | 2873.481 | 890.0010 | 1760.433 |
| #3 | 1032.869 | 24832.95 | 2884.897 | 892.4471 | 1756.609 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-13DLX2 Acquired: 10/30/2024 23:56:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1729221 | -.021782 | .1552270 | -.004074 | .0042075 | 83.97877 | .9109803 |
| Stddev | .0036199 | .004422 | .0039599 | .001247 | .0026916 | .15569 | .0018887 |
| %RSD | 2.093392 | 20.30066 | 2.551044 | 30.61009 | 63.96991 | .1853885 | .2073292 |
| #1 | .1687452 | -.026688 | .1528525 | -.003574 | .0015898 | 83.91321 | .9111644 |
| #2 | .1751482 | -.018102 | .1530301 | -.005494 | .0040655 | 84.15652 | .9127702 |
| #3 | .1748730 | -.020556 | .1597983 | -.003155 | .0069673 | 83.86659 | .9090063 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046510 | .0070047 | 29.35647 | .1972538 | .1067275 | .5297317 | 180.0725 |
| Stddev | .0001368 | .0000947 | .36375 | .0005020 | .0002539 | .0010125 | .7917 |
| %RSD | 2.941667 | 1.351927 | 1.239063 | .2544709 | .2379372 | .1911396 | .4396775 |
| #1 | .0046374 | .0069379 | 29.71245 | .1966751 | .1069721 | .5285811 | 179.2046 |
| #2 | .0047941 | .0069630 | 29.37153 | .1975149 | .1067451 | .5304867 | 180.2575 |
| #3 | .0045215 | .0071131 | 28.98543 | .1975713 | .1064651 | .5301274 | 180.7553 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.034228 | 40.04523 | .1907236 | -.019866 | .8881168 | .3552837 | .6751861 |
| Stddev | .018500 | .13482 | .0024738 | .000946 | .2870891 | .0024839 | .0316608 |
| %RSD | .3674820 | .3366769 | 1.297054 | 4.762624 | 32.32560 | .6991179 | 4.689203 |
| #1 | 5.036055 | 40.19076 | .1901447 | -.018774 | 1.171882 | .3541396 | .7101760 |
| #2 | 5.051746 | 39.92458 | .1885906 | -.020388 | .597815 | .3535780 | .6668667 |
| #3 | 5.014882 | 40.02034 | .1934355 | -.020437 | .894653 | .3581334 | .6485156 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.45341 | 4.639139 | .1615051 | .0004303 | .6845495 | 3.464511 | .0049235 |
| Stddev | .03341 | .014579 | .0016929 | .0003709 | .0012086 | .012481 | .0027317 |
| %RSD | .1424427 | .3142700 | 1.048214 | 86.19235 | .1765509 | .3602487 | 55.48239 |
| #1 | 23.48259 | 4.628078 | .1602388 | .0007972 | .6855239 | 3.456968 | .0047024 |
| #2 | 23.46066 | 4.655660 | .1634279 | .0004383 | .6831971 | 3.478917 | .0077590 |
| #3 | 23.41697 | 4.633678 | .1608484 | .0000555 | .6849275 | 3.457648 | .0023091 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-13DLX2 Acquired: 10/30/2024 23:56:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.237011 | .0588796 | .1559201 |
| Stddev | .003783 | .0007924 | .0002639 |
| %RSD | .1691265 | 1.345803 | .1692356 |
| | | | |
| #1 | 2.240136 | .0584711 | .1558836 |
| #2 | 2.238092 | .0597928 | .1562003 |
| #3 | 2.232804 | .0583747 | .1556764 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.591 | 24693.04 | 2866.558 | 887.4802 | 1768.241 |
| Stddev | 1.059 | 112.93 | 7.380 | 6.9195 | 1.669 |
| %RSD | .1030627 | .4573154 | .2574582 | .7796787 | .0943807 |
| | | | | | |
| #1 | 1026.877 | 24564.40 | 2865.925 | 879.8711 | 1769.960 |
| #2 | 1027.088 | 24738.93 | 2859.515 | 893.3956 | 1766.627 |
| #3 | 1028.808 | 24775.80 | 2874.235 | 889.1740 | 1768.137 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-14DLX2 Acquired: 10/31/2024 0:00:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2620599 | .0691012 | .2037712 | .1630009 | .1675083 | 92.49552 | 4.747363 |
| Stddev | .0121690 | .0040395 | .0044091 | .0099456 | .0014753 | .22159 | .010984 |
| %RSD | 4.643578 | 5.845776 | 2.163774 | 6.101578 | .8807102 | .2395668 | .2313774 |
| #1 | .2487853 | .0650328 | .2081141 | .1601837 | .1688361 | 92.75112 | 4.757594 |
| #2 | .2726874 | .0691597 | .2039010 | .1547678 | .1659202 | 92.35764 | 4.748739 |
| #3 | .2647069 | .0731112 | .1992986 | .1740512 | .1677686 | 92.37779 | 4.735755 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1006846 | .1054293 | 28.59510 | .6011543 | 1.087066 | 1.026637 | 192.8963 |
| Stddev | .0001181 | .0002083 | .15438 | .0016281 | .001542 | .003341 | .4094 |
| %RSD | .1173121 | .1975427 | .5398896 | .2708300 | .1418113 | .3254077 | .2122527 |
| #1 | .1007196 | .1056572 | 28.77335 | .6012065 | 1.088842 | 1.024487 | 193.3620 |
| #2 | .1007812 | .1052489 | 28.50389 | .6027557 | 1.086069 | 1.030485 | 192.7338 |
| #3 | .1005529 | .1053818 | 28.50806 | .5995007 | 1.086288 | 1.024938 | 192.5931 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.318295 | 43.13272 | 1.189856 | .0707014 | .9917850 | 1.299415 | 1.305216 |
| Stddev | .017076 | .04975 | .003669 | .0007106 | .0891059 | .006294 | .002826 |
| %RSD | .2702609 | .1153360 | .3083160 | 1.005020 | 8.984393 | .4843380 | .2165021 |
| #1 | 6.327644 | 43.18293 | 1.192659 | .0713761 | .9157215 | 1.292547 | 1.303943 |
| #2 | 6.328656 | 43.13177 | 1.185704 | .0699597 | 1.089822 | 1.300791 | 1.308455 |
| #3 | 6.298587 | 43.08345 | 1.191206 | .0707684 | .969812 | 1.304906 | 1.303251 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.42601 | 5.088027 | .1713449 | -.000143 | .7630521 | 4.087452 | .0081718 |
| Stddev | .11518 | .006072 | .0016894 | .000406 | .0075791 | .011631 | .0025809 |
| %RSD | .4529898 | .1193358 | .9859679 | 282.8644 | .9932604 | .2845602 | 31.58366 |
| #1 | 25.47025 | 5.093782 | .1731662 | -.000129 | .7645111 | 4.097423 | .0052929 |
| #2 | 25.51250 | 5.081682 | .1698290 | .000255 | .7548496 | 4.090259 | .0102787 |
| #3 | 25.29527 | 5.088617 | .1710395 | -.000556 | .7697956 | 4.074675 | .0089437 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-14DLX2 Acquired: 10/31/2024 0:00:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.258318 | .0622880 | .1649242 |
| Stddev | .006093 | .0005914 | .0002375 |
| %RSD | .2697881 | .9495077 | .1440013 |
| | | | |
| #1 | 2.265132 | .0627144 | .1651882 |
| #2 | 2.256429 | .0625367 | .1648566 |
| #3 | 2.253394 | .0616128 | .1647278 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.609 | 24706.27 | 2897.813 | 889.2070 | 1747.367 |
| Stddev | 2.081 | 82.08 | 17.149 | 3.0062 | 2.882 |
| %RSD | .2025165 | .3322233 | .5917778 | .3380794 | .1649526 |
| | | | | | |
| #1 | 1025.785 | 24617.30 | 2879.632 | 886.3455 | 1744.041 |
| #2 | 1029.875 | 24779.05 | 2900.109 | 888.9360 | 1749.128 |
| #3 | 1027.166 | 24722.46 | 2913.698 | 892.3396 | 1748.933 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-12LDLX10 Acquired: 10/31/2024 0:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0405666 | -.005772 | .0348802 | .0020260 | -.000419 | 20.04845 | .2156009 |
| Stddev | .0063330 | .002560 | .0032093 | .0043712 | .001981 | .01284 | .0002462 |
| %RSD | 15.61143 | 44.35071 | 9.200830 | 215.7556 | 473.2782 | .0640527 | .1141808 |
| #1 | .0368099 | -.003002 | .0349402 | -.002799 | -.002488 | 20.06268 | .2154053 |
| #2 | .0370115 | -.008051 | .0316414 | .003156 | -.000227 | 20.04494 | .2155201 |
| #3 | .0478784 | -.006264 | .0380591 | .005721 | .001460 | 20.03773 | .2158773 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0011963 | .0016241 | 6.489909 | .0468342 | .0240994 | .1317961 | 43.71865 |
| Stddev | .0001542 | .0000846 | .056749 | .0008417 | .0004747 | .0030054 | .08171 |
| %RSD | 12.89143 | 5.211797 | .8744135 | 1.797097 | 1.969733 | 2.280367 | .1868889 |
| #1 | .0012484 | .0015687 | 6.483585 | .0467123 | .0246158 | .1304245 | 43.79030 |
| #2 | .0010228 | .0015821 | 6.436587 | .0460601 | .0240002 | .1352427 | 43.73599 |
| #3 | .0013177 | .0017215 | 6.549555 | .0477302 | .0236821 | .1297212 | 43.62967 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.225895 | 9.730020 | .0442213 | -.008480 | .2398625 | .0845040 | .1168630 |
| Stddev | .002789 | .086548 | .0005891 | .000512 | .1424951 | .0020622 | .0007539 |
| %RSD | .2274969 | .8894900 | 1.332174 | 6.036738 | 59.40701 | 2.440409 | .6451192 |
| #1 | 1.222697 | 9.815007 | .0435798 | -.009016 | .1454612 | .0868616 | .1170837 |
| #2 | 1.227167 | 9.733062 | .0443460 | -.008428 | .1703535 | .0830355 | .1160234 |
| #3 | 1.227821 | 9.641992 | .0447381 | -.007997 | .4037729 | .0836147 | .1174820 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.631816 | 1.056640 | .0334522 | -.000901 | .1590220 | .9397004 | .0035330 |
| Stddev | .090301 | .000514 | .0007316 | .000095 | .0092234 | .0023650 | .0023816 |
| %RSD | 1.603401 | .0486330 | 2.186944 | 10.55827 | 5.800098 | .2516750 | 67.40801 |
| #1 | 5.699343 | 1.057176 | .0334187 | -.000873 | .1519559 | .9378916 | .0010767 |
| #2 | 5.529246 | 1.056152 | .0327379 | -.000823 | .1556540 | .9388330 | .0036905 |
| #3 | 5.666859 | 1.056592 | .0341999 | -.001007 | .1694560 | .9423766 | .0058320 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-12LDLX10 Acquired: 10/31/2024 0:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C1L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5098728 | .0120593 | .0367773 |
| Stddev | .0022838 | .0001306 | .0002461 |
| %RSD | .4479104 | 1.082637 | .6690853 |
| | | | |
| #1 | .5108903 | .0119258 | .0370324 |
| #2 | .5114710 | .0121867 | .0367582 |
| #3 | .5072572 | .0120654 | .0365414 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 995.4857 | 23683.66 | 2720.695 | 863.0121 | 1842.691 |
| Stddev | .8506 | 55.22 | 10.292 | 5.5376 | 3.387 |
| %RSD | .0854459 | .2331450 | .3782979 | .6416613 | .1838284 |
| | | | | | |
| #1 | 996.3357 | 23698.96 | 2719.218 | 858.6393 | 1839.181 |
| #2 | 994.6345 | 23729.61 | 2731.646 | 869.2388 | 1842.952 |
| #3 | 995.4868 | 23622.40 | 2711.221 | 861.1583 | 1845.941 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-15DLX2 Acquired: 10/31/2024 0:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3127193 | -.027703 | .1690443 | -.000573 | .0049336 | 93.08203 | 1.056877 |
| Stddev | .0082173 | .003115 | .0050439 | .004714 | .0016695 | .22870 | .003154 |
| %RSD | 2.627682 | 11.24455 | 2.983757 | 822.3626 | 33.83832 | .2456965 | .2984271 |
| #1 | .3084798 | -.029973 | .1736953 | .004288 | .0068243 | 93.19285 | 1.056160 |
| #2 | .3221905 | -.024152 | .1636829 | -.005124 | .0043137 | 92.81903 | 1.054144 |
| #3 | .3074877 | -.028985 | .1697547 | -.000883 | .0036628 | 93.23420 | 1.060328 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0053692 | .0081304 | 33.48492 | .2285388 | .1188854 | .5444445 | 203.1160 |
| Stddev | .0000989 | .0001461 | .18622 | .0005243 | .0006000 | .0018331 | .6918 |
| %RSD | 1.841220 | 1.796562 | .5561192 | .2294231 | .5046680 | .3366865 | .3405718 |
| #1 | .0054757 | .0079805 | 33.64263 | .2290341 | .1185276 | .5425620 | 203.0296 |
| #2 | .0052804 | .0081384 | 33.27949 | .2285927 | .1185504 | .5462238 | 202.4715 |
| #3 | .0053514 | .0082723 | 33.53264 | .2279896 | .1195780 | .5445477 | 203.8469 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.698553 | 45.31349 | .2279954 | -.021185 | 1.147894 | .4096038 | .4961171 |
| Stddev | .010019 | .09818 | .0005796 | .000226 | .035891 | .0101513 | .0028029 |
| %RSD | .1758184 | .2166621 | .2541978 | 1.068039 | 3.126640 | 2.478309 | .5649634 |
| #1 | 5.710048 | 45.31499 | .2275640 | -.021036 | 1.110269 | .4071357 | .4948419 |
| #2 | 5.693937 | 45.41092 | .2286542 | -.021073 | 1.181753 | .4009142 | .4993308 |
| #3 | 5.691674 | 45.21458 | .2277681 | -.021445 | 1.151662 | .4207615 | .4941786 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.23069 | 5.152245 | .1825199 | .0003545 | .9566291 | 3.261013 | .0067890 |
| Stddev | .07631 | .015526 | .0019313 | .0001161 | .0076541 | .004779 | .0019626 |
| %RSD | .3284999 | .3013367 | 1.058136 | 32.73233 | .8001116 | .1465568 | 28.90940 |
| #1 | 23.27258 | 5.164526 | .1847152 | .0004884 | .9594931 | 3.255687 | .0045360 |
| #2 | 23.27688 | 5.134794 | .1817619 | .0002828 | .9479560 | 3.262425 | .0077032 |
| #3 | 23.14261 | 5.157416 | .1810825 | .0002924 | .9624381 | 3.264927 | .0081277 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-15DLX2 Acquired: 10/31/2024 0:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.223496 | .0682439 | .2023323 |
| Stddev | .007201 | .0018250 | .0003455 |
| %RSD | .3238561 | 2.674198 | .1707719 |
| | | | |
| #1 | 2.227525 | .0697535 | .2019980 |
| #2 | 2.215183 | .0662158 | .2023109 |
| #3 | 2.227781 | .0687624 | .2026880 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1029.187 | 24699.97 | 2884.718 | 889.7174 | 1753.918 |
| Stddev | .712 | 19.21 | 4.008 | 2.9320 | 3.770 |
| %RSD | .0691889 | .0777831 | .1389498 | .3295376 | .2149259 |
| | | | | | |
| #1 | 1030.004 | 24721.80 | 2884.450 | 891.7531 | 1756.798 |
| #2 | 1028.699 | 24685.62 | 2888.854 | 886.3568 | 1755.305 |
| #3 | 1028.857 | 24692.50 | 2880.851 | 891.0423 | 1749.651 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-16DLX2 Acquired: 10/31/2024 0:13:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1243193 | -.017832 | .1415656 | .0022356 | .0073108 | 71.75832 | .8255662 |
| Stddev | .0058701 | .003651 | .0010931 | .0053133 | .0015201 | .20997 | .0020354 |
| %RSD | 4.721819 | 20.47314 | .7721455 | 237.6747 | 20.79219 | .2926133 | .2465524 |
| #1 | .1309163 | -.017291 | .1410054 | .0081891 | .0058108 | 71.52001 | .8237238 |
| #2 | .1196724 | -.021723 | .1408662 | .0005426 | .0088501 | 71.91612 | .8277512 |
| #3 | .1223692 | -.014482 | .1428253 | -.002025 | .0072715 | 71.83885 | .8252236 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045107 | .0072661 | 45.34139 | .1675707 | .0938969 | .4346974 | 167.4844 |
| Stddev | .0001263 | .0002477 | .20403 | .0004319 | .0007985 | .0064468 | .7307 |
| %RSD | 2.799760 | 3.408399 | .4499808 | .2577233 | .8504070 | 1.483046 | .4362739 |
| #1 | .0043787 | .0075453 | 45.10698 | .1673590 | .0932980 | .4273381 | 166.7046 |
| #2 | .0046304 | .0071803 | 45.43822 | .1680675 | .0935891 | .4374072 | 167.5954 |
| #3 | .0045229 | .0070728 | 45.47898 | .1672854 | .0948034 | .4393470 | 168.1533 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.402451 | 37.32146 | .1522195 | -.018513 | .9692946 | .3247434 | .5158819 |
| Stddev | .012302 | .21518 | .0017660 | .000584 | .1800084 | .0077291 | .0027984 |
| %RSD | .2794284 | .5765611 | 1.160157 | 3.152249 | 18.57107 | 2.380050 | .5424435 |
| #1 | 4.394031 | 37.08054 | .1502584 | -.017852 | 1.154483 | .3166450 | .5126633 |
| #2 | 4.416569 | 37.38927 | .1536840 | -.018958 | .958444 | .3320406 | .5172431 |
| #3 | 4.396754 | 37.49457 | .1527161 | -.018727 | .794957 | .3255446 | .5177392 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.40256 | 7.425090 | .1712866 | .0011718 | 2.067705 | 3.494223 | .0057362 |
| Stddev | .15030 | .053717 | .0017800 | .0005634 | .010607 | .022791 | .0008495 |
| %RSD | .6159031 | .7234550 | 1.039196 | 48.07996 | .5129924 | .6522441 | 14.80958 |
| #1 | 24.30536 | 7.365959 | .1720015 | .0005661 | 2.056123 | 3.469249 | .0066758 |
| #2 | 24.32664 | 7.438435 | .1692603 | .0016802 | 2.076946 | 3.513895 | .0055103 |
| #3 | 24.57567 | 7.470877 | .1725980 | .0012692 | 2.070047 | 3.499527 | .0050224 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-16DLX2 Acquired: 10/31/2024 0:13:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.885930 | .0500239 | .2413036 |
| Stddev | .002634 | .0009809 | .0008849 |
| %RSD | .1396812 | 1.960863 | .3667063 |
| | | | |
| #1 | 1.886784 | .0489858 | .2404353 |
| #2 | 1.888031 | .0501506 | .2422041 |
| #3 | 1.882974 | .0509353 | .2412713 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1018.960 | 24457.92 | 2858.332 | 880.9041 | 1764.363 |
| Stddev | 2.296 | 38.21 | 11.614 | 3.1098 | 6.095 |
| %RSD | .2252866 | .1562457 | .4063181 | .3530284 | .3454263 |
| | | | | | |
| #1 | 1021.152 | 24427.26 | 2871.042 | 884.3425 | 1771.197 |
| #2 | 1016.574 | 24500.73 | 2848.271 | 880.0817 | 1762.399 |
| #3 | 1019.153 | 24445.75 | 2855.684 | 878.2882 | 1759.492 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-17DLX2 Acquired: 10/31/2024 0:18:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1621762 | -.021876 | .1328920 | .0078262 | .0052031 | 73.61240 | .8644897 |
| Stddev | .0042511 | .001580 | .0007342 | .0065621 | .0011657 | .14909 | .0027687 |
| %RSD | 2.621300 | 7.223994 | .5524969 | 83.84782 | 22.40369 | .2025347 | .3202724 |
| #1 | .1621910 | -.021124 | .1326105 | .0052426 | .0049034 | 73.44195 | .8614975 |
| #2 | .1664198 | -.023692 | .1337253 | .0029492 | .0064894 | 73.71857 | .8669610 |
| #3 | .1579176 | -.020812 | .1323402 | .0152869 | .0042165 | 73.67668 | .8650105 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0043873 | .0059249 | 32.37110 | .1664664 | .0935007 | .3719647 | 162.5484 |
| Stddev | .0004269 | .0001276 | .06376 | .0011924 | .0004948 | .0076945 | .2980 |
| %RSD | 9.730694 | 2.152951 | .1969590 | .7162833 | .5291615 | 2.068615 | .1833552 |
| #1 | .0047845 | .0057814 | 32.42846 | .1667845 | .0938850 | .3750705 | 162.5194 |
| #2 | .0044416 | .0059681 | 32.30245 | .1674674 | .0936747 | .3776209 | 162.8599 |
| #3 | .0039359 | .0060253 | 32.38239 | .1651472 | .0929424 | .3632027 | 162.2660 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.153030 | 37.09616 | .1552381 | -.019116 | 1.413997 | .3181985 | .4259112 |
| Stddev | .018228 | .16463 | .0004670 | .000854 | .078945 | .0102217 | .0013337 |
| %RSD | .4389042 | .4437953 | .3008130 | 4.469366 | 5.583087 | 3.212351 | .3131372 |
| #1 | 4.133924 | 36.91424 | .1556327 | -.019297 | 1.325511 | .3082639 | .4247128 |
| #2 | 4.170229 | 37.13934 | .1547226 | -.018185 | 1.477212 | .3286849 | .4273480 |
| #3 | 4.154938 | 37.23490 | .1553591 | -.019864 | 1.439268 | .3176468 | .4256727 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.15020 | 4.734080 | .1560105 | .0014506 | 1.305426 | 4.458233 | .0065560 |
| Stddev | .15570 | .012477 | .0012058 | .0003190 | .008343 | .014413 | .0003576 |
| %RSD | .7029322 | .2635603 | .7728855 | 21.99177 | .6391367 | .3232985 | 5.454867 |
| #1 | 22.13534 | 4.719870 | .1571517 | .0014464 | 1.302106 | 4.458515 | .0063258 |
| #2 | 22.31280 | 4.743244 | .1561306 | .0017717 | 1.314918 | 4.472503 | .0063742 |
| #3 | 22.00246 | 4.739125 | .1547491 | .0011337 | 1.299253 | 4.443680 | .0069679 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-17DLX2 Acquired: 10/31/2024 0:18:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.951773 | .0519290 | .1985780 |
| Stddev | .005632 | .0022300 | .0008424 |
| %RSD | .2885625 | 4.294283 | .4242325 |
| | | | |
| #1 | 1.950488 | .0493663 | .1980731 |
| #2 | 1.957937 | .0534283 | .1995505 |
| #3 | 1.946895 | .0529922 | .1981103 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1019.255 | 24562.70 | 2886.794 | 884.7354 | 1758.703 |
| Stddev | .787 | 35.43 | 6.175 | .3072 | 2.681 |
| %RSD | .0771898 | .1442427 | .2139026 | .0347268 | .1524264 |
| | | | | | |
| #1 | 1019.175 | 24547.57 | 2885.602 | 884.4655 | 1755.612 |
| #2 | 1018.511 | 24537.36 | 2881.302 | 884.6710 | 1760.105 |
| #3 | 1020.078 | 24603.19 | 2893.478 | 885.0698 | 1760.392 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-18DLX2 Acquired: 10/31/2024 0:22:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1242702 | -.022899 | .1304305 | .0002514 | .0059559 | 86.73188 | .9501605 |
| Stddev | .0113795 | .002539 | .0020000 | .0098326 | .0039244 | .28953 | .0026833 |
| %RSD | 9.157085 | 11.08929 | 1.533364 | 3911.889 | 65.89047 | .3338202 | .2824055 |
| #1 | .1368269 | -.025093 | .1324281 | -.010542 | .0014353 | 86.79841 | .9530646 |
| #2 | .1146391 | -.023488 | .1304351 | .008699 | .0079451 | 86.41488 | .9477731 |
| #3 | .1213447 | -.020117 | .1284282 | .002598 | .0084875 | 86.98236 | .9496437 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052552 | .0071074 | 41.91269 | .1855218 | .1073705 | .4318602 | 185.7984 |
| Stddev | .0000650 | .0002224 | .23500 | .0002357 | .0010202 | .0055359 | .8960 |
| %RSD | 1.236791 | 3.129024 | .5606843 | .1270205 | .9501398 | 1.281861 | .4822251 |
| #1 | .0052520 | .0071287 | 41.84769 | .1856571 | .1070977 | .4276770 | 186.0938 |
| #2 | .0053217 | .0073184 | 41.71703 | .1852497 | .1065145 | .4297660 | 184.7920 |
| #3 | .0051918 | .0068752 | 42.17334 | .1856587 | .1084994 | .4381377 | 186.5093 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.769108 | 42.47941 | .1734196 | -.020677 | .9722460 | .3464175 | .5350446 |
| Stddev | .020961 | .33902 | .0017332 | .000377 | .1714125 | .0014156 | .0019298 |
| %RSD | .4395200 | .7980863 | .9994437 | 1.822355 | 17.63057 | .4086375 | .3606759 |
| #1 | 4.777890 | 42.76077 | .1714277 | -.020772 | 1.168984 | .3453341 | .5372597 |
| #2 | 4.745184 | 42.10301 | .1742463 | -.020262 | .855089 | .3480192 | .5341468 |
| #3 | 4.784250 | 42.57447 | .1745846 | -.020998 | .892666 | .3458991 | .5337274 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 30.53549 | 6.592153 | .1821769 | .0005915 | 1.895443 | 4.907711 | .0057301 |
| Stddev | .17973 | .001708 | .0033908 | .0002153 | .014234 | .024404 | .0010742 |
| %RSD | .5885901 | .0259125 | 1.861241 | 36.39473 | .7509455 | .4972484 | 18.74741 |
| #1 | 30.54395 | 6.593986 | .1849187 | .0008393 | 1.892420 | 4.901123 | .0049924 |
| #2 | 30.35168 | 6.591867 | .1783854 | .0004847 | 1.910946 | 4.887278 | .0052353 |
| #3 | 30.71083 | 6.590606 | .1832265 | .0004506 | 1.882964 | 4.934732 | .0069626 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-18DLX2 Acquired: 10/31/2024 0:22:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.168286 | .0584559 | .2302693 |
| Stddev | .013107 | .0004508 | .0005167 |
| %RSD | .6044672 | .7712324 | .2243919 |
| | | | |
| #1 | 2.170928 | .0582985 | .2306522 |
| #2 | 2.154060 | .0581049 | .2296816 |
| #3 | 2.179871 | .0589644 | .2304741 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1025.500 | 24764.63 | 2899.999 | 891.5970 | 1746.616 |
| Stddev | 2.316 | 51.21 | 13.597 | 3.2916 | 1.660 |
| %RSD | .2258798 | .2067968 | .4688654 | .3691855 | .0950653 |
| | | | | | |
| #1 | 1028.033 | 24731.78 | 2894.295 | 887.9637 | 1748.521 |
| #2 | 1024.975 | 24738.48 | 2915.519 | 892.4471 | 1745.481 |
| #3 | 1023.491 | 24823.64 | 2890.182 | 894.3802 | 1745.844 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-19DLX2 Acquired: 10/31/2024 0:27:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1432081 | -.021105 | .1602545 | .0011038 | .0061581 | 69.54078 | .8520138 |
| Stddev | .0132028 | .002582 | .0046473 | .0027167 | .0030491 | .11444 | .0020787 |
| %RSD | 9.219285 | 12.23485 | 2.899967 | 246.1330 | 49.51339 | .1645691 | .2439713 |
| #1 | .1330473 | -.021547 | .1607484 | .0000326 | .0030285 | 69.67280 | .8523421 |
| #2 | .1384456 | -.023437 | .1553800 | .0041928 | .0063260 | 69.46991 | .8497904 |
| #3 | .1581313 | -.018330 | .1646352 | -.000914 | .0091196 | 69.47961 | .8539087 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0044830 | .0071073 | 19.88139 | .1624444 | .0898317 | .5175610 | 167.8335 |
| Stddev | .0002455 | .0000563 | .13089 | .0007442 | .0005801 | .0039387 | .9681 |
| %RSD | 5.475434 | .7920026 | .6583403 | .4581155 | .6458108 | .7610145 | .5767941 |
| #1 | .0045768 | .0070424 | 19.95509 | .1615862 | .0897579 | .5220668 | 168.8681 |
| #2 | .0042044 | .0071428 | 19.95882 | .1628359 | .0904452 | .5147724 | 167.6827 |
| #3 | .0046677 | .0071367 | 19.73027 | .1629111 | .0892920 | .5158438 | 166.9497 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.497835 | 33.27959 | .1551424 | -.018713 | .7158934 | .3081943 | .4932271 |
| Stddev | .009478 | .14339 | .0000585 | .000556 | .1138439 | .0044973 | .0037240 |
| %RSD | .2107274 | .4308746 | .0377162 | 2.969662 | 15.90235 | 1.459229 | .7550264 |
| #1 | 4.507433 | 33.42992 | .1551385 | -.019214 | .8014599 | .3131892 | .4909616 |
| #2 | 4.488481 | 33.26453 | .1552028 | -.018809 | .5866856 | .3044668 | .4975251 |
| #3 | 4.497592 | 33.14432 | .1550859 | -.018115 | .7595348 | .3069268 | .4911945 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.23822 | 5.383349 | .1528885 | .0015915 | 1.053351 | 4.249445 | .0082990 |
| Stddev | .18121 | .002703 | .0018437 | .0005008 | .009515 | .026298 | .0013792 |
| %RSD | .7476299 | .0502143 | 1.205897 | 31.46476 | .9032759 | .6188504 | 16.61852 |
| #1 | 24.30172 | 5.381462 | .1539240 | .0011873 | 1.042454 | 4.276724 | .0092305 |
| #2 | 24.03380 | 5.386446 | .1539815 | .0021516 | 1.057588 | 4.247356 | .0089518 |
| #3 | 24.37913 | 5.382140 | .1507598 | .0014355 | 1.060012 | 4.224253 | .0067146 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-19DLX2 Acquired: 10/31/2024 0:27:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.021813 | .0483875 | .1733963 |
| Stddev | .003964 | .0006604 | .0003024 |
| %RSD | .1960570 | 1.364883 | .1744177 |
| | | | |
| #1 | 2.026364 | .0479646 | .1730692 |
| #2 | 2.019961 | .0480494 | .1734542 |
| #3 | 2.019114 | .0491485 | .1736657 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1022.888 | 24527.25 | 2841.297 | 882.0114 | 1775.773 |
| Stddev | 1.369 | 66.10 | 15.362 | 5.6929 | 2.937 |
| %RSD | .1338051 | .2694786 | .5406823 | .6454489 | .1654036 |
| | | | | | |
| #1 | 1023.360 | 24560.90 | 2824.280 | 887.3155 | 1776.208 |
| #2 | 1021.346 | 24569.75 | 2845.466 | 875.9964 | 1772.642 |
| #3 | 1023.959 | 24451.10 | 2854.144 | 882.7222 | 1778.468 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV002 Acquired: 10/31/2024 0:31:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.086353 | 4.764869 | 24.56487 | 4.732758 | 4.786417 | 402.5049 | 10.13714 |
| Stddev | .009073 | .025714 | .03159 | .012682 | .009192 | 1.2301 | .03084 |
| %RSD | .1783769 | .5396567 | .1286074 | .2679555 | .1920400 | .3056005 | .3042195 |
| #1 | 5.078205 | 4.743194 | 24.57238 | 4.746327 | 4.795849 | 403.7625 | 10.17215 |
| #2 | 5.084724 | 4.758134 | 24.53020 | 4.721204 | 4.777486 | 402.4480 | 10.11400 |
| #3 | 5.096130 | 4.793281 | 24.59203 | 4.730744 | 4.785916 | 401.3043 | 10.12527 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5229964 | 2.475024 | 396.4885 | 14.91577 | 2.486232 | 14.76124 | 403.1617 |
| Stddev | .0033191 | .004121 | 1.8186 | .01117 | .003071 | .04305 | 2.1719 |
| %RSD | .6346351 | .1664957 | .4586827 | .0749107 | .1235198 | .2916307 | .5387097 |
| #1 | .5215962 | 2.476105 | 397.7067 | 14.92423 | 2.485749 | 14.80955 | 404.9338 |
| #2 | .5267862 | 2.470470 | 397.3609 | 14.91997 | 2.483432 | 14.74720 | 403.8125 |
| #3 | .5206069 | 2.478496 | 394.3981 | 14.90310 | 2.489516 | 14.72696 | 400.7389 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.65539 | 391.8805 | 2.471361 | 1.262848 | 397.0654 | 2.414101 | 14.38256 |
| Stddev | .02486 | 1.7204 | .004609 | .006872 | 1.4040 | .011510 | .05944 |
| %RSD | .1696445 | .4390102 | .1865129 | .5441769 | .3535955 | .4767769 | .4132670 |
| #1 | 14.67936 | 392.6771 | 2.470223 | 1.255430 | 398.4279 | 2.402424 | 14.44148 |
| #2 | 14.65709 | 393.0583 | 2.467427 | 1.264116 | 397.1448 | 2.425437 | 14.38360 |
| #3 | 14.62973 | 389.9062 | 2.476433 | 1.268997 | 395.6233 | 2.414442 | 14.32261 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 151.4225 | 4.942464 | 4.867239 | 4.704738 | 5.022413 | 4.833088 | 4.953606 |
| Stddev | .4678 | .010146 | .011956 | .003276 | .009116 | .024573 | .012172 |
| %RSD | .3089189 | .2052787 | .2456335 | .0696394 | .1815082 | .5084421 | .2457170 |
| #1 | 151.9426 | 4.937438 | 4.877545 | 4.701454 | 5.021693 | 4.841073 | 4.954117 |
| #2 | 151.2888 | 4.954141 | 4.870039 | 4.708006 | 5.031868 | 4.852676 | 4.941186 |
| #3 | 151.0362 | 4.935812 | 4.854131 | 4.704754 | 5.013678 | 4.805515 | 4.965513 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV002 Acquired: 10/31/2024 0:31:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.896800 | 4.938267 | 5.026714 |
| Stddev | .013700 | .019988 | .010917 |
| %RSD | .2797780 | .4047563 | .2171731 |
| | | | |
| #1 | 4.909430 | 4.956554 | 5.039299 |
| #2 | 4.898735 | 4.941318 | 5.021039 |
| #3 | 4.882236 | 4.916929 | 5.019804 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 794.6371 | 21148.29 | 2534.548 | 655.6141 | 1436.140 |
| Stddev | .6762 | 25.90 | 13.079 | 3.0982 | 2.191 |
| %RSD | .0850928 | .1224719 | .5160359 | .4725618 | .1525860 |
| | | | | | |
| #1 | 795.1059 | 21131.65 | 2524.061 | 652.2183 | 1434.989 |
| #2 | 794.9434 | 21178.14 | 2530.381 | 656.3372 | 1438.667 |
| #3 | 793.8620 | 21135.09 | 2549.204 | 658.2868 | 1434.764 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB002 Acquired: 10/31/2024 0:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004267 | .0043909 | -.000395 | -.002701 | -.003118 | .0121390 | -.001454 |
| Stddev | .004704 | .0013357 | .001902 | .005322 | .001199 | .0099365 | .000968 |
| %RSD | 110.2311 | 30.41990 | 482.0519 | 197.0807 | 38.44589 | 81.85583 | 66.56774 |
| | | | | | | | |
| #1 | -.009626 | .0057878 | -.002090 | .001595 | -.002385 | .0198133 | -.001574 |
| #2 | -.002356 | .0031263 | -.000756 | -.008655 | -.002468 | .0009152 | -.002355 |
| #3 | -.000820 | .0042585 | .001662 | -.001042 | -.004501 | .0156887 | -.000431 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001025 | .0001366 | .0328117 | -.000631 | .0003081 | .0010748 | .0481482 |
| Stddev | .0002274 | .0001218 | .0362171 | .000570 | .0007236 | .0030940 | .0135481 |
| %RSD | 221.9566 | 89.20972 | 110.3786 | 90.38262 | 234.8548 | 287.8668 | 28.13841 |
| | | | | | | | |
| #1 | .0001025 | .0000365 | .0667731 | .000027 | -.000475 | -.000005 | .0625632 |
| #2 | .0003299 | .0001010 | -.005303 | -.000942 | .000448 | -.001335 | .0462045 |
| #3 | -.000125 | .0002722 | .036965 | -.000977 | .000952 | .004564 | .0356769 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009476 | -.003319 | -.000414 | -.004596 | .0555914 | .0012231 | .0001313 |
| Stddev | .0015717 | .080478 | .000258 | .000441 | .0531657 | .0098760 | .0000880 |
| %RSD | 165.8660 | 2424.580 | 62.46183 | 9.595938 | 95.63660 | 807.4807 | 67.03004 |
| | | | | | | | |
| #1 | -.000860 | -.090494 | -.000334 | -.004490 | -.005757 | -.003686 | .0000595 |
| #2 | .001991 | .068146 | -.000205 | -.005081 | .088229 | .012592 | .0002295 |
| #3 | .001711 | .012390 | -.000702 | -.004218 | .084302 | -.005236 | .0001048 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0733717 | -.003677 | .0009301 | .0001190 | -.001362 | .0004124 | .0005861 |
| Stddev | .1149953 | .003557 | .0005837 | .0002592 | .002007 | .0000734 | .0000546 |
| %RSD | 156.7298 | 96.75000 | 62.75848 | 217.8819 | 147.3276 | 17.80755 | 9.322692 |
| | | | | | | | |
| #1 | .1256217 | -.007581 | .0015806 | -.000176 | .000129 | .0003293 | .0006490 |
| #2 | .1529650 | -.002828 | .0007579 | .000223 | -.000572 | .0004685 | .0005596 |
| #3 | -.058472 | -.000620 | .0004519 | .000310 | -.003644 | .0004394 | .0005498 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB002 Acquired: 10/31/2024 0:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0017042 | .0012702 | -.000075 |
| Stddev | .0007479 | .0013680 | .000125 |
| %RSD | 43.88824 | 107.7011 | 167.0133 |
| | | | |
| #1 | .0025422 | .0026138 | .000016 |
| #2 | .0014659 | .0013177 | -.000023 |
| #3 | .0011044 | -.000121 | -.000217 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 980.9052 | 23152.63 | 2652.286 | 844.7210 | 1888.538 |
| Stddev | 1.0429 | 69.09 | 5.775 | 4.6118 | .831 |
| %RSD | .1063252 | .2984058 | .2177350 | .5459515 | .0439972 |
| | | | | | |
| #1 | 980.0965 | 23106.59 | 2658.293 | 839.9351 | 1889.400 |
| #2 | 982.0824 | 23232.07 | 2646.775 | 845.0919 | 1888.473 |
| #3 | 980.5369 | 23119.23 | 2651.789 | 849.1362 | 1887.742 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-20DLX2 Acquired: 10/31/2024 0:40:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1191015 | -.022402 | .1114679 | -.002178 | .0059524 | 70.03499 | .9739454 |
| Stddev | .0070087 | .004233 | .0047050 | .006429 | .0011064 | .14324 | .0015814 |
| %RSD | 5.884646 | 18.89615 | 4.220989 | 295.1434 | 18.58741 | .2045239 | .1623704 |
| #1 | .1258177 | -.023403 | .1077792 | -.004914 | .0072214 | 69.91011 | .9729114 |
| #2 | .1196539 | -.026045 | .1098578 | .005166 | .0054461 | 70.19135 | .9757658 |
| #3 | .1118330 | -.017758 | .1167666 | -.006788 | .0051898 | 70.00352 | .9731589 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045166 | .0059103 | 46.00491 | .1580906 | .1033756 | .3331165 | 168.7588 |
| Stddev | .0001064 | .0001042 | .11477 | .0010853 | .0010964 | .0021881 | .4223 |
| %RSD | 2.355027 | 1.763040 | .2494664 | .6864925 | 1.060570 | .6568654 | .2502678 |
| #1 | .0044118 | .0058182 | 45.92119 | .1591676 | .1023276 | .3317125 | 168.3171 |
| #2 | .0046245 | .0060234 | 46.13573 | .1569972 | .1032846 | .3356377 | 169.1586 |
| #3 | .0045136 | .0058893 | 45.95782 | .1581069 | .1045146 | .3319993 | 168.8008 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.125108 | 39.91566 | .1476061 | -.018550 | 1.119441 | .3442322 | .4260780 |
| Stddev | .005445 | .16114 | .0008232 | .000515 | .346670 | .0138225 | .0012730 |
| %RSD | .1062488 | .4037120 | .5577183 | 2.775924 | 30.96815 | 4.015452 | .2987792 |
| #1 | 5.118830 | 39.73111 | .1483012 | -.018327 | 1.252232 | .3402789 | .4257901 |
| #2 | 5.127946 | 39.98734 | .1478201 | -.019139 | .726005 | .3596006 | .4249737 |
| #3 | 5.128549 | 40.02852 | .1466970 | -.018184 | 1.380085 | .3328171 | .4274704 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.90695 | 5.268669 | .1582902 | .0010509 | .9086261 | 4.482855 | .0068587 |
| Stddev | .05501 | .020953 | .0023031 | .0000146 | .0059782 | .009391 | .0004680 |
| %RSD | .2510927 | .3976889 | 1.454953 | 1.390479 | .6579368 | .2094772 | 6.824122 |
| #1 | 21.96925 | 5.281575 | .1557909 | .0010613 | .9034189 | 4.486727 | .0073917 |
| #2 | 21.88649 | 5.244493 | .1603266 | .0010342 | .9073051 | 4.489691 | .0066692 |
| #3 | 21.86510 | 5.279939 | .1587532 | .0010572 | .9151543 | 4.472148 | .0065151 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-20DLX2 Acquired: 10/31/2024 0:40:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.121674 | .0477959 | .2131764 |
| Stddev | .005877 | .0002052 | .0004008 |
| %RSD | .2770032 | .4293663 | .1879880 |
| | | | |
| #1 | 2.115768 | .0477583 | .2131734 |
| #2 | 2.121732 | .0480174 | .2135787 |
| #3 | 2.127521 | .0476121 | .2127772 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1016.368 | 24508.14 | 2859.842 | 882.8930 | 1748.030 |
| Stddev | 2.131 | 29.93 | .931 | 2.7660 | 3.912 |
| %RSD | .2096716 | .1221045 | .0325653 | .3132827 | .2237779 |
| | | | | | |
| #1 | 1017.616 | 24521.66 | 2859.794 | 884.7208 | 1750.206 |
| #2 | 1017.581 | 24528.91 | 2858.936 | 884.2473 | 1750.369 |
| #3 | 1013.908 | 24473.83 | 2860.797 | 879.7109 | 1743.514 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-21DLX2 Acquired: 10/31/2024 0:44:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1357391 | -.019988 | .1266020 | .0027963 | .0023744 | 75.84805 | .8543248 |
| Stddev | .0058066 | .002506 | .0025614 | .0022862 | .0031888 | .12058 | .0020597 |
| %RSD | 4.277737 | 12.53927 | 2.023172 | 81.75827 | 134.3017 | .1589811 | .2410935 |
| #1 | .1348108 | -.020177 | .1246023 | .0050604 | .0037821 | 75.76611 | .8540195 |
| #2 | .1304526 | -.017393 | .1257148 | .0028397 | -.001276 | 75.98652 | .8565202 |
| #3 | .1419539 | -.022395 | .1294891 | .0004887 | .004617 | 75.79154 | .8524348 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046116 | .0062020 | 42.25587 | .1709040 | .0958151 | .3651799 | 176.5321 |
| Stddev | .0001800 | .0001483 | .12963 | .0007863 | .0003620 | .0017698 | .7365 |
| %RSD | 3.902818 | 2.390471 | .3067629 | .4601041 | .3778054 | .4846446 | .4172227 |
| #1 | .0046150 | .0060332 | 42.32067 | .1717297 | .0954958 | .3633852 | 176.3397 |
| #2 | .0047898 | .0063108 | 42.34032 | .1708181 | .0957410 | .3669237 | 177.3457 |
| #3 | .0044299 | .0062622 | 42.10662 | .1701641 | .0962084 | .3652309 | 175.9108 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.877099 | 36.32273 | .1479711 | -.018907 | 1.376125 | .3499652 | .5291145 |
| Stddev | .012777 | .07410 | .0012922 | .000280 | .169190 | .0042169 | .0024873 |
| %RSD | .3295626 | .2040122 | .8733091 | 1.483278 | 12.29466 | 1.204950 | .4700939 |
| #1 | 3.884897 | 36.25303 | .1465000 | -.018583 | 1.215441 | .3454135 | .5283535 |
| #2 | 3.884047 | 36.40056 | .1484899 | -.019073 | 1.552700 | .3537389 | .5270966 |
| #3 | 3.862353 | 36.31460 | .1489233 | -.019064 | 1.360234 | .3507431 | .5318934 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.21528 | 5.281021 | .1650981 | .0018752 | 4.657448 | 3.412115 | .0057275 |
| Stddev | .15322 | .020559 | .0019423 | .0002047 | .015988 | .007988 | .0002964 |
| %RSD | .7222090 | .3892936 | 1.176457 | 10.91870 | .3432829 | .2341177 | 5.174453 |
| #1 | 21.32797 | 5.268861 | .1640684 | .0017204 | 4.675596 | 3.420914 | .0058179 |
| #2 | 21.27705 | 5.269443 | .1673385 | .0017979 | 4.651310 | 3.405318 | .0059682 |
| #3 | 21.04082 | 5.304757 | .1638874 | .0021074 | 4.645439 | 3.410115 | .0053965 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-21DLX2 Acquired: 10/31/2024 0:44:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.998998 | .0503854 | .2071994 |
| Stddev | .005823 | .0009832 | .0005578 |
| %RSD | .2912774 | 1.951291 | .2692026 |
| | | | |
| #1 | 1.995701 | .0492680 | .2066510 |
| #2 | 2.005721 | .0511178 | .2077661 |
| #3 | 1.995573 | .0507705 | .2071812 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1023.145 | 24588.47 | 2879.776 | 888.7713 | 1755.329 |
| Stddev | .484 | 65.59 | 9.664 | .8218 | 2.614 |
| %RSD | .0473268 | .2667370 | .3355697 | .0924689 | .1489336 |
| | | | | | |
| #1 | 1022.986 | 24532.64 | 2868.645 | 888.4892 | 1753.878 |
| #2 | 1023.689 | 24572.07 | 2886.029 | 889.6971 | 1758.347 |
| #3 | 1022.760 | 24660.70 | 2884.653 | 888.1277 | 1753.763 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-22DLX2 Acquired: 10/31/2024 0:49:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3461121 | -.025793 | .1337592 | .0005555 | .0060801 | 76.12526 | .8694774 |
| Stddev | .0069255 | .003710 | .0052094 | .0064392 | .0015892 | .05292 | .0004477 |
| %RSD | 2.000957 | 14.38209 | 3.894639 | 1159.111 | 26.13817 | .0695232 | .0514913 |
| #1 | .3381579 | -.021546 | .1277988 | -.006699 | .0078823 | 76.06585 | .8693236 |
| #2 | .3508045 | -.028402 | .1374421 | .002771 | .0054783 | 76.16738 | .8699818 |
| #3 | .3493739 | -.027430 | .1360367 | .005594 | .0048796 | 76.14256 | .8691270 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0049479 | .0070030 | 19.89541 | .1928018 | .1020156 | .4239677 | 196.6495 |
| Stddev | .0002176 | .0000571 | .05458 | .0009734 | .0005831 | .0028778 | .3039 |
| %RSD | 4.397252 | .8157844 | .2743240 | .5048782 | .5716185 | .6787826 | .1545468 |
| #1 | .0050783 | .0070684 | 19.92144 | .1925147 | .1021768 | .4240965 | 196.5977 |
| #2 | .0050686 | .0069783 | 19.83269 | .1920042 | .1013688 | .4210277 | 196.3748 |
| #3 | .0046967 | .0069625 | 19.93210 | .1938864 | .1025012 | .4267790 | 196.9760 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.431206 | 36.90880 | .1762723 | -.021218 | 1.400966 | .3716903 | .4860554 |
| Stddev | .010777 | .08496 | .0007718 | .000341 | .323535 | .0056777 | .0003770 |
| %RSD | .2432159 | .2301774 | .4378523 | 1.605472 | 23.09371 | 1.527546 | .0775738 |
| #1 | 4.425312 | 36.84689 | .1762338 | -.020839 | 1.192521 | .3651363 | .4860326 |
| #2 | 4.443645 | 36.87385 | .1755204 | -.021320 | 1.773681 | .3748218 | .4856902 |
| #3 | 4.424660 | 37.00566 | .1770626 | -.021497 | 1.236697 | .3751126 | .4864433 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.55772 | 5.605695 | .1773671 | .0032999 | 1.271694 | 3.016054 | .0069796 |
| Stddev | .01838 | .002069 | .0011946 | .0004969 | .009813 | .009332 | .0010340 |
| %RSD | .0748269 | .0369118 | .6734917 | 15.05760 | .7716152 | .3094177 | 14.81440 |
| #1 | 24.53891 | 5.607575 | .1782859 | .0038167 | 1.276453 | 3.026055 | .0076258 |
| #2 | 24.57563 | 5.603478 | .1760168 | .0032575 | 1.260409 | 3.007579 | .0057870 |
| #3 | 24.55862 | 5.606033 | .1777988 | .0028256 | 1.278219 | 3.014528 | .0075259 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4481-22DLX2 Acquired: 10/31/2024 0:49:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4C9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.165399 | .0584444 | .1889738 |
| Stddev | .004963 | .0010295 | .0002649 |
| %RSD | .2291933 | 1.761573 | .1401778 |
| | | | |
| #1 | 2.163862 | .0585560 | .1886790 |
| #2 | 2.161386 | .0573637 | .1890504 |
| #3 | 2.170948 | .0594136 | .1891919 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1012.915 | 24416.73 | 2827.365 | 880.5082 | 1756.406 |
| Stddev | 4.212 | 23.62 | 9.259 | 3.0618 | .746 |
| %RSD | .4158374 | .0967421 | .3274955 | .3477352 | .0424998 |
| | | | | | |
| #1 | 1008.057 | 24392.06 | 2818.208 | 878.2474 | 1755.881 |
| #2 | 1015.130 | 24439.14 | 2836.724 | 883.9926 | 1756.077 |
| #3 | 1015.557 | 24419.01 | 2827.163 | 879.2846 | 1757.260 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BL Acquired: 10/31/2024 0:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS431 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004527 | -.001029 | -.000771 | .0024216 | -.001158 | -.005736 | -.003013 |
| Stddev | .004420 | .001474 | .001273 | .0061061 | .002251 | .008255 | .000997 |
| %RSD | 97.62783 | 143.2721 | 165.1892 | 252.1501 | 194.4001 | 143.9140 | 33.09409 |
| #1 | -.008420 | -.000325 | -.000947 | .0060138 | .000253 | .003775 | -.004110 |
| #2 | -.005438 | -.000038 | -.001947 | .0058797 | -.003754 | -.009944 | -.002769 |
| #3 | .000277 | -.002723 | .000581 | -.004629 | .000027 | -.011040 | -.002161 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000129 | .0000411 | .0120425 | -.000181 | .0003596 | .0011287 | .0089152 |
| Stddev | .000093 | .0001260 | .0139603 | .000426 | .0003755 | .0035761 | .0212700 |
| %RSD | 72.25527 | 306.4137 | 115.9258 | 235.0277 | 104.4158 | 316.8288 | 238.5810 |
| #1 | -.000087 | -.000069 | .0229542 | -.000599 | .0001906 | -.002800 | .0093641 |
| #2 | -.000235 | .000014 | -.003689 | -.000198 | .0000984 | .001992 | -.012576 |
| #3 | -.000064 | .000178 | .016862 | .000253 | .0007900 | .004194 | .029957 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0014261 | -.084537 | -.000283 | -.003540 | .3177188 | .0009805 | -.001088 |
| Stddev | .0015288 | .058934 | .000486 | .000523 | .3619979 | .0043578 | .000406 |
| %RSD | 107.2007 | 69.71393 | 172.1544 | 14.77742 | 113.9366 | 444.4655 | 37.29695 |
| #1 | .0016512 | -.120082 | -.000425 | -.004142 | -.092639 | .0052032 | -.001536 |
| #2 | -.000203 | -.117020 | .000259 | -.003205 | .591799 | -.003501 | -.000746 |
| #3 | .002830 | -.016509 | -.000682 | -.003271 | .453997 | .001239 | -.000982 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.104266 | -.001540 | -.005518 | .0001433 | -.002042 | .0004385 | .0019712 |
| Stddev | .187178 | .002841 | .000605 | .0004768 | .005422 | .0004108 | .0016519 |
| %RSD | 179.5194 | 184.4398 | 10.95930 | 332.8501 | 265.5073 | 93.67491 | 83.80127 |
| #1 | -.018345 | -.004206 | -.005913 | .0001307 | .003078 | .0009089 | .0028613 |
| #2 | -.318979 | -.001863 | -.005819 | -.000327 | -.007724 | .0002566 | .0000651 |
| #3 | .024526 | .001448 | -.004822 | .000626 | -.001481 | .0001501 | .0029873 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BL Acquired: 10/31/2024 0:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS431 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0019529 | -.002094 | -.000214 |
| Stddev | .0022292 | .001097 | .000091 |
| %RSD | 114.1467 | 52.38945 | 42.61484 |
| | | | |
| #1 | .0044916 | -.002407 | -.000318 |
| #2 | .0003149 | -.000875 | -.000149 |
| #3 | .0010524 | -.003001 | -.000174 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 976.0697 | 23063.70 | 2647.923 | 839.5789 | 1883.569 |
| Stddev | 1.3198 | 53.21 | 12.472 | 5.9722 | 2.457 |
| %RSD | .1352193 | .2307257 | .4710056 | .7113300 | .1304589 |
| | | | | | |
| #1 | 974.6300 | 23113.55 | 2662.314 | 844.8801 | 1883.307 |
| #2 | 976.3565 | 23007.67 | 2640.271 | 833.1087 | 1886.147 |
| #3 | 977.2226 | 23069.87 | 2641.182 | 840.7480 | 1881.253 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BS Acquired: 10/31/2024 0:58:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS431 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0216639 | .0547591 | .0224833 | .0668837 | .1144651 | .3894456 |
| Stddev | .0011014 | .0004341 | .0026022 | .0038255 | .0027695 | .0108764 |
| %RSD | 5.083945 | .7927943 | 11.57392 | 5.719559 | 2.419502 | 2.792801 |
| #1 | .0209372 | .0552543 | .0248993 | .0655220 | .1112672 | .3773449 |
| #2 | .0229311 | .0545792 | .0228225 | .0712037 | .1160546 | .3925844 |
| #3 | .0211234 | .0544439 | .0197282 | .0639254 | .1160735 | .3984075 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4318999 | .0117943 | .0108765 | 10.98522 | .0221123 | .1036492 |
| Stddev | .0016786 | .0001091 | .0001326 | .03006 | .0007841 | .0005264 |
| %RSD | .3886580 | .9246984 | 1.219366 | .2736400 | 3.546191 | .5078563 |
| #1 | .4303956 | .0117108 | .0109258 | 11.01991 | .0223517 | .1032403 |
| #2 | .4315936 | .0117544 | .0109774 | 10.96890 | .0212363 | .1034643 |
| #3 | .4337106 | .0119177 | .0107263 | 10.96685 | .0227488 | .1042431 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0514047 | .2190569 | .0341816 | 10.91236 | .0868702 | .0179774 |
| Stddev | .0037950 | .0360875 | .0013342 | .14625 | .0003162 | .0006804 |
| %RSD | 7.382524 | 16.47405 | 3.903115 | 1.340245 | .3640227 | 3.784723 |
| #1 | .0479299 | .1817013 | .0353896 | 10.88088 | .0865072 | .0172594 |
| #2 | .0508299 | .2537263 | .0344057 | 11.07179 | .0870179 | .0186127 |
| #3 | .0554543 | .2217432 | .0327496 | 10.78441 | .0870855 | .0180602 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.41280 | .1079533 | .1172221 | 10.08279 | .0159220 | F -.003940 |
| Stddev | .17383 | .0016952 | .0014095 | .12479 | .0038766 | .001070 |
| %RSD | 1.669356 | 1.570308 | 1.202401 | 1.237641 | 24.34723 | 27.16483 |
| #1 | 10.22455 | .1061654 | .1163718 | 10.11929 | .0179589 | -.005165 |
| #2 | 10.56722 | .1095374 | .1188491 | 9.94382 | .0183556 | -.003186 |
| #3 | 10.44663 | .1081570 | .1164454 | 10.18526 | .0114516 | -.003468 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BS Acquired: 10/31/2024 0:58:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS431 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .0199714 | .1791210 | F .4583046 | .0151260 | .2097734 | .0287344 |
| Stddev | .0001638 | .0078448 | .0015444 | .0020592 | .0026689 | .0010612 |
| %RSD | .8202941 | 4.379615 | .3369927 | 13.61353 | 1.272280 | 3.693273 |
| #1 | .0201448 | .1814540 | .4590057 | .0170896 | .2091216 | .0292987 |
| #2 | .0198193 | .1703744 | .4593742 | .0153056 | .2074907 | .0275102 |
| #3 | .0199499 | .1855348 | .4565340 | .0129830 | .2127078 | .0293943 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2142343 |
| Stddev | .0005766 |
| %RSD | .2691644 |
| #1 | .2136022 |
| #2 | .2147316 |
| #3 | .2143692 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 973.1628 | 23171.61 | 2652.855 | 843.2284 | 1837.729 |
| Stddev | 2.3723 | 28.42 | 8.768 | 1.0063 | 4.091 |
| %RSD | .2437701 | .1226601 | .3305300 | .1193417 | .2226371 |
| #1 | 975.8185 | 23188.72 | 2653.943 | 842.3111 | 1839.607 |
| #2 | 972.4165 | 23138.80 | 2643.593 | 844.3048 | 1840.543 |
| #3 | 971.2534 | 23187.31 | 2661.028 | 843.0692 | 1833.035 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BSD Acquired: 10/31/2024 1:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD431 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0036744 | .0273902 | .0095211 | .0360877 | .0614976 | .2026327 | .2193706 |
| Stddev | .0007152 | .0013319 | .0013231 | .0040475 | .0024418 | .0047679 | .0003602 |
| %RSD | 19.46347 | 4.862577 | 13.89630 | 11.21563 | 3.970616 | 2.352969 | .1641725 |
| #1 | .0042579 | .0260391 | .0083371 | .0342952 | .0589278 | .2005825 | .2191666 |
| #2 | .0028766 | .0287020 | .0109492 | .0332460 | .0637873 | .2080827 | .2191588 |
| #3 | .0038886 | .0274294 | .0092770 | .0407219 | .0617777 | .1992327 | .2197865 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060894 | .0055207 | 5.734355 | .0111765 | .0528850 | .0242889 | .0806020 |
| Stddev | .0000159 | .0000558 | .013064 | .0001713 | .0003962 | .0009577 | .0430342 |
| %RSD | .2614599 | 1.010033 | .2278160 | 1.532325 | .7491707 | 3.942986 | 53.39099 |
| #1 | .0060779 | .0054573 | 5.724802 | .0111227 | .0531371 | .0253934 | .0970845 |
| #2 | .0060826 | .0055621 | 5.729022 | .0113682 | .0524283 | .0237841 | .0317629 |
| #3 | .0061075 | .0055426 | 5.749242 | .0110385 | .0530897 | .0236892 | .1129586 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0174962 | 5.549341 | .0442336 | .0071546 | 5.133325 | .0582886 | .0666796 |
| Stddev | .0011399 | .042939 | .0004619 | .0003979 | .287290 | .0022897 | .0002716 |
| %RSD | 6.515189 | .7737643 | 1.044335 | 5.561090 | 5.596571 | 3.928260 | .4072747 |
| #1 | .0180900 | 5.504517 | .0441045 | .0075808 | 5.356163 | .0591486 | .0663838 |
| #2 | .0182167 | 5.553399 | .0438499 | .0067930 | 4.809084 | .0600237 | .0667374 |
| #3 | .0161820 | 5.590107 | .0447463 | .0070899 | 5.234727 | .0556933 | .0669177 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.153742 | .0068449 | -.005521 | .0098624 | .0942864 | .2343105 | .0086157 |
| Stddev | .091474 | .0032422 | .001408 | .0000782 | .0045408 | .0004425 | .0009855 |
| %RSD | 1.774901 | 47.36771 | 25.50287 | .7929180 | 4.815924 | .1888465 | 11.43806 |
| #1 | 5.196153 | .0032143 | -.005728 | .0099159 | .0988388 | .2338003 | .0084660 |
| #2 | 5.048761 | .0094515 | -.006814 | .0097726 | .0897573 | .2345889 | .0096674 |
| #3 | 5.216313 | .0078688 | -.004021 | .0098985 | .0942633 | .2345424 | .0077136 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164431BSD Acquired: 10/31/2024 1:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD431 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1069295 | .0121164 | .1098734 |
| Stddev | .0016117 | .0014032 | .0001959 |
| %RSD | 1.507277 | 11.58085 | .1782860 |
| | | | |
| #1 | .1069355 | .0106170 | .1099469 |
| #2 | .1053149 | .0123343 | .1096514 |
| #3 | .1085383 | .0133979 | .1100219 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 974.3407 | 23209.45 | 2662.855 | 846.4708 | 1859.024 |
| Stddev | .8013 | 20.20 | 3.980 | 1.7254 | .390 |
| %RSD | .0822402 | .0870491 | .1494664 | .2038351 | .0209723 |
| | | | | | |
| #1 | 974.6234 | 23189.26 | 2664.146 | 844.4805 | 1859.347 |
| #2 | 973.4364 | 23209.42 | 2658.389 | 847.3887 | 1858.591 |
| #3 | 974.9624 | 23229.67 | 2666.029 | 847.5434 | 1859.133 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-01DLX2 Acquired: 10/31/2024 1:07:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .1493326 | F -.026581 | F .1495127 | -.001261 | .0052902 | F 91.71413 |
| Stddev | .0019884 | .002034 | .0047323 | .003786 | .0030181 | .06302 |
| %RSD | 1.331545 | 7.650773 | 3.165121 | 300.1171 | 57.05141 | .0687133 |
| #1 | .1493283 | -.028617 | .1545789 | -.003273 | .0081638 | 91.64420 |
| #2 | .1513231 | -.024550 | .1487526 | .003106 | .0021458 | 91.76654 |
| #3 | .1473463 | -.026577 | .1452064 | -.003617 | .0055611 | 91.73165 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 1.016779 | F .0054528 | F .0079061 | F 38.01768 | F .1970901 | F .1185905 |
| Stddev | .003890 | .0001077 | .0001385 | .04720 | .0003777 | .0011634 |
| %RSD | .3825861 | 1.975447 | 1.752313 | .1241513 | .1916457 | .9810092 |
| #1 | 1.017822 | .0053964 | .0080090 | 37.98356 | .1967960 | .1177248 |
| #2 | 1.020041 | .0055770 | .0077486 | 37.99794 | .1975160 | .1181337 |
| #3 | 1.012474 | .0053851 | .0079607 | 38.07155 | .1969582 | .1199130 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .5111623 | F 197.0739 | F 5.159326 | F 45.28820 | F .1861756 | F -.021094 |
| Stddev | .0042204 | .2662 | .010042 | .14507 | .0005712 | .000344 |
| %RSD | .8256570 | .1350800 | .1946314 | .3203241 | .3068146 | 1.630630 |
| #1 | .5078697 | 197.3812 | 5.160404 | 45.12294 | .1866163 | -.021314 |
| #2 | .5096972 | 196.9259 | 5.168785 | 45.34714 | .1855302 | -.021270 |
| #3 | .5159201 | 196.9146 | 5.148789 | 45.39453 | .1863802 | -.020697 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.384886 | F .3838469 | F .5651076 | F 30.53412 | F 7.090564 | F .1902453 |
| Stddev | .213153 | .0032592 | .0026604 | .16437 | .009382 | .0019611 |
| %RSD | 15.39141 | .8490839 | .4707769 | .5383055 | .1323195 | 1.030843 |
| #1 | 1.159979 | .3872303 | .5621913 | 30.34651 | 7.098428 | .1905718 |
| #2 | 1.583926 | .3835823 | .5674018 | 30.65281 | 7.093087 | .1881413 |
| #3 | 1.410753 | .3807280 | .5657298 | 30.60303 | 7.080179 | .1920226 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-01DLX2 Acquired: 10/31/2024 1:07:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K0 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0008344 | F .9717089 | F 4.995986 | .0053448 | F 2.350869 | F .0643951 |
| Stddev | .0009393 | .0082119 | .023828 | .0016075 | .002717 | .0014613 |
| %RSD | 112.5655 | .8450988 | .4769529 | 30.07582 | .1155916 | 2.269332 |
| | | | | | | |
| #1 | .0002159 | .9759108 | 5.019866 | .0071827 | 2.350267 | .0654965 |
| #2 | .0003721 | .9622463 | 4.995882 | .0042010 | 2.348502 | .0627373 |
| #3 | .0019153 | .9769695 | 4.972209 | .0046506 | 2.353836 | .0649516 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .3002711 |
| Stddev | .0008051 |
| %RSD | .2681230 |
| | |
| #1 | .3002110 |
| #2 | .3011046 |
| #3 | .2994978 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1032.517 | 24834.83 | 2898.374 | 893.1598 | 1730.398 |
| Stddev | 2.016 | 31.51 | 14.356 | 2.4688 | 2.561 |
| %RSD | .1952161 | .1268660 | .4953040 | .2764108 | .1479754 |
| | | | | | |
| #1 | 1030.230 | 24810.53 | 2887.841 | 895.6834 | 1727.540 |
| #2 | 1033.285 | 24870.43 | 2892.554 | 890.7498 | 1731.174 |
| #3 | 1034.036 | 24823.54 | 2914.725 | 893.0461 | 1732.481 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-02DLX2 Acquired: 10/31/2024 1:11:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0849139 | -.026975 | .1026444 | .0034991 | .0064359 | 68.82944 | .7972924 |
| Stddev | .0032761 | .001476 | .0060852 | .0063382 | .0014351 | .11365 | .0024421 |
| %RSD | 3.858163 | 5.473043 | 5.928439 | 181.1369 | 22.29752 | .1651194 | .3063034 |
| #1 | .0813225 | -.025848 | .1025826 | -.003194 | .0049029 | 68.76001 | .7955223 |
| #2 | .0856803 | -.026430 | .1087603 | .009410 | .0066578 | 68.96060 | .8000785 |
| #3 | .0877388 | -.028646 | .0965903 | .004282 | .0077472 | 68.76772 | .7962764 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047050 | .0057147 | 47.41545 | .1840130 | .1020236 | .2082797 | 193.9251 |
| Stddev | .0001870 | .0000842 | .21511 | .0007214 | .0002614 | .0077062 | .5378 |
| %RSD | 3.974579 | 1.473119 | .4536778 | .3920541 | .2561760 | 3.699930 | .2773025 |
| #1 | .0048141 | .0058085 | 47.48968 | .1846380 | .1017221 | .2112476 | 193.9207 |
| #2 | .0044891 | .0056899 | 47.58362 | .1832236 | .1021851 | .2140606 | 194.4650 |
| #3 | .0048120 | .0056457 | 47.17305 | .1841774 | .1021638 | .1995308 | 193.3895 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.862176 | 35.94786 | .1688175 | -.020022 | 1.184390 | .4707877 | .3348889 |
| Stddev | .001931 | .11364 | .0005246 | .000290 | .139240 | .0095982 | .0014488 |
| %RSD | .0500047 | .3161130 | .3107744 | 1.450412 | 11.75623 | 2.038746 | .4326293 |
| #1 | 3.864234 | 35.84251 | .1694216 | -.020304 | 1.344747 | .4818704 | .3360409 |
| #2 | 3.861892 | 36.06828 | .1684756 | -.019724 | 1.094114 | .4653169 | .3332623 |
| #3 | 3.860402 | 35.93279 | .1685553 | -.020038 | 1.114310 | .4651758 | .3353634 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.13852 | 5.482929 | .1627649 | -.000627 | .4149107 | 3.986230 | .0052536 |
| Stddev | .11150 | .007801 | .0021930 | .000595 | .0097535 | .028023 | .0000620 |
| %RSD | .7365212 | .1422861 | 1.347360 | 94.86393 | 2.350740 | .7029991 | 1.179666 |
| #1 | 15.13095 | 5.491829 | .1603651 | -.001312 | .4246673 | 3.979383 | .0053136 |
| #2 | 15.25361 | 5.477271 | .1646649 | -.000328 | .4051604 | 3.962266 | .0052573 |
| #3 | 15.03099 | 5.479688 | .1632647 | -.000241 | .4149045 | 4.017043 | .0051898 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-02DLX2 Acquired: 10/31/2024 1:11:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.274533 | .0467655 | .1836463 |
| Stddev | .015440 | .0022449 | .0005021 |
| %RSD | .4715206 | 4.800415 | .2733974 |
| | | | |
| #1 | 3.283405 | .0485944 | .1841870 |
| #2 | 3.283490 | .0474421 | .1835571 |
| #3 | 3.256705 | .0442601 | .1831947 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1021.959 | 24609.27 | 2835.261 | 885.3177 | 1749.511 |
| Stddev | .782 | 48.90 | 8.516 | .4799 | 2.700 |
| %RSD | .0765421 | .1987226 | .3003536 | .0542092 | .1543041 |
| | | | | | |
| #1 | 1021.648 | 24665.48 | 2836.716 | 885.6680 | 1746.662 |
| #2 | 1021.380 | 24576.49 | 2842.955 | 885.5145 | 1749.838 |
| #3 | 1022.848 | 24585.83 | 2826.111 | 884.7707 | 1752.032 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-03DLX2 Acquired: 10/31/2024 1:15:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0791338 | -.020368 | .1055673 | -.004849 | .0010051 | 73.19122 | .8002985 |
| Stddev | .0044891 | .000733 | .0016157 | .009761 | .0042191 | .21519 | .0030858 |
| %RSD | 5.672845 | 3.599880 | 1.530494 | 201.2881 | 419.7837 | .2940126 | .3855791 |
| #1 | .0743985 | -.019997 | .1041238 | -.010674 | -.002513 | 73.09439 | .7995445 |
| #2 | .0796752 | -.019894 | .1052656 | .006419 | .005683 | 73.43782 | .8036914 |
| #3 | .0833277 | -.021212 | .1073127 | -.010292 | -.000154 | 73.04146 | .7976596 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041338 | .0052304 | 58.14664 | .1497351 | .0998483 | .2668908 | 161.8221 |
| Stddev | .0001672 | .0002589 | .12625 | .0010136 | .0011886 | .0014445 | .5118 |
| %RSD | 4.045432 | 4.950617 | .2171246 | .6769293 | 1.190382 | .5412438 | .3162665 |
| #1 | .0039673 | .0049892 | 58.14178 | .1508105 | .1001083 | .2654002 | 161.6181 |
| #2 | .0041324 | .0051979 | 58.27525 | .1487974 | .1008854 | .2669878 | 162.4045 |
| #3 | .0043018 | .0055040 | 58.02289 | .1495975 | .0985513 | .2682843 | 161.4438 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.999632 | 38.14466 | .1423528 | -.017537 | 1.603007 | .3211326 | .3672484 |
| Stddev | .013333 | .15477 | .0006886 | .000459 | .190196 | .0032657 | .0014971 |
| %RSD | .2666831 | .4057389 | .4837226 | 2.618324 | 11.86498 | 1.016927 | .4076425 |
| #1 | 4.986570 | 38.28830 | .1430772 | -.017012 | 1.420991 | .3217273 | .3689453 |
| #2 | 4.999107 | 38.16491 | .1422743 | -.017738 | 1.587587 | .3176104 | .3661141 |
| #3 | 5.013220 | 37.98076 | .1417068 | -.017862 | 1.800445 | .3240600 | .3666859 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.37496 | 5.414437 | .1498222 | -.000298 | .8190905 | 6.498443 | .0052988 |
| Stddev | .07972 | .018479 | .0003729 | .000140 | .0053815 | .013771 | .0020946 |
| %RSD | .3410592 | .3412943 | .2488761 | 46.80788 | .6570026 | .2119179 | 39.52921 |
| #1 | 23.30571 | 5.417435 | .1494255 | -.000380 | .8147315 | 6.504337 | .0029101 |
| #2 | 23.35705 | 5.394642 | .1498754 | -.000137 | .8174347 | 6.482706 | .0061650 |
| #3 | 23.46211 | 5.431233 | .1501656 | -.000378 | .8251053 | 6.508287 | .0068214 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-03DLX2 Acquired: 10/31/2024 1:15:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.432081 | .0476753 | .2456301 |
| Stddev | .005814 | .0017426 | .0003990 |
| %RSD | .2390469 | 3.655189 | .1624502 |
| | | | |
| #1 | 2.437094 | .0465155 | .2451882 |
| #2 | 2.433443 | .0468312 | .2457381 |
| #3 | 2.425708 | .0496792 | .2459641 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1023.107 | 24610.13 | 2865.536 | 886.7794 | 1737.711 |
| Stddev | .993 | 57.12 | 5.814 | 1.9506 | .665 |
| %RSD | .0970469 | .2320947 | .2028942 | .2199685 | .0382761 |
| | | | | | |
| #1 | 1022.376 | 24544.68 | 2860.943 | 884.6653 | 1736.957 |
| #2 | 1022.708 | 24649.87 | 2872.073 | 888.5095 | 1738.214 |
| #3 | 1024.238 | 24635.86 | 2863.592 | 887.1635 | 1737.963 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-04DLX2 Acquired: 10/31/2024 1:20:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0824261 | -.019782 | .0917753 | .0029723 | .0037751 | 72.59608 | .7828550 |
| Stddev | .0022085 | .003621 | .0026098 | .0027853 | .0039991 | .21750 | .0027217 |
| %RSD | 2.679334 | 18.30603 | 2.843636 | 93.70678 | 105.9337 | .2995981 | .3476666 |
| #1 | .0808254 | -.018586 | .0900232 | .0056995 | -.000759 | 72.55919 | .7824769 |
| #2 | .0815074 | -.016911 | .0905280 | .0001323 | .006799 | 72.82966 | .7857461 |
| #3 | .0849457 | -.023850 | .0947746 | .0030852 | .005285 | 72.39939 | .7803422 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0042809 | .0054500 | 57.90778 | .1534820 | .0982772 | .2697747 | 161.1531 |
| Stddev | .0002915 | .0002684 | .18766 | .0005505 | .0001097 | .0017263 | .0876 |
| %RSD | 6.810349 | 4.925669 | .3240624 | .3586945 | .1115831 | .6399132 | .0543874 |
| #1 | .0039458 | .0057526 | 57.75117 | .1541093 | .0984014 | .2699821 | 161.0620 |
| #2 | .0044763 | .0052406 | 58.11578 | .1532574 | .0982364 | .2679540 | 161.2369 |
| #3 | .0044206 | .0053568 | 57.85639 | .1530793 | .0981938 | .2713879 | 161.1605 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.754810 | 37.54907 | .1419562 | -.017879 | 1.725409 | .3233284 | .3626833 |
| Stddev | .023824 | .24733 | .0002234 | .000173 | .324339 | .0064919 | .0026096 |
| %RSD | .5010459 | .6586797 | .1573562 | .9696081 | 18.79781 | 2.007820 | .7195246 |
| #1 | 4.738857 | 37.26348 | .1418741 | -.017771 | 1.929869 | .3188397 | .3604410 |
| #2 | 4.782195 | 37.69217 | .1417855 | -.017787 | 1.351439 | .3203735 | .3620612 |
| #3 | 4.743377 | 37.69155 | .1422090 | -.018079 | 1.894920 | .3307721 | .3655477 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.76631 | 5.168625 | .1486559 | -.000385 | .7733922 | 6.329512 | .0030396 |
| Stddev | .27910 | .005204 | .0021103 | .000256 | .0091739 | .012625 | .0007034 |
| %RSD | 1.225927 | .1006754 | 1.419571 | 66.63879 | 1.186184 | .1994561 | 23.14119 |
| #1 | 22.54905 | 5.165928 | .1462415 | -.000396 | .7705890 | 6.314974 | .0038405 |
| #2 | 23.08108 | 5.165324 | .1501479 | -.000635 | .7836406 | 6.337710 | .0025221 |
| #3 | 22.66880 | 5.174624 | .1495784 | -.000123 | .7659470 | 6.335852 | .0027561 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-04DLX2 Acquired: 10/31/2024 1:20:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.435329 | .0470657 | .2357657 |
| Stddev | .008332 | .0014160 | .0002950 |
| %RSD | .3421401 | 3.008492 | .1251186 |
| #1 | 2.433553 | .0469845 | .2356716 |
| #2 | 2.444407 | .0485205 | .2360962 |
| #3 | 2.428029 | .0456920 | .2355292 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1015.684 | 24489.06 | 2850.555 | 880.1133 | 1732.665 |
| Stddev | 1.572 | 37.64 | 5.911 | 4.7479 | 1.968 |
| %RSD | .1547935 | .1536931 | .2073597 | .5394656 | .1135569 |
| #1 | 1013.901 | 24456.96 | 2856.147 | 884.8704 | 1731.664 |
| #2 | 1016.872 | 24479.73 | 2844.370 | 880.0949 | 1734.932 |
| #3 | 1016.278 | 24530.49 | 2851.147 | 875.3746 | 1731.399 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-05DLX2 Acquired: 10/31/2024 1:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1453931 | .0721650 | .1473862 | .1680579 | .1670008 | 74.67756 | 4.660555 |
| Stddev | .0075865 | .0020671 | .0023182 | .0043240 | .0029748 | .47875 | .037905 |
| %RSD | 5.217930 | 2.864453 | 1.572894 | 2.572929 | 1.781340 | .6410916 | .8133170 |
| | | | | | | | |
| #1 | .1415829 | .0735995 | .1447762 | .1673521 | .1635825 | 75.20658 | 4.704323 |
| #2 | .1541295 | .0730998 | .1481762 | .1641302 | .1684166 | 74.55201 | 4.638890 |
| #3 | .1404668 | .0697955 | .1492062 | .1726914 | .1690033 | 74.27410 | 4.638451 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1030901 | .1046585 | 56.90462 | .5442958 | 1.096340 | .7009028 | 160.1268 |
| Stddev | .0003589 | .0004957 | .46204 | .0029402 | .001293 | .0045821 | 1.1115 |
| %RSD | .3481719 | .4736877 | .8119580 | .5401876 | .1179515 | .6537452 | .6941427 |
| | | | | | | | |
| #1 | .1032096 | .1040953 | 57.35577 | .5417896 | 1.094910 | .7051637 | 161.1887 |
| #2 | .1033740 | .1050287 | 56.92570 | .5435655 | 1.097426 | .7014888 | 160.2200 |
| #3 | .1026866 | .1048516 | 56.43241 | .5475324 | 1.096686 | .6960558 | 158.9716 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.794029 | 36.94770 | 1.143350 | .0761556 | 1.198182 | 1.281597 | 1.176445 |
| Stddev | .037513 | .09508 | .001166 | .0003384 | .184811 | .020310 | .002128 |
| %RSD | .6474392 | .2573287 | .1019760 | .4444014 | 15.42428 | 1.584710 | .1808462 |
| | | | | | | | |
| #1 | 5.835859 | 36.98938 | 1.144194 | .0757649 | .989210 | 1.294852 | 1.178847 |
| #2 | 5.782857 | 37.01481 | 1.142019 | .0763425 | 1.340128 | 1.291724 | 1.174797 |
| #3 | 5.763372 | 36.83890 | 1.143835 | .0763594 | 1.265208 | 1.258215 | 1.175690 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.68337 | 5.237030 | .1456560 | -.000922 | .7918814 | 6.282018 | .0057331 |
| Stddev | .22528 | .006130 | .0017936 | .000479 | .0122090 | .029723 | .0007153 |
| %RSD | .9931469 | .1170432 | 1.231413 | 51.97590 | 1.541766 | .4731379 | 12.47659 |
| | | | | | | | |
| #1 | 22.86606 | 5.230119 | .1462165 | -.000414 | .7957822 | 6.309932 | .0061044 |
| #2 | 22.75239 | 5.239163 | .1471025 | -.000988 | .8016632 | 6.285354 | .0061864 |
| #3 | 22.43165 | 5.241808 | .1436491 | -.001366 | .7781987 | 6.250768 | .0049085 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-05DLX2 Acquired: 10/31/2024 1:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.362202 | .0453467 | .2385109 |
| Stddev | .020273 | .0013521 | .0011544 |
| %RSD | .8582152 | 2.981750 | .4840108 |
| | | | |
| #1 | 2.383738 | .0439795 | .2398415 |
| #2 | 2.359380 | .0466833 | .2377755 |
| #3 | 2.343488 | .0453775 | .2379159 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1015.495 | 24556.95 | 2879.197 | 882.3123 | 1733.245 |
| Stddev | .271 | 38.82 | 21.980 | 2.7028 | .921 |
| %RSD | .0267297 | .1580962 | .7634046 | .3063327 | .0531400 |
| | | | | | |
| #1 | 1015.184 | 24535.57 | 2863.052 | 879.2724 | 1733.639 |
| #2 | 1015.682 | 24533.52 | 2870.308 | 883.2201 | 1733.905 |
| #3 | 1015.620 | 24601.77 | 2904.229 | 884.4443 | 1732.193 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-03LDLX10 Acquired: 10/31/2024 1:29:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0185207 | -.003352 | .0215532 | -.002127 | .0008346 | 15.95857 | .1729059 |
| Stddev | .0033630 | .001656 | .0005127 | .003024 | .0022045 | .01048 | .0004636 |
| %RSD | 18.15832 | 49.40374 | 2.379002 | 142.1520 | 264.1243 | .0656729 | .2681385 |
| #1 | .0185293 | -.005235 | .0211772 | -.000072 | .0031756 | 15.96831 | .1734354 |
| #2 | .0218793 | -.002701 | .0221373 | -.005600 | .0005299 | 15.94748 | .1727096 |
| #3 | .0151533 | -.002121 | .0213451 | -.000711 | -.001202 | 15.95992 | .1725727 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0012076 | .0009121 | 12.93998 | .0326615 | .0203905 | .0563426 | 36.32392 |
| Stddev | .0001974 | .0000401 | .06763 | .0009973 | .0000765 | .0015209 | .06808 |
| %RSD | 16.34966 | 4.394747 | .5226651 | 3.053275 | .3751690 | 2.699329 | .1874234 |
| #1 | .0014223 | .0009166 | 12.94494 | .0325509 | .0204782 | .0577603 | 36.28363 |
| #2 | .0010340 | .0009497 | 13.00500 | .0317241 | .0203561 | .0547362 | 36.28561 |
| #3 | .0011664 | .0008699 | 12.87000 | .0337094 | .0203374 | .0565313 | 36.40252 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.102770 | 8.286665 | .0293771 | -.006678 | .0948981 | .0683636 | .0817133 |
| Stddev | .007222 | .067630 | .0002148 | .000403 | .3363220 | .0129907 | .0005380 |
| %RSD | .6549173 | .8161302 | .7313002 | 6.038343 | 354.4033 | 19.00229 | .6583518 |
| #1 | 1.105243 | 8.215513 | .0292615 | -.007062 | .4300906 | .0550382 | .0822052 |
| #2 | 1.094636 | 8.294369 | .0296250 | -.006713 | .0971459 | .0690614 | .0811388 |
| #3 | 1.108431 | 8.350114 | .0292449 | -.006258 | -.242542 | .0809914 | .0817960 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.040612 | 1.093287 | .0290388 | -.000757 | .1583316 | 1.462669 | .0008574 |
| Stddev | .121955 | .006639 | .0007995 | .000292 | .0004911 | .008474 | .0018755 |
| %RSD | 2.419446 | .6072959 | 2.753026 | 38.63458 | .3101442 | .5793859 | 218.7397 |
| #1 | 5.179164 | 1.086562 | .0292152 | -.000419 | .1588975 | 1.469917 | .0009122 |
| #2 | 4.993146 | 1.093460 | .0297354 | -.000912 | .1580801 | 1.464739 | .0027049 |
| #3 | 4.949528 | 1.099838 | .0281659 | -.000939 | .1580173 | 1.453351 | -.001045 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-03LDLX10 Acquired: 10/31/2024 1:29:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K2L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5335332 | .0105538 | .0537141 |
| Stddev | .0033401 | .0007636 | .0003324 |
| %RSD | .6260395 | 7.235055 | .6188598 |
| | | | |
| #1 | .5356836 | .0096759 | .0540948 |
| #2 | .5352307 | .0109218 | .0534813 |
| #3 | .5296852 | .0110637 | .0535662 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 988.9499 | 23537.28 | 2689.365 | 854.6626 | 1834.002 |
| Stddev | 1.7722 | 59.70 | 11.314 | 4.2265 | 4.012 |
| %RSD | .1792003 | .2536562 | .4207085 | .4945243 | .2187622 |
| | | | | | |
| #1 | 987.9754 | 23601.63 | 2678.950 | 854.6570 | 1829.380 |
| #2 | 990.9955 | 23526.52 | 2687.743 | 858.8919 | 1836.587 |
| #3 | 987.8788 | 23483.68 | 2701.404 | 850.4389 | 1836.038 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-06DLX2 Acquired: 10/31/2024 1:33:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1062155 | -.020662 | .1274669 | -.004139 | .0034502 | 64.33348 | .7622468 |
| Stddev | .0066172 | .003366 | .0037486 | .005080 | .0029605 | .02913 | .0016841 |
| %RSD | 6.229995 | 16.28995 | 2.940820 | 122.7380 | 85.80684 | .0452730 | .2209330 |
| #1 | .1058370 | -.024529 | .1307161 | -.009662 | .0004363 | 64.31349 | .7632492 |
| #2 | .1130139 | -.018398 | .1283189 | -.003087 | .0063542 | 64.32006 | .7631886 |
| #3 | .0997957 | -.019058 | .1233656 | .000333 | .0035601 | 64.36690 | .7603025 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0040857 | .0053693 | 47.80170 | .1339038 | .0878404 | .3633856 | 150.0507 |
| Stddev | .0000933 | .0001009 | .12807 | .0007781 | .0009545 | .0073300 | .4341 |
| %RSD | 2.283330 | 1.879120 | .2679185 | .5810556 | 1.086632 | 2.017148 | .2892867 |
| #1 | .0039790 | .0052528 | 47.65480 | .1342213 | .0874275 | .3706915 | 149.8126 |
| #2 | .0041258 | .0054289 | 47.86039 | .1344728 | .0871618 | .3634335 | 150.5517 |
| #3 | .0041521 | .0054262 | 47.88989 | .1330172 | .0889318 | .3560317 | 149.7878 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.871690 | 36.55260 | .1511939 | -.015555 | 1.997133 | .3001608 | .4113966 |
| Stddev | .010615 | .17230 | .0013937 | .000162 | .151020 | .0103701 | .0015138 |
| %RSD | .2741617 | .4713630 | .9217826 | 1.038903 | 7.561840 | 3.454832 | .3679641 |
| #1 | 3.872595 | 36.40045 | .1497886 | -.015416 | 1.856826 | .3072740 | .4130259 |
| #2 | 3.881824 | 36.51765 | .1525757 | -.015732 | 1.977605 | .3049461 | .4100336 |
| #3 | 3.860652 | 36.73969 | .1512175 | -.015517 | 2.156966 | .2882621 | .4111305 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.43125 | 6.460448 | .1519833 | .0008039 | 1.328238 | 6.259328 | .0077593 |
| Stddev | .10414 | .023762 | .0015736 | .0004039 | .006198 | .004894 | .0020781 |
| %RSD | .4642564 | .3678050 | 1.035371 | 50.24480 | .4666229 | .0781925 | 26.78180 |
| #1 | 22.33758 | 6.433257 | .1503675 | .0003953 | 1.326331 | 6.261718 | .0055173 |
| #2 | 22.54339 | 6.470867 | .1520713 | .0008134 | 1.335165 | 6.262567 | .0081396 |
| #3 | 22.41280 | 6.477221 | .1535110 | .0012031 | 1.323217 | 6.253697 | .0096210 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-06DLX2 Acquired: 10/31/2024 1:33:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.046242 | .0466191 | .2704282 |
| Stddev | .003945 | .0013926 | .0000574 |
| %RSD | .1927835 | 2.987267 | .0212095 |
| | | | |
| #1 | 2.046256 | .0462129 | .2704799 |
| #2 | 2.042291 | .0481696 | .2703665 |
| #3 | 2.050180 | .0454747 | .2704383 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1013.445 | 24332.86 | 2822.301 | 874.4287 | 1754.025 |
| Stddev | 2.950 | 25.07 | 5.768 | 3.6591 | 5.174 |
| %RSD | .2911313 | .1030214 | .2043835 | .4184539 | .2949946 |
| | | | | | |
| #1 | 1016.142 | 24311.74 | 2827.160 | 870.2393 | 1758.453 |
| #2 | 1013.899 | 24360.56 | 2815.926 | 876.9980 | 1755.285 |
| #3 | 1010.294 | 24326.27 | 2823.818 | 876.0490 | 1748.338 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-07DLX2 Acquired: 10/31/2024 1:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0945385 | -.021970 | .1168560 | .0037087 | .0027912 | 79.14974 | .8148531 |
| Stddev | .0029752 | .003140 | .0020009 | .0025053 | .0020705 | .09048 | .0039647 |
| %RSD | 3.147082 | 14.29284 | 1.712257 | 67.55221 | 74.18257 | .1143127 | .4865580 |
| #1 | .0945190 | -.018503 | .1147629 | .0014258 | .0051511 | 79.23539 | .8150464 |
| #2 | .0975234 | -.022783 | .1170555 | .0063889 | .0012793 | 79.15872 | .8187176 |
| #3 | .0915731 | -.024623 | .1187497 | .0033113 | .0019430 | 79.05510 | .8107952 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045606 | .0057525 | 45.85004 | .1577921 | .0993923 | .3551081 | 162.7210 |
| Stddev | .0001160 | .0001706 | .09857 | .0003201 | .0005324 | .0009653 | .1360 |
| %RSD | 2.542627 | 2.965775 | .2149727 | .2028286 | .5356787 | .2718377 | .0835535 |
| #1 | .0044324 | .0058446 | 45.76194 | .1581078 | .0988108 | .3559117 | 162.5640 |
| #2 | .0045911 | .0055556 | 45.83170 | .1578006 | .0998558 | .3553751 | 162.8011 |
| #3 | .0046582 | .0058571 | 45.95649 | .1574679 | .0995103 | .3540373 | 162.7979 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.648485 | 38.50521 | .1474560 | -.018214 | 1.232163 | .3222153 | .4206559 |
| Stddev | .015908 | .14170 | .0008843 | .000418 | .070165 | .0041639 | .0006853 |
| %RSD | .3422283 | .3680010 | .5996862 | 2.294274 | 5.694461 | 1.292271 | .1629206 |
| #1 | 4.655745 | 38.35928 | .1471316 | -.018675 | 1.162636 | .3217720 | .4207171 |
| #2 | 4.659468 | 38.51410 | .1484566 | -.018107 | 1.230904 | .3182908 | .4213086 |
| #3 | 4.630242 | 38.64226 | .1467796 | -.017860 | 1.302949 | .3265831 | .4199420 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.62250 | 5.355454 | .1521703 | .0001951 | .8393974 | 6.447965 | .0036230 |
| Stddev | .10121 | .015088 | .0018537 | .0003028 | .0138051 | .012375 | .0021919 |
| %RSD | .4110589 | .2817233 | 1.218144 | 155.2130 | 1.644648 | .1919187 | 60.49748 |
| #1 | 24.64910 | 5.364724 | .1522190 | .0004062 | .8552272 | 6.442997 | .0016409 |
| #2 | 24.70776 | 5.363595 | .1539991 | .0003308 | .8298564 | 6.438845 | .0032512 |
| #3 | 24.51065 | 5.338045 | .1502927 | -.000152 | .8331087 | 6.462051 | .0059770 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-07DLX2 Acquired: 10/31/2024 1:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.342395 | .0538095 | .2267147 |
| Stddev | .001607 | .0006462 | .0008699 |
| %RSD | .0685843 | 1.200957 | .3836814 |
| | | | |
| #1 | 2.343884 | .0539969 | .2269945 |
| #2 | 2.340692 | .0530902 | .2274103 |
| #3 | 2.342610 | .0543413 | .2257394 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.499 | 24598.02 | 2870.373 | 881.8598 | 1735.609 |
| Stddev | .880 | 16.76 | 8.423 | 2.0530 | 1.110 |
| %RSD | .0862357 | .0681490 | .2934608 | .2328059 | .0639365 |
| | | | | | |
| #1 | 1021.511 | 24579.02 | 2866.096 | 879.8951 | 1736.327 |
| #2 | 1020.076 | 24610.71 | 2880.077 | 881.6933 | 1736.169 |
| #3 | 1019.910 | 24604.33 | 2864.945 | 883.9910 | 1734.331 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-08DLX2 Acquired: 10/31/2024 1:42:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1069737 | -.018722 | .1192578 | .0029967 | .0063785 | 66.54383 | .7260187 |
| Stddev | .0054731 | .002250 | .0030541 | .0004609 | .0017899 | .23342 | .0018977 |
| %RSD | 5.116280 | 12.01567 | 2.560966 | 15.37994 | 28.06209 | .3507746 | .2613801 |
| #1 | .1120888 | -.016988 | .1204334 | .0027949 | .0051898 | 66.75408 | .7273394 |
| #2 | .1076305 | -.021264 | .1215495 | .0035240 | .0055085 | 66.29266 | .7238441 |
| #3 | .1012019 | -.017913 | .1157905 | .0026711 | .0084371 | 66.58476 | .7268727 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0038124 | .0052971 | 43.66096 | .1465237 | .0863484 | .3161974 | 141.9850 |
| Stddev | .0001332 | .0001025 | .32762 | .0021177 | .0007545 | .0044044 | .7585 |
| %RSD | 3.494990 | 1.935848 | .7503659 | 1.445305 | .8737632 | 1.392935 | .5342280 |
| #1 | .0036887 | .0054131 | 43.98946 | .1443032 | .0870284 | .3212091 | 142.5305 |
| #2 | .0037952 | .0052596 | 43.33424 | .1467470 | .0855368 | .3129422 | 141.1188 |
| #3 | .0039535 | .0052186 | 43.65919 | .1485209 | .0864799 | .3144411 | 142.3058 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.579815 | 37.03557 | .1459758 | -.016519 | 2.083487 | .2807934 | .4473812 |
| Stddev | .009907 | .27170 | .0012554 | .000617 | .136881 | .0029086 | .0012432 |
| %RSD | .2767457 | .7336321 | .8600000 | 3.732881 | 6.569782 | 1.035843 | .2778747 |
| #1 | 3.582898 | 37.26870 | .1453625 | -.016316 | 1.925939 | .2834370 | .4471212 |
| #2 | 3.568733 | 36.73718 | .1474200 | -.017211 | 2.151305 | .2812655 | .4462886 |
| #3 | 3.587814 | 37.10083 | .1451449 | -.016029 | 2.173218 | .2776776 | .4487338 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.17688 | 5.782223 | .1615837 | .0012072 | 1.829765 | 6.965723 | .0068175 |
| Stddev | .09957 | .010898 | .0006119 | .0005091 | .008422 | .014182 | .0007679 |
| %RSD | .3954724 | .1884777 | .3786645 | 42.17594 | .4603039 | .2036027 | 11.26388 |
| #1 | 25.26033 | 5.788733 | .1610629 | .0010912 | 1.838309 | 6.975483 | .0072832 |
| #2 | 25.06667 | 5.788294 | .1614306 | .0007661 | 1.821469 | 6.949454 | .0059312 |
| #3 | 25.20365 | 5.769641 | .1622576 | .0017644 | 1.829518 | 6.972231 | .0072381 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-08DLX2 Acquired: 10/31/2024 1:42:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.972931 | .0455490 | .2271239 |
| Stddev | .009633 | .0015385 | .0009244 |
| %RSD | .4882434 | 3.377725 | .4069804 |
| | | | |
| #1 | 1.982833 | .0465049 | .2281780 |
| #2 | 1.963592 | .0463679 | .2264515 |
| #3 | 1.972368 | .0437742 | .2267423 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1011.578 | 24367.49 | 2838.971 | 880.1998 | 1746.778 |
| Stddev | 1.833 | 65.39 | 9.266 | .7473 | 2.581 |
| %RSD | .1811637 | .2683483 | .3263791 | .0848979 | .1477530 |
| | | | | | |
| #1 | 1010.545 | 24364.26 | 2830.780 | 879.3379 | 1743.839 |
| #2 | 1013.693 | 24434.43 | 2849.028 | 880.6659 | 1747.821 |
| #3 | 1010.494 | 24303.77 | 2837.105 | 880.5955 | 1748.675 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-09DLX2 Acquired: 10/31/2024 1:46:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0762027 | -.020139 | .0930311 | -.006541 | .0034979 | 65.84183 | .7343084 |
| Stddev | .0055681 | .003772 | .0005406 | .000913 | .0011561 | .24005 | .0002202 |
| %RSD | 7.306969 | 18.72943 | .5811259 | 13.96024 | 33.05136 | .3645925 | .0299819 |
| #1 | .0706896 | -.015989 | .0924231 | -.006222 | .0039728 | 65.95122 | .7344625 |
| #2 | .0760944 | -.023359 | .0934577 | -.007570 | .0043410 | 66.00770 | .7344064 |
| #3 | .0818242 | -.021069 | .0932124 | -.005830 | .0021800 | 65.56656 | .7340562 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0040787 | .0045625 | 49.87804 | .1269325 | .0824481 | .2660311 | 137.3899 |
| Stddev | .0001688 | .0002425 | .21112 | .0019984 | .0012771 | .0058834 | .6806 |
| %RSD | 4.137475 | 5.315893 | .4232697 | 1.574392 | 1.548932 | 2.211540 | .4953445 |
| #1 | .0040172 | .0045790 | 50.05272 | .1275397 | .0835871 | .2703836 | 137.7196 |
| #2 | .0042696 | .0043121 | 49.93797 | .1247010 | .0826896 | .2593375 | 137.8428 |
| #3 | .0039494 | .0047964 | 49.64344 | .1285569 | .0810675 | .2683722 | 136.6073 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.992530 | 33.23842 | .1289868 | -.016206 | 1.019661 | .2706365 | .3654557 |
| Stddev | .015293 | .23579 | .0011399 | .000809 | .261861 | .0111163 | .0007323 |
| %RSD | .3830384 | .7093918 | .8837544 | 4.993905 | 25.68115 | 4.107468 | .2003697 |
| #1 | 3.997773 | 33.15627 | .1280205 | -.016982 | 1.272778 | .2785190 | .3652110 |
| #2 | 4.004512 | 33.50430 | .1302440 | -.016269 | 1.036350 | .2754687 | .3662790 |
| #3 | 3.975305 | 33.05470 | .1286960 | -.015367 | .749855 | .2579219 | .3648772 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.97912 | 5.688583 | .1320669 | -.000124 | 1.498571 | 5.155362 | .0051380 |
| Stddev | .04894 | .014583 | .0010623 | .000596 | .005296 | .031718 | .0023511 |
| %RSD | .2129724 | .2563557 | .8043468 | 479.5430 | .3534310 | .6152390 | 45.75832 |
| #1 | 22.99496 | 5.694347 | .1310002 | -.000271 | 1.503041 | 5.175436 | .0033297 |
| #2 | 23.01819 | 5.699403 | .1331247 | .000532 | 1.499949 | 5.171853 | .0077958 |
| #3 | 22.92423 | 5.671999 | .1320758 | -.000634 | 1.492721 | 5.118796 | .0042886 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-09DLX2 Acquired: 10/31/2024 1:46:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.936028 | .0449850 | .1954457 |
| Stddev | .008411 | .0001240 | .0002444 |
| %RSD | .4344411 | .2757275 | .1250406 |
| | | | |
| #1 | 1.937403 | .0450938 | .1952042 |
| #2 | 1.943668 | .0448499 | .1954400 |
| #3 | 1.927015 | .0450113 | .1956929 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1011.739 | 24453.89 | 2867.462 | 879.9183 | 1742.901 |
| Stddev | 1.994 | 29.45 | 21.017 | 1.9902 | 3.982 |
| %RSD | .1970708 | .1204189 | .7329510 | .2261819 | .2284714 |
| | | | | | |
| #1 | 1009.898 | 24487.72 | 2856.657 | 880.6444 | 1739.485 |
| #2 | 1011.464 | 24433.99 | 2854.044 | 877.6670 | 1741.943 |
| #3 | 1013.857 | 24439.95 | 2891.683 | 881.4436 | 1747.274 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-10DLX2 Acquired: 10/31/2024 1:51:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1640738 | -.022835 | .1922302 | .0002670 | .0031035 | 80.78886 | .9061619 |
| Stddev | .0034224 | .003771 | .0010377 | .0034197 | .0037133 | .10844 | .0005668 |
| %RSD | 2.085905 | 16.51194 | .5398439 | 1280.676 | 119.6480 | .1342275 | .0625532 |
| #1 | .1615344 | -.020104 | .1913127 | .0030140 | .0060934 | 80.85531 | .9055470 |
| #2 | .1627212 | -.021264 | .1933565 | -.003563 | -.001053 | 80.66372 | .9062749 |
| #3 | .1679659 | -.027137 | .1920213 | .001350 | .004270 | 80.84754 | .9066637 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045448 | .0084171 | 36.99980 | .1824313 | .1025137 | .6469563 | 172.3758 |
| Stddev | .0001006 | .0002379 | .08614 | .0003453 | .0007065 | .0059172 | .3821 |
| %RSD | 2.213282 | 2.825855 | .2328019 | .1892504 | .6891952 | .9146157 | .2216462 |
| #1 | .0044507 | .0083666 | 37.02937 | .1827376 | .1032229 | .6501119 | 172.1414 |
| #2 | .0045327 | .0086762 | 36.90278 | .1820572 | .1025084 | .6506268 | 172.1693 |
| #3 | .0046508 | .0082085 | 37.06726 | .1824992 | .1018099 | .6401303 | 172.8167 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.893254 | 39.42524 | .1832742 | -.017554 | 1.097388 | .3342074 | .5778769 |
| Stddev | .010869 | .16832 | .0006871 | .000070 | .099061 | .0026824 | .0024793 |
| %RSD | .2221151 | .4269439 | .3749044 | .4007729 | 9.026942 | .8026129 | .4290374 |
| #1 | 4.889340 | 39.23114 | .1828962 | -.017490 | 1.211529 | .3370945 | .5782312 |
| #2 | 4.884883 | 39.53099 | .1828591 | -.017543 | 1.046787 | .3337352 | .5801600 |
| #3 | 4.905537 | 39.51359 | .1840673 | -.017630 | 1.033847 | .3317924 | .5752395 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.74224 | 5.635510 | .1630718 | .0004066 | 1.277285 | 5.103714 | .0082296 |
| Stddev | .04044 | .014562 | .0012941 | .0005598 | .004400 | .008834 | .0009298 |
| %RSD | .1457611 | .2583930 | .7935891 | 137.6641 | .3444940 | .1730905 | 11.29767 |
| #1 | 27.70322 | 5.652251 | .1616903 | -.000148 | 1.277006 | 5.094283 | .0090933 |
| #2 | 27.78396 | 5.625776 | .1642558 | .000396 | 1.281817 | 5.105065 | .0083500 |
| #3 | 27.73955 | 5.628503 | .1632694 | .000972 | 1.273030 | 5.111795 | .0072455 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-10DLX2 Acquired: 10/31/2024 1:51:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.122104 | .0561379 | .1902838 |
| Stddev | .006465 | .0003890 | .0001982 |
| %RSD | .3046375 | .6929421 | .1041519 |
| | | | |
| #1 | 2.124632 | .0559368 | .1900893 |
| #2 | 2.114757 | .0558906 | .1902766 |
| #3 | 2.126923 | .0565863 | .1904855 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.460 | 24513.07 | 2856.902 | 886.3787 | 1747.990 |
| Stddev | .872 | 64.45 | 7.473 | 3.6000 | 1.919 |
| %RSD | .0854210 | .2629381 | .2615688 | .4061450 | .1097573 |
| | | | | | |
| #1 | 1020.218 | 24462.49 | 2859.145 | 882.7284 | 1747.635 |
| #2 | 1021.427 | 24585.64 | 2862.997 | 886.4816 | 1750.061 |
| #3 | 1019.735 | 24491.07 | 2848.565 | 889.9261 | 1746.273 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-11DLX2 Acquired: 10/31/2024 1:55:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1386245 | -.022313 | .1624223 | .0025342 | .0037096 | 81.60721 | .9778906 |
| Stddev | .0024401 | .004594 | .0021505 | .0046747 | .0063912 | .40428 | .0033694 |
| %RSD | 1.760215 | 20.59136 | 1.324035 | 184.4663 | 172.2889 | .4953930 | .3445578 |
| #1 | .1369964 | -.026021 | .1613476 | .0003046 | .0061277 | 81.99310 | .9797979 |
| #2 | .1414300 | -.017173 | .1648984 | .0079063 | .0085388 | 81.64179 | .9798738 |
| #3 | .1374471 | -.023744 | .1610210 | -.000608 | -.003538 | 81.18676 | .9740002 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045217 | .0072371 | 38.30606 | .1804029 | .1045593 | .5463308 | 163.5377 |
| Stddev | .0001839 | .0001257 | .16769 | .0014038 | .0005215 | .0039716 | .7973 |
| %RSD | 4.067627 | 1.736335 | .4377589 | .7781333 | .4987268 | .7269657 | .4875250 |
| #1 | .0043794 | .0073790 | 38.48793 | .1817705 | .1040446 | .5506891 | 164.4518 |
| #2 | .0047294 | .0071926 | 38.27266 | .1789656 | .1045461 | .5453874 | 162.9863 |
| #3 | .0044564 | .0071398 | 38.15758 | .1804727 | .1050873 | .5429158 | 163.1748 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.240326 | 40.59417 | .1779052 | -.017791 | 1.329428 | .3155399 | .5907476 |
| Stddev | .008595 | .17132 | .0003347 | .000268 | .162469 | .0135754 | .0058490 |
| %RSD | .1640161 | .4220429 | .1881202 | 1.508522 | 12.22098 | 4.302278 | .9900970 |
| #1 | 5.248159 | 40.79137 | .1781719 | -.017673 | 1.154367 | .3284060 | .5945135 |
| #2 | 5.241686 | 40.48190 | .1775296 | -.017602 | 1.475366 | .3013519 | .5937198 |
| #3 | 5.231132 | 40.50925 | .1780140 | -.018098 | 1.358549 | .3168619 | .5840093 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.79568 | 6.654182 | .1704350 | .0008332 | 1.981011 | 6.140071 | .0079276 |
| Stddev | .20219 | .006729 | .0016731 | .0003921 | .006252 | .013836 | .0008878 |
| %RSD | .7545606 | .1011261 | .9816820 | 47.05427 | .3156046 | .2253410 | 11.19914 |
| #1 | 27.02695 | 6.646982 | .1721827 | .0009501 | 1.983724 | 6.153014 | .0089528 |
| #2 | 26.70774 | 6.655254 | .1702742 | .0011536 | 1.973861 | 6.125488 | .0074116 |
| #3 | 26.65236 | 6.660311 | .1688480 | .0003960 | 1.985448 | 6.141711 | .0074185 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-11DLX2 Acquired: 10/31/2024 1:55:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.076426 | .0590363 | .2450536 |
| Stddev | .017118 | .0012759 | .0004057 |
| %RSD | .8243787 | 2.161255 | .1655357 |
| | | | |
| #1 | 2.094846 | .0577560 | .2454742 |
| #2 | 2.073423 | .0590450 | .2450217 |
| #3 | 2.061008 | .0603078 | .2446648 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.197 | 24508.86 | 2856.179 | 879.4101 | 1748.082 |
| Stddev | 1.563 | 41.41 | 11.162 | 6.8079 | 3.917 |
| %RSD | .1532218 | .1689573 | .3907905 | .7741385 | .2240996 |
| | | | | | |
| #1 | 1018.611 | 24461.05 | 2848.378 | 873.7286 | 1747.322 |
| #2 | 1021.736 | 24532.98 | 2868.964 | 877.5459 | 1752.324 |
| #3 | 1020.243 | 24532.56 | 2851.194 | 886.9559 | 1744.600 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-12DLX2 Acquired: 10/31/2024 2:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1518690 | -.024171 | .1262264 | -.005373 | .0037511 | 86.89032 | .9814445 |
| Stddev | .0018771 | .003620 | .0044379 | .006664 | .0016821 | .12831 | .0041775 |
| %RSD | 1.236005 | 14.97759 | 3.515853 | 124.0205 | 44.84331 | .1476687 | .4256497 |
| #1 | .1506455 | -.023883 | .1304636 | .000661 | .0037271 | 86.82991 | .9788896 |
| #2 | .1540302 | -.027926 | .1266039 | -.012526 | .0054450 | 87.03768 | .9862654 |
| #3 | .1509313 | -.020703 | .1216118 | -.004256 | .0020811 | 86.80336 | .9791785 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0042657 | .0067958 | 50.21843 | .2390592 | .1243274 | .4673168 | 185.5104 |
| Stddev | .0000905 | .0001393 | .11355 | .0004550 | .0003498 | .0053353 | .3399 |
| %RSD | 2.121869 | 2.049448 | .2261075 | .1903440 | .2813886 | 1.141692 | .1832488 |
| #1 | .0042683 | .0069189 | 50.20335 | .2391164 | .1246524 | .4612947 | 185.4050 |
| #2 | .0043549 | .0066446 | 50.33876 | .2385783 | .1239572 | .4692021 | 185.8906 |
| #3 | .0041739 | .0068239 | 50.11317 | .2394830 | .1243728 | .4714535 | 185.2356 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.057242 | 52.79889 | .2336475 | -.019339 | 1.581300 | .3948570 | .4324292 |
| Stddev | .016940 | .23865 | .0003525 | .000724 | .221390 | .0075316 | .0025954 |
| %RSD | .2796708 | .4519895 | .1508645 | 3.743890 | 14.00049 | 1.907426 | .6001836 |
| #1 | 6.053339 | 52.57542 | .2337186 | -.018518 | 1.753414 | .4022123 | .4323247 |
| #2 | 6.075794 | 53.05026 | .2332649 | -.019610 | 1.331548 | .3951981 | .4298877 |
| #3 | 6.042594 | 52.77100 | .2339590 | -.019887 | 1.658938 | .3871607 | .4350753 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 20.52235 | 5.799304 | .1887503 | .0002788 | 1.675120 | 4.834041 | .0073247 |
| Stddev | .06853 | .020585 | .0013774 | .0002269 | .005309 | .010679 | .0015695 |
| %RSD | .3339118 | .3549506 | .7297541 | 81.39346 | .3169374 | .2209063 | 21.42756 |
| #1 | 20.52170 | 5.819861 | .1891315 | .0001673 | 1.671536 | 4.845580 | .0065282 |
| #2 | 20.45414 | 5.799358 | .1898970 | .0001292 | 1.672606 | 4.832035 | .0063132 |
| #3 | 20.59119 | 5.778692 | .1872225 | .0005399 | 1.681219 | 4.824507 | .0091328 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-12DLX2 Acquired: 10/31/2024 2:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4K9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.969475 | .0575049 | .2737570 |
| Stddev | .004659 | .0011526 | .0008449 |
| %RSD | .2365444 | 2.004355 | .3086355 |
| | | | |
| #1 | 1.964184 | .0566771 | .2737704 |
| #2 | 1.972964 | .0570162 | .2745951 |
| #3 | 1.971276 | .0588213 | .2729054 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1008.666 | 24291.06 | 2859.790 | 871.9562 | 1728.907 |
| Stddev | 1.895 | 62.76 | 8.083 | 3.4040 | 3.074 |
| %RSD | .1879161 | .2583581 | .2826505 | .3903863 | .1777769 |
| | | | | | |
| #1 | 1010.316 | 24246.88 | 2852.279 | 871.2787 | 1726.412 |
| #2 | 1009.086 | 24263.41 | 2858.747 | 875.6481 | 1727.968 |
| #3 | 1006.596 | 24362.90 | 2868.344 | 868.9420 | 1732.340 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-13DLX2 Acquired: 10/31/2024 2:04:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1165022 | -.019717 | .0922597 | .0041101 | .0029607 | 76.64665 | 1.035086 |
| Stddev | .0074344 | .001994 | .0023456 | .0010009 | .0008479 | .23349 | .001043 |
| %RSD | 6.381300 | 10.11520 | 2.542444 | 24.35297 | 28.63754 | .3046318 | .1007381 |
| #1 | .1100127 | -.022014 | .0905391 | .0040246 | .0027398 | 76.73180 | 1.035459 |
| #2 | .1148803 | -.018416 | .0949316 | .0031547 | .0022451 | 76.82561 | 1.033908 |
| #3 | .1246136 | -.018723 | .0913086 | .0051511 | .0038972 | 76.38253 | 1.035890 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047380 | .0048173 | 68.66305 | .1633107 | .0988615 | .2291941 | 153.4082 |
| Stddev | .0002313 | .0001928 | .35985 | .0000519 | .0000812 | .0034665 | .7322 |
| %RSD | 4.881426 | 4.002723 | .5240745 | .0317876 | .0821761 | 1.512490 | .4772902 |
| #1 | .0045698 | .0049957 | 68.77884 | .1633601 | .0987941 | .2323960 | 154.0203 |
| #2 | .0050017 | .0046127 | 68.95075 | .1633155 | .0989517 | .2296736 | 153.6071 |
| #3 | .0046424 | .0048435 | 68.25957 | .1632566 | .0988385 | .2255128 | 152.5971 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.657630 | 39.10512 | .1880504 | -.017229 | .9898733 | .3054229 | .3447342 |
| Stddev | .015023 | .13499 | .0009745 | .000222 | .3819377 | .0079043 | .0010491 |
| %RSD | .3225548 | .3451936 | .5182280 | 1.290031 | 38.58451 | 2.587972 | .3043210 |
| #1 | 4.667106 | 39.16966 | .1885425 | -.017409 | 1.418843 | .3145491 | .3448546 |
| #2 | 4.665477 | 39.19573 | .1869279 | -.016981 | .864075 | .3007530 | .3436301 |
| #3 | 4.640308 | 38.94998 | .1886806 | -.017296 | .686702 | .3009665 | .3457180 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.60927 | 5.082299 | .1363532 | -.000489 | .7623903 | 5.577912 | .0059670 |
| Stddev | .13232 | .014251 | .0015504 | .000832 | .0083496 | .028551 | .0051049 |
| %RSD | .7514333 | .2804098 | 1.137028 | 170.1842 | 1.095186 | .5118597 | 85.55116 |
| #1 | 17.68681 | 5.077013 | .1350079 | -.000551 | .7661140 | 5.595342 | .0060230 |
| #2 | 17.45648 | 5.071447 | .1380487 | -.001288 | .7528267 | 5.593432 | .0008344 |
| #3 | 17.68451 | 5.098438 | .1360029 | .000372 | .7682300 | 5.544963 | .0110437 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-13DLX2 Acquired: 10/31/2024 2:04:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.478062 | .0571739 | .2405551 |
| Stddev | .007580 | .0011531 | .0004475 |
| %RSD | .3059022 | 2.016751 | .1860319 |
| | | | |
| #1 | 2.482517 | .0584379 | .2407030 |
| #2 | 2.482359 | .0569040 | .2409100 |
| #3 | 2.469309 | .0561797 | .2400524 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1019.590 | 24651.30 | 2882.903 | 889.7727 | 1725.297 |
| Stddev | 1.329 | 32.31 | 11.280 | 1.4878 | 1.213 |
| %RSD | .1303688 | .1310829 | .3912868 | .1672159 | .0703235 |
| | | | | | |
| #1 | 1020.703 | 24686.86 | 2878.087 | 888.0869 | 1726.654 |
| #2 | 1019.947 | 24623.73 | 2874.829 | 890.3290 | 1724.919 |
| #3 | 1018.118 | 24643.31 | 2895.792 | 890.9023 | 1724.317 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV003 Acquired: 10/31/2024 2:09:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.210346 | 4.830509 | 24.96673 | 4.840140 | 4.888350 | 407.4358 | 10.29384 |
| Stddev | .013098 | .008894 | .03197 | .009063 | .011395 | 1.7723 | .03048 |
| %RSD | .2513754 | .1841175 | .1280345 | .1872370 | .2330986 | .4349888 | .2961310 |
| | | | | | | | |
| #1 | 5.212501 | 4.820249 | 24.94094 | 4.840242 | 4.901383 | 408.9780 | 10.32156 |
| #2 | 5.196305 | 4.835242 | 24.95675 | 4.831028 | 4.880273 | 407.8296 | 10.29877 |
| #3 | 5.222232 | 4.836036 | 25.00249 | 4.849152 | 4.883393 | 405.4997 | 10.26119 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5310972 | 2.519939 | 402.5457 | 15.00138 | 2.527034 | 14.93132 | 408.2870 |
| Stddev | .0012217 | .002375 | 2.0600 | .02532 | .000937 | .07759 | 1.9230 |
| %RSD | .2300264 | .0942488 | .5117533 | .1687902 | .0370849 | .5196556 | .4709801 |
| | | | | | | | |
| #1 | .5297236 | 2.517410 | 404.4140 | 15.01639 | 2.525984 | 15.00912 | 409.9701 |
| #2 | .5320621 | 2.520283 | 402.8867 | 15.01561 | 2.527334 | 14.93090 | 408.6997 |
| #3 | .5315060 | 2.522123 | 400.3365 | 14.97215 | 2.527784 | 14.85394 | 406.1912 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.75882 | 395.5766 | 2.513075 | 1.279084 | 401.6568 | 2.456662 | 14.51180 |
| Stddev | .04430 | 2.0155 | .002379 | .002841 | 2.4152 | .015726 | .04302 |
| %RSD | .3001393 | .5095170 | .0946669 | .2221495 | .6013179 | .6401299 | .2964428 |
| | | | | | | | |
| #1 | 14.80590 | 397.7144 | 2.511694 | 1.282245 | 403.9219 | 2.445102 | 14.46395 |
| #2 | 14.75262 | 395.3042 | 2.511709 | 1.276742 | 401.9333 | 2.474570 | 14.52419 |
| #3 | 14.71796 | 393.7111 | 2.515822 | 1.278265 | 399.1152 | 2.450315 | 14.54727 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 153.2679 | 5.039444 | 4.859938 | 4.776382 | 5.134948 | 4.852406 | 5.034960 |
| Stddev | .4887 | .011835 | .010402 | .010074 | .010442 | .008363 | .009343 |
| %RSD | .3188423 | .2348378 | .2140385 | .2109032 | .2033533 | .1723423 | .1855540 |
| | | | | | | | |
| #1 | 153.7127 | 5.049802 | 4.865139 | 4.776504 | 5.124316 | 4.853816 | 5.026127 |
| #2 | 153.3463 | 5.041985 | 4.866714 | 4.786394 | 5.145189 | 4.859974 | 5.034012 |
| #3 | 152.7448 | 5.026546 | 4.847961 | 4.766248 | 5.135338 | 4.843428 | 5.044740 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV003 Acquired: 10/31/2024 2:09:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.955035 | 5.005181 | 5.097326 |
| Stddev | .012202 | .025028 | .016666 |
| %RSD | .2462607 | .5000358 | .3269644 |
| | | | |
| #1 | 4.966296 | 5.027033 | 5.113378 |
| #2 | 4.956738 | 5.010634 | 5.098495 |
| #3 | 4.942071 | 4.977876 | 5.080106 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 787.7690 | 21163.00 | 2550.420 | 654.7983 | 1424.241 |
| Stddev | 1.1527 | 76.23 | 9.356 | .5042 | 2.048 |
| %RSD | .1463205 | .3602102 | .3668460 | .0770081 | .1438148 |
| | | | | | |
| #1 | 786.8246 | 21075.00 | 2542.339 | 654.4015 | 1424.269 |
| #2 | 787.4288 | 21205.16 | 2548.249 | 655.3657 | 1426.275 |
| #3 | 789.0534 | 21208.84 | 2560.670 | 654.6276 | 1422.178 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB003 Acquired: 10/31/2024 2:13:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005687 | .0007355 | .0012418 | -.000577 | .0006786 | .0179594 | -.002877 |
| Stddev | .001008 | .0033590 | .0025230 | .002979 | .0068968 | .0082443 | .000571 |
| %RSD | 17.72479 | 456.7250 | 203.1794 | 516.2701 | 1016.346 | 45.90505 | 19.82855 |
| #1 | -.004525 | .0046021 | .0011410 | -.001480 | .0086410 | .0262079 | -.003468 |
| #2 | -.006202 | -.001462 | -.001229 | -.003000 | -.003177 | .0097194 | -.002330 |
| #3 | -.006333 | -.000934 | .003814 | .002749 | -.003428 | .0179508 | -.002833 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000040 | .0001391 | .0344051 | .0002391 | .0003316 | -.001837 | -.015685 |
| Stddev | .000037 | .0001122 | .0324772 | .0007949 | .0001857 | .002976 | .033692 |
| %RSD | 91.68588 | 80.64989 | 94.39667 | 332.4367 | 55.99133 | 161.9886 | 214.8108 |
| #1 | -.000055 | .0002492 | .0374020 | .0010105 | .0002066 | .000804 | .016777 |
| #2 | -.000068 | .0001430 | .0652799 | .0002844 | .0005449 | -.005061 | -.050486 |
| #3 | .000002 | .0000250 | .0005332 | -.000577 | .0002432 | -.001254 | -.013345 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002821 | .0129034 | -.000375 | -.004575 | .0838087 | -.006634 | .0000280 |
| Stddev | .0018230 | .0416760 | .000457 | .000416 | .0335913 | .006017 | .0007057 |
| %RSD | 646.2190 | 322.9838 | 121.8406 | 9.083836 | 40.08086 | 90.69696 | 2519.424 |
| #1 | -.001823 | -.034604 | .000141 | -.004369 | .1113645 | -.000581 | -.000508 |
| #2 | .001315 | .030012 | -.000730 | -.004303 | .0463902 | -.006707 | .000828 |
| #3 | .001354 | .043303 | -.000536 | -.005053 | .0936714 | -.012615 | -.000236 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0577927 | -.005917 | .0005293 | .0003630 | -.005429 | .0003238 | .0014955 |
| Stddev | .1159110 | .002420 | .0009950 | .0003677 | .002947 | .0001534 | .0004058 |
| %RSD | 200.5633 | 40.90702 | 187.9959 | 101.2746 | 54.29388 | 47.39003 | 27.13629 |
| #1 | -.044190 | -.003236 | .0011398 | .0007577 | -.005470 | .0001643 | .0013409 |
| #2 | .183850 | -.006574 | .0010669 | .0003011 | -.008355 | .0003367 | .0019559 |
| #3 | .033718 | -.007940 | -.000619 | .0000303 | -.002460 | .0004704 | .0011897 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB003 Acquired: 10/31/2024 2:13:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0004393 | .0000842 | -.000007 |
| Stddev | .0009740 | .0004743 | .000056 |
| %RSD | 221.6930 | 563.5742 | 795.5889 |
| | | | |
| #1 | .0015293 | -.000096 | -.000052 |
| #2 | .0001343 | -.000274 | .000056 |
| #3 | -.000346 | .000622 | -.000025 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 974.5888 | 23090.11 | 2625.558 | 840.3849 | 1872.903 |
| Stddev | 3.4094 | 91.55 | 42.366 | 4.9681 | 5.217 |
| %RSD | .3498295 | .3964797 | 1.613616 | .5911680 | .2785255 |
| | | | | | |
| #1 | 970.9644 | 23014.47 | 2579.418 | 840.8275 | 1867.300 |
| #2 | 977.7320 | 23063.99 | 2662.707 | 835.2103 | 1877.620 |
| #3 | 975.0700 | 23191.89 | 2634.550 | 845.1168 | 1873.789 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-14DLX2 Acquired: 10/31/2024 2:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1353695 | -.023390 | .1387689 | -.002379 | .0031975 | 86.61535 | .9298672 |
| Stddev | .0033139 | .005806 | .0076769 | .001923 | .0027921 | .13019 | .0014139 |
| %RSD | 2.448017 | 24.82321 | 5.532173 | 80.82886 | 87.32245 | .1503084 | .1520580 |
| #1 | .1356169 | -.019634 | .1346577 | -.000649 | .0054861 | 86.73384 | .9314877 |
| #2 | .1319389 | -.020458 | .1476259 | -.004449 | .0040200 | 86.63622 | .9288846 |
| #3 | .1385527 | -.030077 | .1340231 | -.002039 | .0000865 | 86.47598 | .9292293 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052241 | .0071643 | 33.97945 | .1772806 | .1068760 | .4341145 | 187.5618 |
| Stddev | .0000389 | .0001247 | .05119 | .0008892 | .0002720 | .0025475 | .3232 |
| %RSD | .7452335 | 1.741183 | .1506530 | .5015508 | .2544812 | .5868278 | .1723211 |
| #1 | .0051813 | .0070278 | 34.03835 | .1774567 | .1070932 | .4325000 | 187.9038 |
| #2 | .0052574 | .0072723 | 33.94567 | .1763165 | .1065710 | .4327923 | 187.5203 |
| #3 | .0052337 | .0071927 | 33.95434 | .1780685 | .1069639 | .4370513 | 187.2614 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.163972 | 40.59613 | .1646608 | -.020414 | 1.138335 | .3512320 | .4690684 |
| Stddev | .004996 | .23717 | .0005602 | .000138 | .136221 | .0122674 | .0049603 |
| %RSD | .1199880 | .5842263 | .3402313 | .6763886 | 11.96671 | 3.492670 | 1.057483 |
| #1 | 4.169348 | 40.86732 | .1640143 | -.020534 | 1.058280 | .3377113 | .4633468 |
| #2 | 4.159471 | 40.49358 | .1649657 | -.020263 | 1.061104 | .3543341 | .4717010 |
| #3 | 4.163096 | 40.42748 | .1650025 | -.020446 | 1.295622 | .3616505 | .4721574 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.50782 | 5.568897 | .1752025 | .0001424 | .7191206 | 5.458384 | .0072678 |
| Stddev | .11594 | .022166 | .0015202 | .0003800 | .0097682 | .016088 | .0016727 |
| %RSD | .4373967 | .3980297 | .8676875 | 266.8393 | 1.358355 | .2947310 | 23.01471 |
| #1 | 26.60262 | 5.543643 | .1750530 | .0005680 | .7190474 | 5.463299 | .0053775 |
| #2 | 26.54229 | 5.585133 | .1767919 | .0000224 | .7093892 | 5.440412 | .0085562 |
| #3 | 26.37855 | 5.577913 | .1737625 | -.000163 | .7289252 | 5.471440 | .0078697 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-14DLX2 Acquired: 10/31/2024 2:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.383868 | .0562185 | .1857306 |
| Stddev | .006468 | .0015873 | .0005074 |
| %RSD | .2713329 | 2.823382 | .2731928 |
| #1 | 2.379922 | .0576716 | .1861881 |
| #2 | 2.391332 | .0545246 | .1858189 |
| #3 | 2.380349 | .0564593 | .1851849 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1026.093 | 24674.11 | 2871.328 | 887.7036 | 1742.081 |
| Stddev | .727 | 56.90 | 7.192 | 7.0612 | 1.231 |
| %RSD | .0708834 | .2306089 | .2504630 | .7954466 | .0706836 |
| #1 | 1025.444 | 24629.44 | 2863.062 | 895.7334 | 1742.461 |
| #2 | 1026.879 | 24654.74 | 2876.152 | 882.4631 | 1743.078 |
| #3 | 1025.955 | 24738.18 | 2874.769 | 884.9143 | 1740.705 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-15DLX2 Acquired: 10/31/2024 2:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1476953 | -.029252 | .1582397 | .0073224 | .0014153 | 95.29386 | 1.047277 |
| Stddev | .0165201 | .000672 | .0078253 | .0033277 | .0033715 | .15022 | .002508 |
| %RSD | 11.18527 | 2.295812 | 4.945193 | 45.44570 | 238.2194 | .1576414 | .2395082 |
| #1 | .1352950 | -.028572 | .1636201 | .0110308 | -.001310 | 95.46694 | 1.048686 |
| #2 | .1413419 | -.029271 | .1492627 | .0063396 | .000370 | 95.19734 | 1.048764 |
| #3 | .1664489 | -.029914 | .1618361 | .0045967 | .005186 | 95.21730 | 1.044381 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054616 | .0080135 | 38.00756 | .1954207 | .1293504 | .4914965 | 207.0517 |
| Stddev | .0001783 | .0000800 | .10939 | .0002722 | .0007153 | .0043284 | .4958 |
| %RSD | 3.264698 | .9987312 | .2878143 | .1392787 | .5530068 | .8806493 | .2394474 |
| #1 | .0053768 | .0080664 | 38.08508 | .1951240 | .1295097 | .4889271 | 207.2412 |
| #2 | .0056665 | .0079214 | 37.88243 | .1956589 | .1299727 | .4964938 | 206.4891 |
| #3 | .0053416 | .0080527 | 38.05518 | .1954791 | .1285689 | .4890685 | 207.4247 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.780715 | 46.09110 | .1884819 | -.021642 | 1.306538 | .3771272 | .5199785 |
| Stddev | .018243 | .03848 | .0012438 | .000181 | .177322 | .0064815 | .0013313 |
| %RSD | .3816049 | .0834964 | .6599034 | .8373188 | 13.57191 | 1.718659 | .2560366 |
| #1 | 4.766294 | 46.04944 | .1898733 | -.021774 | 1.288979 | .3753793 | .5187648 |
| #2 | 4.801224 | 46.09854 | .1874779 | -.021435 | 1.491987 | .3843035 | .5197683 |
| #3 | 4.774628 | 46.12532 | .1880944 | -.021716 | 1.138649 | .3716989 | .5214025 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 30.94201 | 6.386769 | .1905881 | .0000632 | .8335324 | 6.089484 | .0079365 |
| Stddev | .06861 | .022437 | .0009618 | .0002866 | .0147013 | .019190 | .0015562 |
| %RSD | .2217368 | .3512967 | .5046205 | 453.3161 | 1.763729 | .3151400 | 19.60828 |
| #1 | 30.87100 | 6.401884 | .1908184 | .0003114 | .8231618 | 6.070069 | .0074902 |
| #2 | 30.94710 | 6.397434 | .1895321 | -.000250 | .8503566 | 6.089940 | .0096671 |
| #3 | 31.00793 | 6.360989 | .1914137 | .000129 | .8270787 | 6.108442 | .0066522 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-15DLX2 Acquired: 10/31/2024 2:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.406165 | .0642306 | .2077189 |
| Stddev | .005598 | .0019990 | .0004107 |
| %RSD | .2326614 | 3.112274 | .1977117 |
| | | | |
| #1 | 2.412606 | .0638254 | .2081199 |
| #2 | 2.403419 | .0624652 | .2077376 |
| #3 | 2.402471 | .0664012 | .2072992 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1033.537 | 24867.08 | 2902.321 | 892.5676 | 1728.054 |
| Stddev | 1.711 | 65.94 | 4.540 | 3.5891 | 1.855 |
| %RSD | .1655739 | .2651798 | .1564221 | .4021060 | .1073331 |
| | | | | | |
| #1 | 1033.871 | 24814.78 | 2905.830 | 891.5786 | 1728.987 |
| #2 | 1031.684 | 24845.29 | 2897.194 | 889.5767 | 1725.918 |
| #3 | 1035.057 | 24941.16 | 2903.940 | 896.5474 | 1729.258 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-16DLX2 Acquired: 10/31/2024 2:26:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1700158 | -.025017 | .1038067 | -.005605 | .0002978 | 81.27687 | 1.080259 |
| Stddev | .0086525 | .001031 | .0023789 | .003951 | .0016225 | .40779 | .005368 |
| %RSD | 5.089260 | 4.119267 | 2.291685 | 70.49087 | 544.8096 | .5017268 | .4969046 |
| #1 | .1675091 | -.024428 | .1011181 | -.005592 | -.001563 | 81.69725 | 1.086372 |
| #2 | .1796449 | -.026207 | .1056386 | -.009563 | .001041 | 80.88296 | 1.076312 |
| #3 | .1628933 | -.024417 | .1046634 | -.001661 | .001415 | 81.25039 | 1.078095 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052645 | .0059614 | 16.51116 | .1504896 | .1059657 | .2950572 | 189.0280 |
| Stddev | .0003689 | .0000821 | .05854 | .0006472 | .0008095 | .0028452 | .6934 |
| %RSD | 7.006454 | 1.377283 | .3545361 | .4300799 | .7639535 | .9642736 | .3668026 |
| #1 | .0049423 | .0058718 | 16.57752 | .1497599 | .1062400 | .2973988 | 189.7213 |
| #2 | .0056669 | .0059791 | 16.46684 | .1507144 | .1066023 | .2918907 | 188.3346 |
| #3 | .0051844 | .0060332 | 16.48912 | .1509944 | .1050546 | .2958820 | 189.0280 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.874407 | 35.88602 | .1879451 | -.022345 | .6745003 | .3512837 | .3612557 |
| Stddev | .024328 | .20031 | .0011626 | .000633 | .1876885 | .0077135 | .0009325 |
| %RSD | .4990883 | .5581749 | .6185823 | 2.832231 | 27.82630 | 2.195804 | .2581259 |
| #1 | 4.901992 | 36.11495 | .1874031 | -.022903 | .4807504 | .3446576 | .3610719 |
| #2 | 4.856018 | 35.80010 | .1871524 | -.021657 | .6872762 | .3494422 | .3622665 |
| #3 | 4.865210 | 35.74300 | .1892797 | -.022475 | .8554745 | .3597512 | .3604289 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.14221 | 3.751873 | .1591319 | -.001127 | .5724111 | 5.388044 | .0084726 |
| Stddev | .05201 | .009037 | .0014631 | .000425 | .0139521 | .016265 | .0022965 |
| %RSD | .3221821 | .2408597 | .9193938 | 37.76490 | 2.437430 | .3018667 | 27.10454 |
| #1 | 16.18464 | 3.741462 | .1583085 | -.000805 | .5822681 | 5.388764 | .0111038 |
| #2 | 16.08419 | 3.756458 | .1608212 | -.000966 | .5564467 | 5.371432 | .0074425 |
| #3 | 16.15779 | 3.757697 | .1582662 | -.001609 | .5785185 | 5.403937 | .0068715 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-16DLX2 Acquired: 10/31/2024 2:26:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.973332 | .0645653 | .1613247 |
| Stddev | .007849 | .0003095 | .0006087 |
| %RSD | .3977778 | .4792946 | .3773252 |
| | | | |
| #1 | 1.981982 | .0647805 | .1619954 |
| #2 | 1.966661 | .0647047 | .1611713 |
| #3 | 1.971354 | .0642106 | .1608073 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1017.292 | 24507.18 | 2840.580 | 883.3639 | 1755.467 |
| Stddev | 1.523 | 35.20 | 3.309 | 1.4996 | 1.244 |
| %RSD | .1496849 | .1436449 | .1164944 | .1697591 | .0708764 |
| | | | | | |
| #1 | 1015.719 | 24526.05 | 2837.536 | 881.8046 | 1754.314 |
| #2 | 1018.759 | 24466.56 | 2844.102 | 883.4915 | 1756.786 |
| #3 | 1017.396 | 24528.92 | 2840.101 | 884.7956 | 1755.301 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-17DLX2 Acquired: 10/31/2024 2:31:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4796598 | -.055636 | .0726706 | -.005039 | .0111890 | 152.6557 | 1.439962 |
| Stddev | .0062947 | .005156 | .0035650 | .007499 | .0039157 | .4219 | .006571 |
| %RSD | 1.312333 | 9.268270 | 4.905682 | 148.8188 | 34.99566 | .2763798 | .4563403 |
| #1 | .4868615 | -.057729 | .0757302 | -.012386 | .0075880 | 153.1374 | 1.447453 |
| #2 | .4769103 | -.059417 | .0687558 | .002603 | .0153574 | 152.3516 | 1.437261 |
| #3 | .4752076 | -.049762 | .0735258 | -.005333 | .0106216 | 152.4781 | 1.435172 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0063091 | .0155632 | 405.1076 | 2.219868 | .3932134 | .5760293 | 410.2651 |
| Stddev | .0001246 | .0002371 | 1.2698 | .001627 | .0012901 | .0013987 | 1.9230 |
| %RSD | 1.974401 | 1.523268 | .3134517 | .0732948 | .3280829 | .2428104 | .4687180 |
| #1 | .0064189 | .0153453 | 406.3953 | 2.218150 | .3931236 | .5746747 | 412.3852 |
| #2 | .0063347 | .0158156 | 403.8565 | 2.221386 | .3919706 | .5759451 | 408.6336 |
| #3 | .0061738 | .0155287 | 405.0712 | 2.220067 | .3945460 | .5774682 | 409.7764 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.56214 | 151.6479 | 1.552530 | -.031111 | 1.833354 | 1.076676 | .5183162 |
| Stddev | .05667 | .6691 | .002364 | .000228 | .267790 | .017043 | .0008301 |
| %RSD | .3226952 | .4412042 | .1522609 | .7314061 | 14.60658 | 1.582973 | .1601616 |
| #1 | 17.62728 | 152.4105 | 1.549913 | -.030917 | 1.740616 | 1.070421 | .5192652 |
| #2 | 17.52416 | 151.1593 | 1.553168 | -.031361 | 1.624260 | 1.063644 | .5177243 |
| #3 | 17.53498 | 151.3738 | 1.554509 | -.031055 | 2.135186 | 1.095963 | .5179593 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.019173 | 3.385964 | .3237121 | -.003529 | .1565051 | 6.300715 | .0027729 |
| Stddev | .036806 | .007447 | .0025969 | .000253 | .0163947 | .023876 | .0020144 |
| %RSD | 1.822850 | .2199493 | .8022141 | 7.161363 | 10.47550 | .3789421 | 72.64677 |
| #1 | 1.988926 | 3.377572 | .3266884 | -.003800 | .1708041 | 6.322067 | .0050333 |
| #2 | 2.008440 | 3.388535 | .3219079 | -.003486 | .1600998 | 6.274935 | .0011674 |
| #3 | 2.060153 | 3.391785 | .3225400 | -.003300 | .1386113 | 6.305145 | .0021181 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-17DLX2 Acquired: 10/31/2024 2:31:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.405965 | .1849040 | .3829672 |
| Stddev | .006321 | .0008868 | .0019513 |
| %RSD | .1855811 | .4796218 | .5095201 |
| | | | |
| #1 | 3.413123 | .1838916 | .3852067 |
| #2 | 3.403619 | .1855436 | .3820620 |
| #3 | 3.401151 | .1852767 | .3816330 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 965.6847 | 24156.99 | 2858.588 | 839.5438 | 1556.949 |
| Stddev | 2.8040 | 49.55 | 14.452 | 3.4618 | 1.143 |
| %RSD | .2903642 | .2051085 | .5055803 | .4123418 | .0734280 |
| | | | | | |
| #1 | 962.6978 | 24114.36 | 2844.353 | 835.5986 | 1555.667 |
| #2 | 968.2604 | 24145.26 | 2873.248 | 840.9590 | 1557.862 |
| #3 | 966.0960 | 24211.35 | 2858.163 | 842.0738 | 1557.317 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-18DLX2 Acquired: 10/31/2024 2:35:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2419581 | -.029408 | .2750086 | -.000498 | .0031043 | 110.6404 | 1.474221 |
| Stddev | .0049693 | .003802 | .0000906 | .010031 | .0045281 | .2548 | .004223 |
| %RSD | 2.053786 | 12.92975 | .0329588 | 2014.592 | 145.8652 | .2303068 | .2864252 |
| #1 | .2464311 | -.033711 | .2750836 | -.002836 | .0080431 | 110.4636 | 1.473919 |
| #2 | .2428342 | -.028015 | .2749079 | -.009154 | -.000852 | 110.5250 | 1.470157 |
| #3 | .2366090 | -.026499 | .2750342 | .010496 | .002122 | 110.9324 | 1.478586 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0065361 | .0115589 | 26.83779 | .2293151 | .1498343 | .6771961 | 231.0456 |
| Stddev | .0002015 | .0002187 | .13454 | .0020718 | .0007572 | .0027529 | .7022 |
| %RSD | 3.083296 | 1.892026 | .5013049 | .9034741 | .5053811 | .4065095 | .3039254 |
| #1 | .0067567 | .0117296 | 26.68498 | .2269254 | .1507054 | .6786206 | 230.3501 |
| #2 | .0063617 | .0113124 | 26.88993 | .2304127 | .1493334 | .6789448 | 231.0325 |
| #3 | .0064899 | .0116348 | 26.93844 | .2306072 | .1494640 | .6740229 | 231.7544 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.884832 | 52.76129 | .2809876 | -.025256 | 1.305781 | .4450200 | .7503448 |
| Stddev | .011573 | .25751 | .0005073 | .000290 | .165514 | .0048427 | .0044582 |
| %RSD | .1467762 | .4880637 | .1805405 | 1.148325 | 12.67545 | 1.088197 | .5941551 |
| #1 | 7.886805 | 52.51913 | .2804062 | -.024922 | 1.462464 | .4407520 | .7554800 |
| #2 | 7.872399 | 52.73295 | .2812167 | -.025404 | 1.132663 | .4440252 | .7474637 |
| #3 | 7.895291 | 53.03180 | .2813400 | -.025443 | 1.322216 | .4502829 | .7480907 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.56303 | 6.148131 | .1981127 | -.000538 | 1.284282 | 6.248410 | .0094996 |
| Stddev | .22174 | .015240 | .0029262 | .000372 | .004090 | .009290 | .0014570 |
| %RSD | .8347846 | .2478734 | 1.477034 | 69.03682 | .3184784 | .1486819 | 15.33712 |
| #1 | 26.32169 | 6.154968 | .1947338 | -.000545 | 1.288817 | 6.239661 | .0079612 |
| #2 | 26.60963 | 6.130670 | .1998102 | -.000164 | 1.283156 | 6.247409 | .0096792 |
| #3 | 26.75777 | 6.158754 | .1997941 | -.000907 | 1.280873 | 6.258160 | .0108585 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-18DLX2 Acquired: 10/31/2024 2:35:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.453432 | .0910526 | .2247276 |
| Stddev | .003066 | .0013518 | .0006452 |
| %RSD | .1249521 | 1.484696 | .2870983 |
| | | | |
| #1 | 2.450392 | .0894917 | .2240840 |
| #2 | 2.456523 | .0918451 | .2247245 |
| #3 | 2.453381 | .0918209 | .2253743 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1034.933 | 24915.19 | 2936.881 | 892.4385 | 1720.637 |
| Stddev | 2.357 | 27.69 | 8.479 | 4.6238 | 1.734 |
| %RSD | .2277451 | .1111466 | .2887100 | .5181135 | .1007694 |
| | | | | | |
| #1 | 1032.593 | 24943.06 | 2946.664 | 887.1056 | 1719.122 |
| #2 | 1034.899 | 24914.82 | 2932.324 | 895.3297 | 1720.261 |
| #3 | 1037.306 | 24887.68 | 2931.654 | 894.8801 | 1722.528 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-19DLX2 Acquired: 10/31/2024 2:39:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1674120 | -.021877 | .2061262 | .0039095 | .0052899 | 67.51503 | .9399893 |
| Stddev | .0042040 | .005050 | .0041021 | .0054225 | .0020797 | .03620 | .0022287 |
| %RSD | 2.511189 | 23.08140 | 1.990095 | 138.7014 | 39.31510 | .0536246 | .2371019 |
| #1 | .1667899 | -.020180 | .2066388 | .0054667 | .0033737 | 67.47645 | .9374159 |
| #2 | .1635536 | -.027557 | .2099479 | .0083829 | .0075015 | 67.52035 | .9412987 |
| #3 | .1718924 | -.017895 | .2017919 | -.002121 | .0049944 | 67.54827 | .9412532 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047064 | .0079740 | 13.76966 | .1461807 | .0947227 | .4645366 | 165.1104 |
| Stddev | .0000728 | .0000822 | .06203 | .0013810 | .0006961 | .0027922 | .2348 |
| %RSD | 1.546743 | 1.030414 | .4505007 | .9447253 | .7348935 | .6010755 | .1421836 |
| #1 | .0047719 | .0080559 | 13.77568 | .1477033 | .0951348 | .4656587 | 165.2258 |
| #2 | .0047193 | .0079743 | 13.70483 | .1458299 | .0951144 | .4613579 | 164.8403 |
| #3 | .0046280 | .0078916 | 13.82846 | .1450089 | .0939190 | .4665932 | 165.2651 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.537367 | 33.67871 | .1712419 | -.020603 | .8549313 | .3121066 | .5966988 |
| Stddev | .010256 | .28899 | .0008298 | .000689 | .0903674 | .0060041 | .0018450 |
| %RSD | .2260313 | .8580730 | .4845525 | 3.343991 | 10.57013 | 1.923745 | .3092071 |
| #1 | 4.526602 | 33.35327 | .1711556 | -.020039 | .9591739 | .3175801 | .5987122 |
| #2 | 4.547024 | 33.77756 | .1704587 | -.020400 | .7987634 | .3130551 | .5950889 |
| #3 | 4.538476 | 33.90530 | .1721114 | -.021371 | .8068566 | .3056847 | .5962953 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.51734 | 3.665176 | .1372672 | -.000965 | .8368010 | 6.299061 | .0114756 |
| Stddev | .06896 | .005530 | .0015512 | .000051 | .0087696 | .019021 | .0001859 |
| %RSD | .4444244 | .1508786 | 1.130089 | 5.332468 | 1.047994 | .3019688 | 1.619941 |
| #1 | 15.46382 | 3.658843 | .1377509 | -.000911 | .8284709 | 6.306877 | .0113394 |
| #2 | 15.59516 | 3.667634 | .1385190 | -.000972 | .8459524 | 6.277377 | .0116874 |
| #3 | 15.49302 | 3.669050 | .1355318 | -.001013 | .8359798 | 6.312929 | .0114000 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-19DLX2 Acquired: 10/31/2024 2:39:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.733562 | .0551717 | .1247248 |
| Stddev | .004912 | .0015946 | .0001038 |
| %RSD | .2833546 | 2.890301 | .0832357 |
| | | | |
| #1 | 1.735720 | .0553794 | .1248411 |
| #2 | 1.727940 | .0566523 | .1246415 |
| #3 | 1.737025 | .0534834 | .1246918 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.106 | 24667.10 | 2859.358 | 886.8835 | 1800.910 |
| Stddev | 1.527 | 62.26 | 3.672 | 2.3489 | 1.421 |
| %RSD | .1486817 | .2524067 | .1284288 | .2648535 | .0789047 |
| | | | | | |
| #1 | 1025.428 | 24630.95 | 2855.165 | 884.3175 | 1799.562 |
| #2 | 1028.413 | 24631.35 | 2862.001 | 887.4051 | 1800.775 |
| #3 | 1027.477 | 24738.99 | 2860.909 | 888.9277 | 1802.394 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-20DLX2 Acquired: 10/31/2024 2:44:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Q0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3154722 | -.047376 | .1429625 | -.005321 | .0100476 | 152.9435 | .6465187 |
| Stddev | .0044839 | .005756 | .0037892 | .009546 | .0018609 | .3426 | .0012820 |
| %RSD | 1.421340 | 12.14914 | 2.650486 | 179.4066 | 18.52034 | .2240324 | .1982907 |
| #1 | .3143160 | -.042121 | .1402487 | -.015678 | .0084433 | 152.6545 | .6453124 |
| #2 | .3116796 | -.046480 | .1413472 | .003124 | .0096118 | 152.8540 | .6463789 |
| #3 | .3204210 | -.053527 | .1472917 | -.003408 | .0120877 | 153.3220 | .6478649 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0065875 | .0162406 | 45.14355 | .1094993 | .2570115 | .5443380 | 357.7651 |
| Stddev | .0002346 | .0002850 | .15243 | .0011254 | .0002424 | .0041752 | .7559 |
| %RSD | 3.561952 | 1.754965 | .3376666 | 1.027763 | .0943315 | .7670263 | .2112913 |
| #1 | .0068577 | .0164345 | 44.96867 | .1083682 | .2567332 | .5491435 | 356.9854 |
| #2 | .0064352 | .0159134 | 45.21364 | .1095109 | .2571244 | .5415997 | 357.8152 |
| #3 | .0064696 | .0163740 | 45.24832 | .1106189 | .2571769 | .5422707 | 358.4947 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.710069 | 62.26140 | .1308913 | -.029546 | 2.493447 | .6232425 | 1.323051 |
| Stddev | .008265 | .24990 | .0002157 | .000448 | .104053 | .0056007 | .006832 |
| %RSD | .0851181 | .4013668 | .1647820 | 1.517864 | 4.173070 | .8986469 | .5163784 |
| #1 | 9.701702 | 62.00185 | .1311400 | -.029069 | 2.533812 | .6246984 | 1.325078 |
| #2 | 9.710277 | 62.50038 | .1307786 | -.029959 | 2.571271 | .6170575 | 1.315435 |
| #3 | 9.718229 | 62.28196 | .1307553 | -.029611 | 2.375259 | .6279715 | 1.328641 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.024761 | 3.500695 | .2829187 | -.001336 | .2182246 | 5.704472 | .0065384 |
| Stddev | .078046 | .006243 | .0017467 | .000533 | .0102814 | .023548 | .0005864 |
| %RSD | 1.553235 | .1783251 | .6174014 | 39.90640 | 4.711407 | .4128015 | 8.968973 |
| #1 | 5.023365 | 3.507853 | .2846305 | -.000780 | .2283042 | 5.677759 | .0066658 |
| #2 | 4.947422 | 3.497853 | .2811390 | -.001843 | .2077526 | 5.713432 | .0070506 |
| #3 | 5.103496 | 3.496379 | .2829866 | -.001386 | .2186171 | 5.722225 | .0058987 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-20DLX2 Acquired: 10/31/2024 2:44:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Q0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.290863 | .0780361 | .3158634 |
| Stddev | .005916 | .0018542 | .0010540 |
| %RSD | .1118172 | 2.376133 | .3336846 |
| | | | |
| #1 | 5.287542 | .0768361 | .3150545 |
| #2 | 5.287353 | .0771005 | .3154804 |
| #3 | 5.297694 | .0801717 | .3170554 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1000.673 | 24172.64 | 2827.211 | 865.3163 | 1701.743 |
| Stddev | 1.166 | 26.24 | 13.576 | 2.8912 | 3.792 |
| %RSD | .1165662 | .1085614 | .4802008 | .3341182 | .2228401 |
| | | | | | |
| #1 | 1001.757 | 24200.16 | 2840.053 | 863.2438 | 1699.485 |
| #2 | 1000.824 | 24169.84 | 2813.004 | 868.6191 | 1706.121 |
| #3 | 999.439 | 24147.90 | 2828.576 | 864.0859 | 1699.622 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-21DLX2 Acquired: 10/31/2024 2:48:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Q1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2458936 | -.027226 | .2204496 | -.002859 | .0022872 | 85.78323 | 1.232713 |
| Stddev | .0105494 | .003270 | .0032193 | .001005 | .0036610 | .18224 | .001077 |
| %RSD | 4.290213 | 12.00917 | 1.460354 | 35.14852 | 160.0644 | .2124419 | .0873483 |
| #1 | .2467376 | -.029121 | .2192426 | -.003878 | .0065083 | 85.77605 | 1.232008 |
| #2 | .2559956 | -.029106 | .2180081 | -.002829 | -.000022 | 85.96895 | 1.233952 |
| #3 | .2349476 | -.023450 | .2240980 | -.001869 | .000376 | 85.60468 | 1.232178 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054573 | .0091543 | 16.19395 | .1852550 | .1307556 | .5934500 | 207.2623 |
| Stddev | .0001125 | .0000681 | .09615 | .0008730 | .0000742 | .0059418 | .6397 |
| %RSD | 2.061848 | .7442338 | .5937231 | .4712353 | .0567442 | 1.001227 | .3086285 |
| #1 | .0054255 | .0090759 | 16.12202 | .1862550 | .1308405 | .6003039 | 207.3005 |
| #2 | .0053641 | .0091993 | 16.30315 | .1846452 | .1307226 | .5897532 | 207.8820 |
| #3 | .0055823 | .0091877 | 16.15668 | .1848647 | .1307035 | .5902929 | 206.6044 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.250384 | 44.33439 | .2383908 | -.023128 | .8682381 | .4192993 | .5123828 |
| Stddev | .022494 | .21323 | .0004443 | .000941 | .1491501 | .0069352 | .0006149 |
| %RSD | .3598886 | .4809568 | .1863943 | 4.067778 | 17.17847 | 1.654006 | .1200040 |
| #1 | 6.255664 | 44.12525 | .2384285 | -.022377 | .9864906 | .4219821 | .5124259 |
| #2 | 6.269768 | 44.55148 | .2379288 | -.022824 | .9175461 | .4244923 | .5117475 |
| #3 | 6.225719 | 44.32645 | .2388151 | -.024183 | .7006776 | .4114234 | .5129750 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.33658 | 3.865762 | .1698207 | -.000798 | .4485007 | 6.796037 | .0097558 |
| Stddev | .11960 | .006323 | .0007231 | .000857 | .0025826 | .018504 | .0022386 |
| %RSD | .7321245 | .1635594 | .4258261 | 107.4006 | .5758333 | .2722816 | 22.94642 |
| #1 | 16.23889 | 3.862426 | .1699525 | -.001625 | .4485857 | 6.788338 | .0093000 |
| #2 | 16.46997 | 3.861806 | .1690407 | -.000855 | .4458767 | 6.817148 | .0077801 |
| #3 | 16.30088 | 3.873054 | .1704689 | .000086 | .4510398 | 6.782625 | .0121872 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4519-21DLX2 Acquired: 10/31/2024 2:48:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4Q1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.152025 | .0712301 | .1540167 |
| Stddev | .003971 | .0017976 | .0006116 |
| %RSD | .1845412 | 2.523589 | .3970751 |
| | | | |
| #1 | 2.154484 | .0694704 | .1542204 |
| #2 | 2.154147 | .0730632 | .1545003 |
| #3 | 2.147443 | .0711567 | .1533292 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1014.948 | 24545.90 | 2843.913 | 882.5753 | 1745.083 |
| Stddev | .959 | 104.36 | 10.949 | 2.9285 | 3.546 |
| %RSD | .0945201 | .4251683 | .3849836 | .3318136 | .2032169 |
| | | | | | |
| #1 | 1015.683 | 24463.71 | 2845.826 | 879.4215 | 1741.766 |
| #2 | 1015.299 | 24510.68 | 2832.134 | 885.2087 | 1748.821 |
| #3 | 1013.863 | 24663.32 | 2853.779 | 883.0959 | 1744.662 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BL Acquired: 10/31/2024 2:53:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS457 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002140 | .0042071 | .0013133 | .0011097 | .0017110 | .0063906 | -.003177 |
| Stddev | .001749 | .0009644 | .0006840 | .0050146 | .0017277 | .0105272 | .000377 |
| %RSD | 81.74909 | 22.92393 | 52.08025 | 451.8963 | 100.9746 | 164.7295 | 11.86919 |
| | | | | | | | |
| #1 | -.002658 | .0036944 | .0019448 | -.001188 | .0031230 | .0168622 | -.003545 |
| #2 | -.000190 | .0053196 | .0014083 | .006861 | .0022256 | .0065010 | -.003194 |
| #3 | -.003571 | .0036074 | .0005868 | -.002344 | -.000216 | -.004191 | -.002791 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000074 | -.000181 | -.001305 | -.001492 | .0001904 | -.003823 | -.004982 |
| Stddev | .000070 | .000090 | .003016 | .000772 | .0000909 | .005177 | .026021 |
| %RSD | 95.05472 | 49.56703 | 231.0691 | 51.71571 | 47.75664 | 135.4024 | 522.2847 |
| | | | | | | | |
| #1 | -.000053 | -.000174 | -.000323 | -.001528 | .0001025 | -.009662 | -.033776 |
| #2 | -.000016 | -.000095 | -.004690 | -.000703 | .0002841 | .000205 | .016849 |
| #3 | -.000152 | -.000274 | .001098 | -.002245 | .0001846 | -.002012 | .001981 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000018 | -.055392 | -.000389 | -.006172 | -.304350 | -.004684 | -.000866 |
| Stddev | .000633 | .058185 | .000383 | .000514 | .268042 | .008560 | .000064 |
| %RSD | 3445.517 | 105.0411 | 98.31240 | 8.323740 | 88.07036 | 182.7605 | 7.392686 |
| | | | | | | | |
| #1 | .000467 | -.013422 | -.000823 | -.006175 | -.376219 | .005198 | -.000939 |
| #2 | -.000734 | -.030942 | -.000098 | -.006684 | -.529131 | -.009813 | -.000842 |
| #3 | .000211 | -.121812 | -.000247 | -.005657 | -.007700 | -.009437 | -.000818 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1506512 | -.001304 | -.004872 | -.000294 | -.004607 | .0017241 | .0000654 |
| Stddev | .0557879 | .001765 | .000888 | .000328 | .008238 | .0000956 | .0017418 |
| %RSD | 37.03115 | 135.4187 | 18.22404 | 111.5189 | 178.8237 | 5.543987 | 2664.484 |
| | | | | | | | |
| #1 | .0942238 | .000387 | -.005869 | -.000284 | -.002413 | .0016464 | -.001057 |
| #2 | .2057768 | -.003136 | -.004577 | .000028 | .002312 | .0018308 | .002072 |
| #3 | .1519528 | -.001162 | -.004169 | -.000628 | -.013719 | .0016951 | -.000819 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BL Acquired: 10/31/2024 2:53:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS457 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0006732 | -.001985 | -.000170 |
| Stddev | .0023060 | .001661 | .000017 |
| %RSD | 342.5178 | 83.64837 | 9.726553 |
| | | | |
| #1 | -.001424 | -.000808 | -.000155 |
| #2 | .000301 | -.003885 | -.000188 |
| #3 | .003143 | -.001264 | -.000167 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 973.0874 | 23232.24 | 2663.750 | 844.7594 | 1866.533 |
| Stddev | .9284 | 78.97 | 10.217 | 3.5633 | 1.552 |
| %RSD | .0954103 | .3398991 | .3835416 | .4218127 | .0831586 |
| | | | | | |
| #1 | 973.6016 | 23217.23 | 2664.150 | 846.0867 | 1865.538 |
| #2 | 972.0156 | 23317.64 | 2673.761 | 847.4686 | 1868.321 |
| #3 | 973.6449 | 23161.86 | 2653.339 | 840.7230 | 1865.739 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BS Acquired: 10/31/2024 2:57:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS457 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0163741 | .0552473 | .0199075 | .0711353 | .1168141 | .3957257 |
| Stddev | .0041864 | .0024979 | .0047129 | .0023478 | .0019957 | .0131479 |
| %RSD | 25.56733 | 4.521334 | 23.67416 | 3.300520 | 1.708453 | 3.322484 |
| | | | | | | |
| #1 | .0122537 | .0563423 | .0148803 | .0717522 | .1147830 | .4108149 |
| #2 | .0206236 | .0570106 | .0242258 | .0731131 | .1187724 | .3896318 |
| #3 | .0162451 | .0523889 | .0206163 | .0685406 | .1168871 | .3867304 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4454300 | .0119692 | .0111924 | 11.19816 | .0220327 | .1062988 |
| Stddev | .0007362 | .0001400 | .0000274 | .03404 | .0007265 | .0005194 |
| %RSD | .1652759 | 1.170114 | .2445342 | .3040062 | 3.297482 | .4886606 |
| | | | | | | |
| #1 | .4445838 | .0121262 | .0112168 | 11.20523 | .0226758 | .1062575 |
| #2 | .4459229 | .0118570 | .0111628 | 11.22811 | .0221778 | .1058013 |
| #3 | .4457833 | .0119244 | .0111976 | 11.16113 | .0212446 | .1068377 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0503605 | .2226678 | .0338805 | 11.07171 | .0886815 | .0186487 |
| Stddev | .0074895 | .0300270 | .0014791 | .11733 | .0004364 | .0007822 |
| %RSD | 14.87178 | 13.48511 | 4.365641 | 1.059721 | .4921373 | 4.194178 |
| | | | | | | |
| #1 | .0590053 | .2084329 | .0330015 | 10.98389 | .0881929 | .0177525 |
| #2 | .0462480 | .2024056 | .0330518 | 11.20496 | .0888186 | .0189999 |
| #3 | .0458283 | .2571649 | .0355882 | 11.02628 | .0890328 | .0191938 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.65903 | .1208683 | .1179097 | 10.30052 | .0157794 | F -.004481 |
| Stddev | .48489 | .0084862 | .0006442 | .09557 | .0013906 | .000397 |
| %RSD | 4.549063 | 7.020995 | .5463592 | .9277911 | 8.812832 | 8.849847 |
| | | | | | | |
| #1 | 10.90391 | .1156724 | .1171960 | 10.39854 | .0143914 | -.004042 |
| #2 | 10.97265 | .1162714 | .1180849 | 10.20762 | .0157743 | -.004589 |
| #3 | 10.10055 | .1306612 | .1184482 | 10.29541 | .0171726 | -.004813 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BS Acquired: 10/31/2024 2:57:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS457 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .0196478 | .1854425 | F .4643793 | .0163503 | .2146587 | .0285846 |
| Stddev | .0008128 | .0046977 | .0019462 | .0014068 | .0016779 | .0006494 |
| %RSD | 4.136801 | 2.533253 | .4190997 | 8.604307 | .7816783 | 2.271840 |
| #1 | .0191145 | .1869520 | .4649622 | .0168951 | .2144958 | .0292193 |
| #2 | .0205832 | .1801756 | .4659674 | .0174033 | .2164121 | .0286129 |
| #3 | .0192455 | .1892000 | .4622082 | .0147526 | .2130681 | .0279215 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2207338 |
| Stddev | .0001323 |
| %RSD | .0599328 |
| #1 | .2206732 |
| #2 | .2206427 |
| #3 | .2208855 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 967.3467 | 23022.63 | 2657.080 | 837.9573 | 1822.604 |
| Stddev | 1.7784 | 5.35 | 12.914 | 3.1490 | .196 |
| %RSD | .1838461 | .0232404 | .4860113 | .3757944 | .0107530 |
| #1 | 969.4003 | 23023.48 | 2650.882 | 839.9990 | 1822.592 |
| #2 | 966.3274 | 23016.91 | 2648.433 | 834.3307 | 1822.414 |
| #3 | 966.3126 | 23027.51 | 2671.924 | 839.5422 | 1822.805 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BSD Acquired: 10/31/2024 3:02:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD457 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0071227 | .0298776 | .0118060 | .0310451 | .0580020 | .1862647 | .2214239 |
| Stddev | .0030461 | .0018608 | .0010583 | .0021410 | .0026816 | .0185567 | .0014803 |
| %RSD | 42.76603 | 6.228144 | 8.964132 | 6.896463 | 4.623216 | 9.962546 | .6685400 |
| #1 | .0070109 | .0300019 | .0108829 | .0293828 | .0554432 | .2066999 | .2230781 |
| #2 | .0102232 | .0316732 | .0129611 | .0302914 | .0577712 | .1816287 | .2202238 |
| #3 | .0041341 | .0279578 | .0115741 | .0334610 | .0607914 | .1704655 | .2209699 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058886 | .0055931 | 5.519668 | .0098148 | .0527899 | .0256732 | .0868697 |
| Stddev | .0001861 | .0000665 | .020619 | .0005151 | .0001385 | .0012542 | .0306035 |
| %RSD | 3.161093 | 1.189028 | .3735638 | 5.248680 | .2623186 | 4.885195 | 35.22916 |
| #1 | .0060427 | .0055238 | 5.502123 | .0099569 | .0529485 | .0245235 | .1139341 |
| #2 | .0056818 | .0055992 | 5.514502 | .0092435 | .0527282 | .0254854 | .0930152 |
| #3 | .0059413 | .0056564 | 5.542379 | .0102439 | .0526931 | .0270107 | .0536598 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0168515 | 5.334788 | .0434599 | .0071741 | 5.338046 | .0641169 | .0595471 |
| Stddev | .0003368 | .005619 | .0006810 | .0009700 | .052555 | .0109337 | .0003656 |
| %RSD | 1.998659 | .1053270 | 1.567039 | 13.52022 | .9845400 | 17.05275 | .6139251 |
| #1 | .0164851 | 5.331724 | .0438797 | .0072984 | 5.388933 | .0705194 | .0592397 |
| #2 | .0171477 | 5.331368 | .0438258 | .0061479 | 5.283968 | .0703392 | .0594503 |
| #3 | .0169216 | 5.341273 | .0426741 | .0080758 | 5.341236 | .0514922 | .0599514 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.164421 | .0040246 | -.006524 | .0098789 | .0866406 | .2310957 | .0080063 |
| Stddev | .160302 | .0024953 | .000876 | .0002610 | .0003994 | .0016003 | .0016712 |
| %RSD | 3.103960 | 62.00164 | 13.43307 | 2.642516 | .4609848 | .6924654 | 20.87328 |
| #1 | 5.215364 | .0047301 | -.005522 | .0096430 | .0868180 | .2311268 | .0061363 |
| #2 | 4.984839 | .0060912 | -.007146 | .0101593 | .0861832 | .2326802 | .0093537 |
| #3 | 5.293061 | .0012525 | -.006904 | .0098343 | .0869205 | .2294802 | .0085289 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164457BSD Acquired: 10/31/2024 3:02:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD457 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1056622 | .0142359 | .1098160 |
| Stddev | .0020588 | .0019790 | .0004864 |
| %RSD | 1.948445 | 13.90159 | .4429219 |
| | | | |
| #1 | .1078370 | .0120152 | .1101270 |
| #2 | .1037434 | .0148796 | .1092555 |
| #3 | .1054061 | .0158129 | .1100655 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 974.0128 | 23020.30 | 2656.127 | 833.5689 | 1848.901 |
| Stddev | 1.2380 | 91.64 | 11.621 | 1.8676 | 3.225 |
| %RSD | .1271010 | .3980798 | .4375106 | .2240447 | .1744021 |
| | | | | | |
| #1 | 975.3661 | 22984.79 | 2644.111 | 831.5934 | 1845.205 |
| #2 | 972.9374 | 23124.38 | 2656.964 | 835.3056 | 1850.354 |
| #3 | 973.7349 | 22951.73 | 2667.307 | 833.8077 | 1851.143 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-01DLX2 Acquired: 10/31/2024 3:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1669119 | -.027659 | .1666493 | -.005014 | .0048645 | 95.08357 | .9899891 |
| Stddev | .0039636 | .003192 | .0016110 | .004949 | .0048230 | .28045 | .0019159 |
| %RSD | 2.374639 | 11.54095 | .9667019 | 98.70639 | 99.14736 | .2949519 | .1935226 |
| #1 | .1637039 | -.024853 | .1670615 | .000027 | .0103637 | 94.81977 | .9888089 |
| #2 | .1713428 | -.026993 | .1648722 | -.009866 | .0013529 | 95.05279 | .9889588 |
| #3 | .1656891 | -.031132 | .1680141 | -.005204 | .0028769 | 95.37814 | .9921996 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052101 | .0086462 | 36.62873 | .2411813 | .1180483 | .5396970 | 205.0944 |
| Stddev | .0001104 | .0003578 | .12199 | .0007155 | .0012275 | .0026100 | .7116 |
| %RSD | 2.118665 | 4.138212 | .3330407 | .2966515 | 1.039862 | .4836072 | .3469619 |
| #1 | .0053375 | .0083179 | 36.52162 | .2405829 | .1169560 | .5378222 | 204.4867 |
| #2 | .0051513 | .0090276 | 36.60306 | .2419738 | .1178121 | .5385908 | 204.9194 |
| #3 | .0051416 | .0085930 | 36.76151 | .2409873 | .1193767 | .5426779 | 205.8772 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.227261 | 45.53905 | .2201709 | -.021166 | 3.140874 | .4058226 | .5356528 |
| Stddev | .010257 | .44862 | .0013664 | .000466 | .082241 | .0130234 | .0030618 |
| %RSD | .1962269 | .9851220 | .6206139 | 2.203030 | 2.618407 | 3.209127 | .5715939 |
| #1 | 5.215509 | 45.02105 | .2197320 | -.021253 | 3.092764 | .3939971 | .5346100 |
| #2 | 5.231864 | 45.79442 | .2190778 | -.021583 | 3.094023 | .4036901 | .5390997 |
| #3 | 5.234411 | 45.80168 | .2217028 | -.020663 | 3.235835 | .4197806 | .5332486 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 29.38807 | 6.495042 | .1897782 | -.000364 | 1.372786 | 3.761528 | .0062431 |
| Stddev | .11325 | .017246 | .0004594 | .000684 | .001636 | .024035 | .0011710 |
| %RSD | .3853510 | .2655324 | .2420636 | 187.9008 | .1191469 | .6389616 | 18.75612 |
| #1 | 29.28131 | 6.484058 | .1899350 | -.000357 | 1.372006 | 3.734774 | .0066233 |
| #2 | 29.50685 | 6.514920 | .1901387 | .000316 | 1.374666 | 3.768514 | .0071767 |
| #3 | 29.37605 | 6.486149 | .1892610 | -.001052 | 1.371687 | 3.781296 | .0049293 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-01DLX2 Acquired: 10/31/2024 3:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.764767 | .0636901 | .2043041 |
| Stddev | .005710 | .0011250 | .0004392 |
| %RSD | .2065353 | 1.766289 | .2149747 |
| | | | |
| #1 | 2.758321 | .0644940 | .2037970 |
| #2 | 2.766790 | .0641717 | .2045505 |
| #3 | 2.769190 | .0624045 | .2045647 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1022.343 | 24498.31 | 2878.012 | 881.2801 | 1731.452 |
| Stddev | .935 | 39.99 | 12.302 | 1.0191 | .696 |
| %RSD | .0914760 | .1632401 | .4274543 | .1156344 | .0401919 |
| | | | | | |
| #1 | 1022.020 | 24452.29 | 2891.894 | 882.1942 | 1730.683 |
| #2 | 1023.397 | 24524.59 | 2873.681 | 880.1813 | 1732.038 |
| #3 | 1021.613 | 24518.06 | 2868.461 | 881.4647 | 1731.635 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-02DLX2 Acquired: 10/31/2024 3:11:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3114725 | -.032889 | .2921602 | -.004013 | .0102662 | 90.15324 | 1.157259 |
| Stddev | .0023655 | .001997 | .0020060 | .002795 | .0021949 | .05019 | .001529 |
| %RSD | .7594480 | 6.072898 | .6866217 | 69.66184 | 21.37965 | .0556697 | .1321208 |
| #1 | .3140342 | -.030608 | .2898912 | -.006769 | .0127629 | 90.16288 | 1.155680 |
| #2 | .3110124 | -.034325 | .2936984 | -.001180 | .0093947 | 90.09893 | 1.157366 |
| #3 | .3093709 | -.033734 | .2928908 | -.004089 | .0086409 | 90.19791 | 1.158732 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0066371 | .0123969 | 13.89744 | .2170046 | .1401864 | .6543546 | 271.6454 |
| Stddev | .0001974 | .0001962 | .05571 | .0006977 | .0004854 | .0057272 | .2910 |
| %RSD | 2.974125 | 1.582734 | .4008400 | .3215151 | .3462745 | .8752389 | .1071377 |
| #1 | .0068440 | .0123843 | 13.96176 | .2163519 | .1398569 | .6587462 | 271.9759 |
| #2 | .0066165 | .0122073 | 13.86603 | .2169220 | .1399585 | .6564408 | 271.5328 |
| #3 | .0064509 | .0125991 | 13.86453 | .2177400 | .1407439 | .6478768 | 271.4274 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.309245 | 46.08086 | .2497162 | -.027276 | 1.092739 | .4951448 | .7915820 |
| Stddev | .014026 | .12530 | .0015102 | .000321 | .108600 | .0047221 | .0037595 |
| %RSD | .2223082 | .2719145 | .6047799 | 1.177027 | 9.938363 | .9536871 | .4749289 |
| #1 | 6.307254 | 46.22519 | .2513477 | -.027435 | 1.217154 | .4904892 | .7876383 |
| #2 | 6.296320 | 46.01749 | .2483671 | -.027485 | 1.016946 | .4950144 | .7919825 |
| #3 | 6.324160 | 45.99990 | .2494338 | -.026906 | 1.044115 | .4999307 | .7951251 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.09750 | 4.946248 | .2217577 | .0002624 | .6528980 | 3.132923 | .0118116 |
| Stddev | .04760 | .013523 | .0016405 | .0002523 | .0068484 | .013316 | .0007609 |
| %RSD | .2630432 | .2733961 | .7397738 | 96.18265 | 1.048922 | .4250382 | 6.441787 |
| #1 | 18.06572 | 4.956735 | .2222578 | -.000013 | .6453116 | 3.141686 | .0115132 |
| #2 | 18.07456 | 4.930985 | .2230899 | .000483 | .6547587 | 3.117600 | .0112451 |
| #3 | 18.15223 | 4.951023 | .2199253 | .000316 | .6586238 | 3.139484 | .0126764 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-02DLX2 Acquired: 10/31/2024 3:11:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.272956 | .0757952 | .1459978 |
| Stddev | .003135 | .0004725 | .0000268 |
| %RSD | .1379291 | .6233901 | .0183758 |
| | | | |
| #1 | 2.276249 | .0761468 | .1460013 |
| #2 | 2.272611 | .0752581 | .1459694 |
| #3 | 2.270007 | .0759807 | .1460227 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1014.657 | 24428.14 | 2857.038 | 877.3024 | 1743.975 |
| Stddev | 1.598 | 21.74 | 13.162 | 1.1638 | 2.920 |
| %RSD | .1574595 | .0889958 | .4606913 | .1326610 | .1674340 |
| | | | | | |
| #1 | 1016.403 | 24413.14 | 2844.586 | 877.0717 | 1746.042 |
| #2 | 1013.268 | 24418.20 | 2870.811 | 878.5643 | 1745.249 |
| #3 | 1014.301 | 24453.07 | 2855.719 | 876.2712 | 1740.635 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-03DLX2 Acquired: 10/31/2024 3:15:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.010379 | -.055882 | .1014930 | -.005661 | .0170367 | 135.7877 | 1.458583 |
| Stddev | .012840 | .004667 | .0025429 | .012744 | .0029451 | .2370 | .001653 |
| %RSD | 1.270837 | 8.351963 | 2.505472 | 225.1259 | 17.28664 | .1745015 | .1133298 |
| #1 | .996233 | -.050509 | .1040915 | -.019581 | .0142119 | 135.6896 | 1.459250 |
| #2 | 1.021297 | -.058205 | .0990097 | .005432 | .0200889 | 135.6156 | 1.456701 |
| #3 | 1.013609 | -.058931 | .1013778 | -.002834 | .0168092 | 136.0580 | 1.459798 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0077259 | .0142611 | 211.7447 | 1.554958 | .3191109 | .5502806 | 412.9407 |
| Stddev | .0003508 | .0000893 | .3118 | .002267 | .0004000 | .0032704 | .9527 |
| %RSD | 4.541217 | .6261571 | .1472428 | .1457717 | .1253488 | .5943071 | .2307002 |
| #1 | .0078941 | .0141645 | 211.4608 | 1.553897 | .3186919 | .5480816 | 412.1576 |
| #2 | .0073226 | .0142782 | 211.6950 | 1.557561 | .3194886 | .5540388 | 412.6632 |
| #3 | .0079609 | .0143406 | 212.0784 | 1.553416 | .3191523 | .5487214 | 414.0013 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.06273 | 106.2008 | 1.094719 | -.034276 | 1.691550 | .9541159 | .5238306 |
| Stddev | .03343 | .4502 | .001728 | .000559 | .075495 | .0058140 | .0029485 |
| %RSD | .2377547 | .4239289 | .1578612 | 1.630835 | 4.463090 | .6093553 | .5628726 |
| #1 | 14.05890 | 106.2015 | 1.095413 | -.034832 | 1.607446 | .9603062 | .5270856 |
| #2 | 14.03137 | 105.7503 | 1.092752 | -.034282 | 1.753462 | .9487709 | .5213388 |
| #3 | 14.09791 | 106.6507 | 1.095993 | -.033714 | 1.713742 | .9532705 | .5230672 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.680642 | 4.081194 | .3320521 | .0010612 | .4318138 | 1.986873 | .0053244 |
| Stddev | .077887 | .018543 | .0012848 | .0005380 | .0122709 | .003034 | .0049200 |
| %RSD | .8972493 | .4543548 | .3869225 | 50.69958 | 2.841704 | .1527213 | 92.40456 |
| #1 | 8.614889 | 4.061827 | .3311973 | .0014007 | .4179381 | 1.983539 | .0096263 |
| #2 | 8.660381 | 4.082971 | .3314294 | .0013419 | .4412361 | 1.987607 | -.000040 |
| #3 | 8.766658 | 4.098785 | .3335296 | .0004409 | .4362671 | 1.989473 | .006387 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-03DLX2 Acquired: 10/31/2024 3:15:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.606278 | .1420338 | .3077623 |
| Stddev | .004984 | .0007385 | .0006211 |
| %RSD | .1382075 | .5199344 | .2018096 |
| | | | |
| #1 | 3.606728 | .1428859 | .3074371 |
| #2 | 3.611022 | .1415789 | .3073714 |
| #3 | 3.601084 | .1416366 | .3084785 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 982.8493 | 24338.23 | 2890.941 | 850.4444 | 1622.621 |
| Stddev | 2.6233 | 26.63 | 1.440 | 3.1166 | 2.899 |
| %RSD | .2669045 | .1094149 | .0498159 | .3664670 | .1786425 |
| | | | | | |
| #1 | 982.0738 | 24308.59 | 2891.539 | 848.8157 | 1621.669 |
| #2 | 985.7729 | 24360.15 | 2891.985 | 854.0379 | 1625.876 |
| #3 | 980.7011 | 24345.94 | 2889.298 | 848.4796 | 1620.318 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-04DLX2 Acquired: 10/31/2024 3:19:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8359238 | -.051642 | .0929049 | -.008172 | .0112141 | 131.9620 | 1.246235 |
| Stddev | .0025465 | .001238 | .0015474 | .015073 | .0038989 | .5585 | .002914 |
| %RSD | .3046281 | 2.396442 | 1.665580 | 184.4331 | 34.76753 | .4232112 | .2338446 |
| #1 | .8388549 | -.052248 | .0921098 | .006328 | .0157085 | 132.5955 | 1.249371 |
| #2 | .8346599 | -.052461 | .0946882 | -.007087 | .0091930 | 131.5405 | 1.243609 |
| #3 | .8342565 | -.050219 | .0919167 | -.023758 | .0087407 | 131.7502 | 1.245726 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070526 | .0127114 | 220.7369 | 1.506734 | .2854286 | .5229101 | 378.8806 |
| Stddev | .0001669 | .0001667 | 1.2031 | .001576 | .0009569 | .0060908 | 1.8750 |
| %RSD | 2.365877 | 1.311150 | .5450459 | .1046201 | .3352366 | 1.164787 | .4948710 |
| #1 | .0072004 | .0128632 | 221.9786 | 1.506407 | .2865219 | .5205687 | 380.9855 |
| #2 | .0070857 | .0125331 | 219.5764 | 1.505347 | .2847438 | .5298242 | 377.3892 |
| #3 | .0068717 | .0127380 | 220.6557 | 1.508448 | .2850202 | .5183375 | 378.2672 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.32007 | 102.9551 | 1.032168 | -.029885 | 1.667492 | .9068006 | .4964719 |
| Stddev | .01795 | .5386 | .003417 | .000574 | .370118 | .0183876 | .0031105 |
| %RSD | .1457180 | .5231642 | .3310462 | 1.919792 | 22.19607 | 2.027743 | .6265260 |
| #1 | 12.32166 | 103.5439 | 1.035429 | -.029924 | 1.527159 | .9072186 | .4941717 |
| #2 | 12.30138 | 102.4873 | 1.028614 | -.030438 | 1.388062 | .9249757 | .5000110 |
| #3 | 12.33718 | 102.8342 | 1.032461 | -.029293 | 2.087253 | .8882076 | .4952332 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.466922 | 4.073607 | .3067020 | .0001718 | .4982945 | 3.468031 | .0056569 |
| Stddev | .072070 | .003883 | .0029695 | .0002039 | .0102422 | .017248 | .0017402 |
| %RSD | .7612828 | .0953267 | .9682001 | 118.6702 | 2.055452 | .4973496 | 30.76224 |
| #1 | 9.536443 | 4.077951 | .3101305 | -.000045 | .5095133 | 3.486626 | .0058156 |
| #2 | 9.471775 | 4.072398 | .3050298 | .000201 | .4894437 | 3.452555 | .0038428 |
| #3 | 9.392548 | 4.070472 | .3049456 | .000360 | .4959265 | 3.464911 | .0073123 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-04DLX2 Acquired: 10/31/2024 3:19:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.500169 | .1355194 | .2897091 |
| Stddev | .013432 | .0015435 | .0008919 |
| %RSD | .3837512 | 1.138964 | .3078727 |
| | | | |
| #1 | 3.514980 | .1338179 | .2900787 |
| #2 | 3.488777 | .1359106 | .2886917 |
| #3 | 3.496749 | .1368297 | .2903567 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 977.4801 | 24036.32 | 2847.837 | 846.7021 | 1615.806 |
| Stddev | 1.1307 | 51.50 | 16.549 | .8794 | 2.869 |
| %RSD | .1156754 | .2142770 | .5810910 | .1038621 | .1775692 |
| | | | | | |
| #1 | 976.4884 | 24036.70 | 2832.221 | 846.0503 | 1612.941 |
| #2 | 977.2407 | 24087.63 | 2865.182 | 846.3536 | 1615.797 |
| #3 | 978.7114 | 23984.63 | 2846.107 | 847.7023 | 1618.679 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-05DLX2 Acquired: 10/31/2024 3:24:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.042877 | .0390790 | .1358974 | .1576574 | .1808958 | 137.1290 | 5.251448 |
| Stddev | .003239 | .0052496 | .0021565 | .0018272 | .0083517 | .0990 | .007943 |
| %RSD | .3105527 | 13.43340 | 1.586860 | 1.158963 | 4.616869 | .0721886 | .1512593 |
| | | | | | | | |
| #1 | 1.043784 | .0388382 | .1350952 | .1596940 | .1878600 | 137.0185 | 5.244118 |
| #2 | 1.045565 | .0339539 | .1383400 | .1561617 | .1716365 | 137.1587 | 5.250339 |
| #3 | 1.039281 | .0444449 | .1342569 | .1571166 | .1831909 | 137.2096 | 5.259888 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1029004 | .1101691 | 208.3765 | 1.917679 | 1.288512 | .9798826 | 408.2999 |
| Stddev | .0010519 | .0003829 | .3916 | .001329 | .001849 | .0013988 | .8318 |
| %RSD | 1.022204 | .3475717 | .1879112 | .0692797 | .1434978 | .1427536 | .2037157 |
| | | | | | | | |
| #1 | .1023598 | .1097429 | 207.9499 | 1.918995 | 1.286442 | .9801780 | 407.4713 |
| #2 | .1041126 | .1104842 | 208.4600 | 1.917703 | 1.289091 | .9783597 | 409.1348 |
| #3 | .1022288 | .1102801 | 208.7196 | 1.916338 | 1.290002 | .9811101 | 408.2938 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.73821 | 104.6684 | 2.043243 | .0594391 | 2.142300 | 1.864125 | 1.326900 |
| Stddev | .01187 | .3354 | .003698 | .0004091 | .172271 | .012395 | .002230 |
| %RSD | .0805099 | .3204496 | .1810106 | .6882619 | 8.041401 | .6649006 | .1680467 |
| | | | | | | | |
| #1 | 14.75178 | 104.2937 | 2.039919 | .0590039 | 1.972293 | 1.864371 | 1.329234 |
| #2 | 14.72979 | 104.7709 | 2.042585 | .0598158 | 2.137856 | 1.876395 | 1.324791 |
| #3 | 14.73307 | 104.9406 | 2.047227 | .0594976 | 2.316749 | 1.851610 | 1.326675 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.510587 | 3.973759 | .3297743 | -.000021 | .4187851 | 1.976109 | .0047243 |
| Stddev | .076146 | .011488 | .0018563 | .000786 | .0115188 | .013594 | .0025828 |
| %RSD | .8947200 | .2890999 | .5628912 | 3677.448 | 2.750536 | .6879157 | 54.67059 |
| | | | | | | | |
| #1 | 8.424435 | 3.973670 | .3314347 | -.000652 | .4071554 | 1.974591 | .0019411 |
| #2 | 8.538446 | 3.962315 | .3277702 | .000859 | .4190100 | 1.990398 | .0051880 |
| #3 | 8.568880 | 3.985291 | .3301180 | -.000271 | .4301898 | 1.963338 | .0070439 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-05DLX2 Acquired: 10/31/2024 3:24:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.543769 | .1386157 | .3022041 |
| Stddev | .001510 | .0004309 | .0001466 |
| %RSD | .0426062 | .3108866 | .0485092 |
| | | | |
| #1 | 3.544177 | .1391129 | .3020349 |
| #2 | 3.542097 | .1383504 | .3022936 |
| #3 | 3.545034 | .1383837 | .3022838 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 982.3128 | 24233.12 | 2855.427 | 846.7850 | 1631.217 |
| Stddev | 2.3183 | 24.49 | 8.745 | 3.3278 | 1.421 |
| %RSD | .2360044 | .1010722 | .3062483 | .3929875 | .0870935 |
| | | | | | |
| #1 | 979.7779 | 24216.80 | 2852.465 | 844.3806 | 1630.335 |
| #2 | 984.3254 | 24221.28 | 2848.547 | 850.5830 | 1632.856 |
| #3 | 982.8352 | 24261.28 | 2865.267 | 845.3915 | 1630.460 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-03LDLX10 Acquired: 10/31/2024 3:28:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1983406 | -.012171 | .0212676 | -.001371 | .0040658 | 28.47476 | .3089145 |
| Stddev | .0006551 | .001148 | .0013736 | .000313 | .0033452 | .05366 | .0015206 |
| %RSD | .3302781 | 9.430667 | 6.458758 | 22.85339 | 82.27688 | .1884577 | .4922498 |
| #1 | .1975854 | -.010862 | .0206476 | -.001683 | .0020305 | 28.52951 | .3101283 |
| #2 | .1986812 | -.012647 | .0228419 | -.001373 | .0022403 | 28.42226 | .3072088 |
| #3 | .1987552 | -.013005 | .0203132 | -.001056 | .0079266 | 28.47250 | .3094064 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0017986 | .0019362 | 45.39338 | .3416248 | .0630504 | .1165514 | 91.10363 |
| Stddev | .0001798 | .0002231 | .10623 | .0006548 | .0002642 | .0005904 | .40772 |
| %RSD | 9.997046 | 11.52399 | .2340235 | .1916659 | .4190018 | .5065308 | .4475294 |
| #1 | .0017042 | .0020098 | 45.48305 | .3420646 | .0627553 | .1162512 | 91.55597 |
| #2 | .0020059 | .0021133 | 45.27606 | .3419375 | .0631310 | .1172315 | 90.99047 |
| #3 | .0016856 | .0016856 | 45.42103 | .3408723 | .0632649 | .1161714 | 90.76445 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.091964 | 22.37228 | .2202635 | -.009702 | .5919401 | .2059769 | .1122985 |
| Stddev | .010161 | .24910 | .0004737 | .000244 | .2708675 | .0061443 | .0010149 |
| %RSD | .3286252 | 1.113414 | .2150632 | 2.513830 | 45.75928 | 2.982986 | .9037420 |
| #1 | 3.103405 | 22.55347 | .2197489 | -.009451 | .3925332 | .2013921 | .1115895 |
| #2 | 3.088493 | 22.47514 | .2203604 | -.009716 | .9003225 | .2129583 | .1134611 |
| #3 | 3.083992 | 22.08822 | .2206813 | -.009938 | .4829647 | .2035804 | .1118449 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.654214 | .7927606 | .0692799 | -.000894 | .0847022 | .4289160 | .0021593 |
| Stddev | .030935 | .0088383 | .0003596 | .000068 | .0027915 | .0011726 | .0031944 |
| %RSD | 1.870050 | 1.114875 | .5191215 | 7.579676 | 3.295627 | .2733878 | 147.9343 |
| #1 | 1.652121 | .8001092 | .0689186 | -.000928 | .0854907 | .4302041 | .0053130 |
| #2 | 1.686142 | .7952193 | .0692834 | -.000939 | .0816012 | .4279104 | -.001074 |
| #3 | 1.624379 | .7829533 | .0696379 | -.000816 | .0870145 | .4286336 | .002239 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-03LDLX10 Acquired: 10/31/2024 3:28:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H2L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .7735751 | .0283141 | .0655308 |
| Stddev | .0022784 | .0023774 | .0003459 |
| %RSD | .2945336 | 8.396662 | .5278529 |
| | | | |
| #1 | .7756325 | .0280553 | .0659274 |
| #2 | .7711263 | .0308103 | .0653733 |
| #3 | .7739664 | .0260766 | .0652916 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 975.9437 | 23342.79 | 2698.977 | 838.3755 | 1774.840 |
| Stddev | 2.0828 | 70.55 | 14.144 | 2.6314 | 2.511 |
| %RSD | .2134145 | .3022337 | .5240635 | .3138706 | .1414514 |
| | | | | | |
| #1 | 973.7487 | 23266.58 | 2683.605 | 837.6769 | 1771.947 |
| #2 | 977.8925 | 23355.97 | 2711.443 | 836.1638 | 1776.441 |
| #3 | 976.1898 | 23405.81 | 2701.883 | 841.2857 | 1776.133 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-06DLX2 Acquired: 10/31/2024 3:33:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2462607 | -.039210 | .1116112 | -.001330 | .0169752 | 134.3061 | .5650068 |
| Stddev | .0082769 | .007409 | .0050194 | .004637 | .0041859 | .4819 | .0037731 |
| %RSD | 3.361034 | 18.89465 | 4.497256 | 348.5089 | 24.65892 | .3588087 | .6677926 |
| #1 | .2407254 | -.043306 | .1122859 | .003939 | .0155805 | 134.1974 | .5647803 |
| #2 | .2422808 | -.030658 | .1162591 | -.003142 | .0136647 | 133.8878 | .5613522 |
| #3 | .2557757 | -.043666 | .1062885 | -.004788 | .0216804 | 134.8331 | .5688881 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057421 | .0119266 | 38.23502 | .1128701 | .1695610 | .4741227 | 301.1447 |
| Stddev | .0000987 | .0001517 | .13258 | .0010040 | .0010802 | .0065916 | .2566 |
| %RSD | 1.719405 | 1.272015 | .3467502 | .8895567 | .6370462 | 1.390269 | .0852193 |
| #1 | .0058351 | .0117919 | 38.22884 | .1122485 | .1704798 | .4709009 | 300.9522 |
| #2 | .0057525 | .0118970 | 38.10564 | .1140284 | .1683711 | .4697616 | 301.0459 |
| #3 | .0056385 | .0120909 | 38.37058 | .1123333 | .1698320 | .4817055 | 301.4361 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.094317 | 50.50502 | .1225336 | -.026174 | 2.192456 | .5189759 | 1.108615 |
| Stddev | .040324 | .14974 | .0012385 | .000191 | .040334 | .0095952 | .005861 |
| %RSD | .5684048 | .2964799 | 1.010782 | .7278383 | 1.839661 | 1.848862 | .5287203 |
| #1 | 7.094267 | 50.33658 | .1211392 | -.026108 | 2.163907 | .5235580 | 1.111171 |
| #2 | 7.054017 | 50.55543 | .1235061 | -.026389 | 2.174863 | .5254211 | 1.101909 |
| #3 | 7.134666 | 50.62304 | .1229554 | -.026025 | 2.238598 | .5079488 | 1.112764 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.294912 | 3.137597 | .2385443 | -.000631 | .1974768 | 1.775948 | .0075163 |
| Stddev | .139190 | .019258 | .0012412 | .000450 | .0064506 | .009102 | .0029601 |
| %RSD | 2.628745 | .6137945 | .5203384 | 71.36104 | 3.266492 | .5125037 | 39.38200 |
| #1 | 5.134364 | 3.130782 | .2384840 | -.000492 | .2037764 | 1.767581 | .0057515 |
| #2 | 5.368702 | 3.122672 | .2398146 | -.000267 | .1977688 | 1.774623 | .0058637 |
| #3 | 5.381670 | 3.159336 | .2373344 | -.001135 | .1908852 | 1.785639 | .0109337 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-06DLX2 Acquired: 10/31/2024 3:33:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.318758 | .0713040 | .2572826 |
| Stddev | .020591 | .0016729 | .0009681 |
| %RSD | .3871480 | 2.346180 | .3762578 |
| | | | |
| #1 | 5.318996 | .0710270 | .2577660 |
| #2 | 5.298049 | .0697869 | .2561680 |
| #3 | 5.339230 | .0730982 | .2579137 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 997.2691 | 24158.44 | 2820.205 | 868.6739 | 1721.401 |
| Stddev | 1.2152 | 72.99 | 7.568 | 4.3061 | 4.279 |
| %RSD | .1218481 | .3021375 | .2683436 | .4957133 | .2485544 |
| | | | | | |
| #1 | 997.2532 | 24079.01 | 2817.780 | 864.3399 | 1721.368 |
| #2 | 998.4921 | 24173.71 | 2828.688 | 872.9516 | 1725.696 |
| #3 | 996.0620 | 24222.58 | 2814.147 | 868.7300 | 1717.139 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-07DLX2 Acquired: 10/31/2024 3:37:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4557490 | -.044462 | .4314323 | -.005869 | .0213015 | 107.0105 | 1.428787 |
| Stddev | .0094384 | .005589 | .0050593 | .005943 | .0019744 | .1645 | .002886 |
| %RSD | 2.070976 | 12.57012 | 1.172682 | 101.2652 | 9.268739 | .1537420 | .2020014 |
| #1 | .4511530 | -.044930 | .4307678 | -.012650 | .0235709 | 107.1543 | 1.431858 |
| #2 | .4494889 | -.038654 | .4367910 | -.001564 | .0199782 | 107.0463 | 1.426130 |
| #3 | .4666052 | -.049802 | .4267380 | -.003393 | .0203555 | 106.8311 | 1.428374 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074363 | .0170081 | 15.54398 | .2483536 | .1752576 | .9174877 | 331.8052 |
| Stddev | .0002059 | .0000594 | .02984 | .0016845 | .0015360 | .0042892 | 1.0055 |
| %RSD | 2.768938 | .3492042 | .1919727 | .6782767 | .8764152 | .4674883 | .3030383 |
| #1 | .0075398 | .0169595 | 15.57764 | .2485125 | .1737882 | .9131376 | 332.2743 |
| #2 | .0075699 | .0169906 | 15.52076 | .2465952 | .1751321 | .9217132 | 332.4904 |
| #3 | .0071992 | .0170743 | 15.53354 | .2499530 | .1768524 | .9176123 | 330.6509 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.995554 | 52.91374 | .2888679 | -.032266 | 1.401397 | .6580445 | .8986957 |
| Stddev | .023021 | .17298 | .0013963 | .000381 | .332821 | .0024657 | .0050725 |
| %RSD | .2559108 | .3269169 | .4833683 | 1.182157 | 23.74922 | .3746946 | .5644276 |
| #1 | 8.978967 | 53.08880 | .2898291 | -.032298 | 1.312117 | .6580969 | .8968082 |
| #2 | 8.985857 | 52.90949 | .2872663 | -.032630 | 1.769753 | .6604836 | .9044413 |
| #3 | 9.021836 | 52.74291 | .2895084 | -.031869 | 1.122322 | .6555531 | .8948375 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.02405 | 5.141169 | .2673368 | -.000408 | .6794860 | 3.457090 | .0103478 |
| Stddev | .07071 | .028604 | .0012671 | .000175 | .0073558 | .005739 | .0013955 |
| %RSD | .3923285 | .5563773 | .4739542 | 42.77835 | 1.082555 | .1660156 | 13.48596 |
| #1 | 18.10327 | 5.127153 | .2683869 | -.000256 | .6861343 | 3.455804 | .0118027 |
| #2 | 18.00157 | 5.122276 | .2676940 | -.000599 | .6807399 | 3.463363 | .0090204 |
| #3 | 17.96730 | 5.174079 | .2659295 | -.000370 | .6715838 | 3.452102 | .0102204 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-07DLX2 Acquired: 10/31/2024 3:37:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.700006 | .0877515 | .2060870 |
| Stddev | .008096 | .0001157 | .0002148 |
| %RSD | .2998695 | .1318168 | .1042330 |
| | | | |
| #1 | 2.706976 | .0877003 | .2058956 |
| #2 | 2.701916 | .0876702 | .2063193 |
| #3 | 2.691125 | .0878839 | .2060462 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1017.572 | 24631.69 | 2885.526 | 882.9320 | 1729.192 |
| Stddev | 2.628 | 48.76 | 4.733 | 2.8504 | 5.939 |
| %RSD | .2582727 | .1979593 | .1640158 | .3228352 | .3434387 |
| | | | | | |
| #1 | 1019.084 | 24679.89 | 2887.548 | 883.4864 | 1728.472 |
| #2 | 1019.095 | 24632.79 | 2880.118 | 879.8451 | 1735.458 |
| #3 | 1014.538 | 24582.39 | 2888.912 | 885.4645 | 1723.646 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-08DLX2 Acquired: 10/31/2024 3:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4023678 | -.033609 | .2720164 | .0025976 | .0148674 | 90.28780 | 1.180621 |
| Stddev | .0093261 | .003934 | .0104235 | .0060112 | .0024537 | .24023 | .002488 |
| %RSD | 2.317805 | 11.70521 | 3.831942 | 231.4164 | 16.50417 | .2660688 | .2107361 |
| #1 | .4107571 | -.029072 | .2840093 | -.003163 | .0167902 | 90.10497 | 1.177750 |
| #2 | .4040204 | -.036062 | .2669009 | .002125 | .0121038 | 90.19855 | 1.182131 |
| #3 | .3923258 | -.035694 | .2651389 | .008831 | .0157082 | 90.55988 | 1.181983 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0064072 | .0122347 | 16.63629 | .2088973 | .1247137 | .6388855 | 265.4597 |
| Stddev | .0002010 | .0002728 | .02639 | .0014845 | .0009410 | .0107080 | .8577 |
| %RSD | 3.137109 | 2.229706 | .1586563 | .7106545 | .7545634 | 1.676048 | .3231123 |
| #1 | .0061775 | .0124159 | 16.61050 | .2094629 | .1244183 | .6490397 | 264.5034 |
| #2 | .0064928 | .0123673 | 16.63512 | .2100159 | .1257671 | .6399184 | 265.7144 |
| #3 | .0065512 | .0119210 | 16.66325 | .2072131 | .1239559 | .6276985 | 266.1612 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.863697 | 41.00646 | .2407639 | -.025642 | 1.028829 | .5160398 | .7310341 |
| Stddev | .025769 | .06941 | .0004451 | .000308 | .400606 | .0165002 | .0026164 |
| %RSD | .5298192 | .1692633 | .1848648 | 1.200829 | 38.93807 | 3.197456 | .3579072 |
| #1 | 4.835379 | 40.97762 | .2404001 | -.025925 | 1.118389 | .5240050 | .7291611 |
| #2 | 4.885767 | 40.95611 | .2412602 | -.025314 | 1.377076 | .4970682 | .7340235 |
| #3 | 4.869945 | 41.08563 | .2406315 | -.025686 | .591023 | .5270464 | .7299177 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.57990 | 4.507714 | .2178372 | .0003305 | .6631888 | 3.407505 | .0122919 |
| Stddev | .10579 | .008280 | .0009511 | .0010994 | .0075076 | .021280 | .0041240 |
| %RSD | .6380581 | .1836765 | .4366122 | 332.6222 | 1.132044 | .6244966 | 33.55076 |
| #1 | 16.63686 | 4.511216 | .2170469 | .0015995 | .6548284 | 3.386536 | .0169967 |
| #2 | 16.45784 | 4.498259 | .2175719 | -.000336 | .6653833 | 3.406898 | .0093016 |
| #3 | 16.64502 | 4.513668 | .2188928 | -.000272 | .6693545 | 3.429082 | .0105776 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-08DLX2 Acquired: 10/31/2024 3:42:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.761614 | .0697879 | .2002523 |
| Stddev | .012174 | .0020780 | .0008813 |
| %RSD | .4408328 | 2.977559 | .4401027 |
| | | | |
| #1 | 2.757477 | .0698074 | .1994246 |
| #2 | 2.752047 | .0677003 | .2001534 |
| #3 | 2.775317 | .0718561 | .2011789 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1011.369 | 24361.28 | 2845.306 | 875.5081 | 1742.835 |
| Stddev | .712 | 60.31 | 14.488 | 2.4266 | 2.140 |
| %RSD | .0704182 | .2475769 | .5091826 | .2771692 | .1227954 |
| | | | | | |
| #1 | 1011.677 | 24335.44 | 2859.099 | 873.8768 | 1740.363 |
| #2 | 1011.876 | 24318.20 | 2846.610 | 874.3506 | 1744.050 |
| #3 | 1010.555 | 24430.21 | 2830.211 | 878.2967 | 1744.091 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV004 Acquired: 10/31/2024 3:46:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.111457 | 4.808546 | 24.69934 | 4.769137 | 4.826219 | 406.5519 | 10.29309 |
| Stddev | .020240 | .017991 | .05273 | .024977 | .011315 | 1.0482 | .02809 |
| %RSD | .3959739 | .3741410 | .2134948 | .5237192 | .2344423 | .2578254 | .2728948 |
| | | | | | | | |
| #1 | 5.123572 | 4.827165 | 24.74814 | 4.794456 | 4.836344 | 406.1119 | 10.27387 |
| #2 | 5.122707 | 4.807214 | 24.70648 | 4.744517 | 4.814006 | 405.7953 | 10.28007 |
| #3 | 5.088091 | 4.791258 | 24.64341 | 4.768438 | 4.828306 | 407.7483 | 10.32532 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5256789 | 2.484440 | 399.5816 | 15.01598 | 2.498701 | 14.89524 | 405.5224 |
| Stddev | .0018874 | .005956 | .5140 | .01498 | .006372 | .05558 | .2288 |
| %RSD | .3590453 | .2397318 | .1286332 | .0997740 | .2549951 | .3731459 | .0564327 |
| | | | | | | | |
| #1 | .5241216 | 2.491312 | 399.4519 | 15.02735 | 2.505607 | 14.86020 | 405.4205 |
| #2 | .5277780 | 2.481259 | 399.1449 | 15.02159 | 2.497446 | 14.86619 | 405.3621 |
| #3 | .5251373 | 2.480751 | 400.1480 | 14.99900 | 2.493051 | 14.95932 | 405.7845 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.72308 | 393.7782 | 2.484382 | 1.272187 | 402.0157 | 2.443269 | 14.44958 |
| Stddev | .09147 | .6894 | .006964 | .005287 | .1717 | .011001 | .04611 |
| %RSD | .6212500 | .1750618 | .2803242 | .4155938 | .0427095 | .4502720 | .3190981 |
| | | | | | | | |
| #1 | 14.68578 | 393.9265 | 2.491226 | 1.271860 | 402.1124 | 2.436797 | 14.48347 |
| #2 | 14.65616 | 393.0267 | 2.484616 | 1.277630 | 401.8175 | 2.437037 | 14.39708 |
| #3 | 14.82731 | 394.3813 | 2.477303 | 1.267071 | 402.1173 | 2.455971 | 14.46820 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 153.3097 | 5.000599 | 4.897545 | 4.744515 | 5.072702 | 4.875005 | 4.994492 |
| Stddev | .5487 | .017830 | .015195 | .004043 | .015267 | .014635 | .010696 |
| %RSD | .3578984 | .3565643 | .3102607 | .0852111 | .3009609 | .3002139 | .2141548 |
| | | | | | | | |
| #1 | 152.9840 | 5.021142 | 4.887519 | 4.748771 | 5.077330 | 4.865686 | 5.006826 |
| #2 | 153.0018 | 4.989136 | 4.915028 | 4.740725 | 5.085119 | 4.891873 | 4.987764 |
| #3 | 153.9432 | 4.991518 | 4.890087 | 4.744048 | 5.055657 | 4.867455 | 4.988887 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV004 Acquired: 10/31/2024 3:46:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.935200 | 5.003852 | 5.091261 |
| Stddev | .022470 | .002071 | .019722 |
| %RSD | .4552964 | .0413969 | .3873722 |
| | | | |
| #1 | 4.942005 | 5.006220 | 5.081920 |
| #2 | 4.910115 | 5.002961 | 5.077945 |
| #3 | 4.953482 | 5.002375 | 5.113918 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 788.9558 | 20989.82 | 2512.121 | 651.6440 | 1425.695 |
| Stddev | 1.8288 | 66.88 | .888 | 2.9098 | 3.493 |
| %RSD | .2318014 | .3186100 | .0353419 | .4465364 | .2449970 |
| | | | | | |
| #1 | 786.8711 | 20913.97 | 2511.110 | 649.3506 | 1422.485 |
| #2 | 789.7069 | 21040.28 | 2512.774 | 654.9173 | 1425.185 |
| #3 | 790.2895 | 21015.21 | 2512.479 | 650.6641 | 1429.415 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB004 Acquired: 10/31/2024 3:50:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.007792 | .0009600 | .0034423 | -.001654 | -.001405 | .0618689 | -.002799 |
| Stddev | .001754 | .0014135 | .0029165 | .002576 | .001075 | .0114569 | .001671 |
| %RSD | 22.51679 | 147.2480 | 84.72601 | 155.7408 | 76.53377 | 18.51800 | 59.67699 |
| #1 | -.006627 | .0013570 | .0001688 | .001318 | -.002630 | .0714487 | -.004671 |
| #2 | -.009809 | .0021325 | .0057642 | -.003044 | -.000618 | .0491777 | -.001459 |
| #3 | -.006938 | -.000610 | .0043938 | -.003237 | -.000966 | .0649804 | -.002269 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000356 | .0002409 | .0313767 | .0000384 | .0006789 | -.003076 | .0044681 |
| Stddev | .0000773 | .0000224 | .0102392 | .0004229 | .0002062 | .001069 | .0154416 |
| %RSD | 217.2626 | 9.300358 | 32.63306 | 1101.484 | 30.37063 | 34.74797 | 345.6006 |
| #1 | -.000051 | .0002242 | .0295448 | -.000350 | .0005768 | -.002014 | .0138642 |
| #2 | .000099 | .0002322 | .0424082 | -.000024 | .0009161 | -.004151 | .0128936 |
| #3 | .000059 | .0002664 | .0221771 | .000489 | .0005436 | -.003062 | -.013354 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000685 | -.005657 | .0002323 | -.005262 | .0560999 | -.000601 | .0000100 |
| Stddev | .000542 | .071562 | .0002787 | .000658 | .1677467 | .006351 | .0002198 |
| %RSD | 79.11859 | 1264.952 | 119.9896 | 12.51295 | 299.0141 | 1056.927 | 2199.262 |
| #1 | -.000088 | .072002 | .0001023 | -.004637 | -.123745 | -.006101 | -.000171 |
| #2 | -.001146 | -.020034 | .0000423 | -.005200 | .208318 | -.002051 | -.000054 |
| #3 | -.000819 | -.068940 | .0005522 | -.005950 | .083726 | .006350 | .000255 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002193 | -.002138 | .0007869 | .0004170 | -.006742 | .0011217 | .0005116 |
| Stddev | .025798 | .002678 | .0003756 | .0001370 | .005928 | .0004986 | .0018436 |
| %RSD | 1176.222 | 125.2731 | 47.73266 | 32.85378 | 87.92137 | 44.44845 | 360.3490 |
| #1 | .023058 | -.005215 | .0011471 | .0002595 | -.001426 | .0016177 | .0016032 |
| #2 | -.028506 | -.000872 | .0003976 | .0004831 | -.013135 | .0006206 | -.001617 |
| #3 | -.001132 | -.000327 | .0008161 | .0005084 | -.005667 | .0011269 | .001549 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB004 Acquired: 10/31/2024 3:50:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0000367 | .0014340 | .0001705 |
| Stddev | .0016934 | .0020210 | .0000318 |
| %RSD | 4619.573 | 140.9388 | 18.63798 |
| | | | |
| #1 | -.000887 | -.000657 | .0001896 |
| #2 | .001991 | .001582 | .0001881 |
| #3 | -.000994 | .003377 | .0001338 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 968.5966 | 22984.55 | 2616.145 | 836.3151 | 1865.534 |
| Stddev | 3.4496 | 75.84 | 12.235 | 3.7987 | 4.422 |
| %RSD | .3561490 | .3299444 | .4676845 | .4542225 | .2370153 |
| | | | | | |
| #1 | 970.7630 | 22927.80 | 2630.011 | 832.1928 | 1865.160 |
| #2 | 970.4082 | 22955.16 | 2611.561 | 839.6745 | 1870.131 |
| #3 | 964.6185 | 23070.68 | 2606.864 | 837.0781 | 1861.311 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-09DLX2 Acquired: 10/31/2024 3:55:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4148409 | -.031362 | .2824549 | -.000468 | .0122424 | 92.26524 | 1.204723 |
| Stddev | .0018680 | .003078 | .0016097 | .002437 | .0025196 | .34910 | .004509 |
| %RSD | .4502950 | 9.815565 | .5699029 | 521.2010 | 20.58092 | .3783638 | .3743138 |
| #1 | .4166699 | -.028059 | .2806903 | -.002634 | .0147074 | 92.56695 | 1.209861 |
| #2 | .4129362 | -.031875 | .2838430 | .002171 | .0123481 | 91.88287 | 1.201420 |
| #3 | .4149166 | -.034151 | .2828313 | -.000939 | .0096716 | 92.34589 | 1.202888 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0063427 | .0124521 | 16.95181 | .2154343 | .1271211 | .6553315 | 270.6048 |
| Stddev | .0001952 | .0000962 | .10746 | .0005957 | .0007445 | .0038486 | .8494 |
| %RSD | 3.077188 | .7725287 | .6339284 | .2765206 | .5856521 | .5872795 | .3138826 |
| #1 | .0063434 | .0123793 | 16.93093 | .2160415 | .1275161 | .6595091 | 271.0055 |
| #2 | .0061471 | .0125612 | 16.85631 | .2148507 | .1262623 | .6545549 | 269.6292 |
| #3 | .0065375 | .0124159 | 17.06817 | .2154108 | .1275849 | .6519303 | 271.1798 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.955746 | 42.01768 | .2456955 | -.026687 | 1.200643 | .5082083 | .7437491 |
| Stddev | .001846 | .18768 | .0011633 | .000365 | .197360 | .0127512 | .0033432 |
| %RSD | .0372535 | .4466743 | .4734525 | 1.366868 | 16.43788 | 2.509042 | .4495051 |
| #1 | 4.955663 | 42.16818 | .2449118 | -.026270 | 1.389890 | .5226658 | .7413406 |
| #2 | 4.953942 | 41.80739 | .2451427 | -.026947 | 1.215976 | .5033936 | .7475661 |
| #3 | 4.957632 | 42.07748 | .2470321 | -.026846 | .996064 | .4985655 | .7423407 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.89954 | 4.588119 | .2235755 | .0000812 | .6706692 | 3.524311 | .0098967 |
| Stddev | .15708 | .012509 | .0007532 | .0007874 | .0018615 | .010085 | .0023735 |
| %RSD | .9294939 | .2726488 | .3368824 | 969.9216 | .2775623 | .2861545 | 23.98234 |
| #1 | 17.07694 | 4.577472 | .2238687 | .0004668 | .6702681 | 3.515066 | .0124029 |
| #2 | 16.84352 | 4.584989 | .2227198 | -.000825 | .6690409 | 3.522801 | .0096041 |
| #3 | 16.77814 | 4.601896 | .2241380 | .000601 | .6726986 | 3.535066 | .0076831 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-09DLX2 Acquired: 10/31/2024 3:55:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.819649 | .0728472 | .2044678 |
| Stddev | .008891 | .0011153 | .0005178 |
| %RSD | .3153263 | 1.531069 | .2532638 |
| | | | |
| #1 | 2.825500 | .0715595 | .2050276 |
| #2 | 2.809418 | .0734684 | .2040059 |
| #3 | 2.824030 | .0735135 | .2043700 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1013.407 | 24464.09 | 2857.913 | 879.4552 | 1744.339 |
| Stddev | 1.021 | 43.95 | 4.138 | .3434 | 2.181 |
| %RSD | .1007936 | .1796526 | .1448040 | .0390489 | .1250136 |
| | | | | | |
| #1 | 1013.909 | 24415.84 | 2854.151 | 879.2183 | 1744.916 |
| #2 | 1012.232 | 24501.85 | 2862.346 | 879.8490 | 1746.173 |
| #3 | 1014.082 | 24474.58 | 2857.243 | 879.2983 | 1741.927 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-10DLX2 Acquired: 10/31/2024 3:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2772034 | -.030592 | .2781877 | .0014268 | .0103475 | 91.72420 | 1.223479 |
| Stddev | .0006810 | .003688 | .0027171 | .0045899 | .0037917 | .14946 | .003221 |
| %RSD | .2456640 | 12.05665 | .9767048 | 321.6868 | 36.64345 | .1629469 | .2632865 |
| #1 | .2766965 | -.030233 | .2769132 | -.002801 | .0117927 | 91.65229 | 1.221235 |
| #2 | .2779774 | -.034447 | .2763421 | .000772 | .0132040 | 91.62430 | 1.222033 |
| #3 | .2769362 | -.027096 | .2813077 | .006309 | .0060457 | 91.89603 | 1.227170 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060768 | .0125434 | 19.05298 | .2154326 | .1281062 | .8657909 | 237.5599 |
| Stddev | .0000490 | .0000609 | .05602 | .0008605 | .0010625 | .0105627 | .7353 |
| %RSD | .8069524 | .4851516 | .2940454 | .3994347 | .8293694 | 1.220000 | .3095218 |
| #1 | .0060371 | .0124830 | 18.98861 | .2157465 | .1292749 | .8607987 | 236.7592 |
| #2 | .0060617 | .0126047 | 19.09068 | .2144592 | .1271987 | .8586497 | 237.7158 |
| #3 | .0061316 | .0125424 | 19.07967 | .2160921 | .1278451 | .8779243 | 238.2048 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.625734 | 42.22680 | .2426204 | -.024418 | .9707435 | .4574306 | .7517645 |
| Stddev | .010319 | .11017 | .0009518 | .000352 | .1471684 | .0143736 | .0014234 |
| %RSD | .1834182 | .2609119 | .3922990 | 1.441056 | 15.16038 | 3.142249 | .1893363 |
| #1 | 5.622187 | 42.21774 | .2420376 | -.024366 | 1.133847 | .4429107 | .7504648 |
| #2 | 5.617656 | 42.34123 | .2421048 | -.024094 | .847883 | .4577279 | .7515431 |
| #3 | 5.637358 | 42.12144 | .2437188 | -.024793 | .930500 | .4716533 | .7532856 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.73485 | 4.585991 | .1974386 | .0006335 | .7579425 | 3.773151 | .0092946 |
| Stddev | .06106 | .012528 | .0012130 | .0007723 | .0044997 | .012730 | .0022591 |
| %RSD | .3442969 | .2731761 | .6143765 | 121.9132 | .5936686 | .3373892 | 24.30535 |
| #1 | 17.67652 | 4.572958 | .1962283 | .0010382 | .7587502 | 3.773203 | .0091701 |
| #2 | 17.79831 | 4.597944 | .1986543 | .0011194 | .7530936 | 3.760394 | .0071004 |
| #3 | 17.72971 | 4.587071 | .1974332 | -.000257 | .7619836 | 3.785855 | .0116134 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-10DLX2 Acquired: 10/31/2024 3:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.606105 | .0741372 | .2312178 |
| Stddev | .008860 | .0015523 | .0002822 |
| %RSD | .3399650 | 2.093793 | .1220548 |
| | | | |
| #1 | 2.601221 | .0725939 | .2310247 |
| #2 | 2.600761 | .0741192 | .2310870 |
| #3 | 2.616332 | .0756983 | .2315416 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1014.792 | 24478.02 | 2870.976 | 879.9781 | 1740.769 |
| Stddev | 2.245 | 71.38 | 6.165 | 4.1370 | 2.237 |
| %RSD | .2212136 | .2916085 | .2147366 | .4701265 | .1284862 |
| | | | | | |
| #1 | 1016.645 | 24435.45 | 2863.964 | 876.1482 | 1742.784 |
| #2 | 1015.435 | 24438.18 | 2873.420 | 879.4206 | 1741.161 |
| #3 | 1012.296 | 24560.43 | 2875.545 | 884.3656 | 1738.363 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-11DLX2 Acquired: 10/31/2024 4:04:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2995270 | -.039415 | .1934176 | .0044327 | .0131749 | 112.1747 | 1.661986 |
| Stddev | .0049825 | .003955 | .0003722 | .0068844 | .0001145 | .8396 | .010079 |
| %RSD | 1.663469 | 10.03405 | .1924386 | 155.3111 | .8686635 | .7484853 | .6064654 |
| #1 | .2940546 | -.036389 | .1930315 | .0121724 | .0132937 | 113.1409 | 1.673387 |
| #2 | .3038012 | -.037966 | .1934472 | .0021337 | .0130654 | 111.7608 | 1.658309 |
| #3 | .3007251 | -.043890 | .1937742 | -.001008 | .0131656 | 111.6224 | 1.654261 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070537 | .0112126 | 20.25014 | .2860833 | .1600081 | .5763791 | 286.0930 |
| Stddev | .0002844 | .0001677 | .11453 | .0006051 | .0010643 | .0040840 | 2.3719 |
| %RSD | 4.031261 | 1.495433 | .5655578 | .2115089 | .6651755 | .7085587 | .8290528 |
| #1 | .0073166 | .0113536 | 20.37911 | .2865017 | .1589702 | .5756046 | 288.8259 |
| #2 | .0070928 | .0112570 | 20.16034 | .2863585 | .1610970 | .5727379 | 284.5712 |
| #3 | .0067519 | .0110272 | 20.21096 | .2853895 | .1599571 | .5807949 | 284.8818 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.286323 | 49.10724 | .3023311 | -.029116 | 1.208540 | .5629777 | .5492245 |
| Stddev | .043717 | .32811 | .0009830 | .000583 | .059366 | .0057844 | .0014306 |
| %RSD | .5275824 | .6681463 | .3251499 | 2.002257 | 4.912187 | 1.027469 | .2604770 |
| #1 | 8.335766 | 49.48385 | .3022489 | -.029511 | 1.260262 | .5563547 | .5480340 |
| #2 | 8.270418 | 48.95469 | .3033526 | -.028447 | 1.143718 | .5655399 | .5508116 |
| #3 | 8.252785 | 48.88318 | .3013917 | -.029392 | 1.221640 | .5670385 | .5488280 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.64836 | 4.426013 | .2337802 | .0005449 | .5169432 | 1.546466 | .0129954 |
| Stddev | .17602 | .006431 | .0035753 | .0005320 | .0112416 | .005358 | .0020158 |
| %RSD | .9438884 | .1452986 | 1.529341 | 97.62760 | 2.174626 | .3464349 | 15.51172 |
| #1 | 18.85109 | 4.420503 | .2373751 | .0002041 | .5199221 | 1.552546 | .0131711 |
| #2 | 18.53439 | 4.424458 | .2302248 | .0011579 | .5263954 | 1.544412 | .0149177 |
| #3 | 18.55960 | 4.433079 | .2337408 | .0002727 | .5045122 | 1.542439 | .0108976 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-11DLX2 Acquired: 10/31/2024 4:04:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.641785 | .0905749 | .2577312 |
| Stddev | .020125 | .0014518 | .0015810 |
| %RSD | .7617974 | 1.602834 | .6134222 |
| | | | |
| #1 | 2.661075 | .0915513 | .2595496 |
| #2 | 2.643362 | .0889067 | .2569616 |
| #3 | 2.620918 | .0912668 | .2566823 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1030.454 | 24823.10 | 2889.881 | 894.3780 | 1732.357 |
| Stddev | 1.573 | 19.77 | 11.974 | 1.0318 | 2.449 |
| %RSD | .1526414 | .0796595 | .4143583 | .1153704 | .1413637 |
| | | | | | |
| #1 | 1030.462 | 24845.85 | 2876.370 | 893.7275 | 1729.713 |
| #2 | 1028.878 | 24810.04 | 2894.093 | 893.8387 | 1732.812 |
| #3 | 1032.023 | 24813.41 | 2899.180 | 895.5677 | 1734.547 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-12DLX2 Acquired: 10/31/2024 4:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J0 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2883711 | -.031997 | .2892623 | .0011917 | .0080224 | 90.61111 | 1.129496 |
| Stddev | .0083058 | .004217 | .0083941 | .0084844 | .0019864 | .14851 | .002814 |
| %RSD | 2.880233 | 13.18082 | 2.901886 | 711.9648 | 24.76042 | .1638930 | .2491701 |
| #1 | .2971063 | -.035696 | .2834349 | .0070891 | .0085574 | 90.59459 | 1.130435 |
| #2 | .2805746 | -.032890 | .2854683 | .0050181 | .0096866 | 90.47155 | 1.126332 |
| #3 | .2874323 | -.027404 | .2988835 | -.008532 | .0058233 | 90.76718 | 1.131720 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060606 | .0122204 | 14.95323 | .2053696 | .1234031 | .7367043 | 240.5819 |
| Stddev | .0003367 | .0001085 | .04502 | .0012053 | .0003288 | .0029878 | .2415 |
| %RSD | 5.556232 | .8880598 | .3010505 | .5868872 | .2664660 | .4055570 | .1003629 |
| #1 | .0057555 | .0121332 | 14.91283 | .2039787 | .1230262 | .7365715 | 240.6120 |
| #2 | .0064219 | .0121860 | 14.94508 | .2061067 | .1235511 | .7337851 | 240.3268 |
| #3 | .0060042 | .0123419 | 15.00176 | .2060233 | .1236318 | .7397562 | 240.8069 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.982257 | 42.92168 | .2274480 | -.023541 | 1.015514 | .4911624 | .7311616 |
| Stddev | .013013 | .23899 | .0004672 | .000188 | .349441 | .0137432 | .0024900 |
| %RSD | .2611854 | .5567950 | .2054067 | .7990570 | 34.41029 | 2.798087 | .3405505 |
| #1 | 4.984188 | 42.64686 | .2279268 | -.023610 | .794737 | .5070313 | .7323868 |
| #2 | 4.968387 | 43.03735 | .2274238 | -.023328 | .833409 | .4833183 | .7328016 |
| #3 | 4.994197 | 43.08082 | .2269933 | -.023684 | 1.418396 | .4831377 | .7282964 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.30262 | 4.333670 | .1953713 | -.000058 | .6191860 | 3.283018 | .0108768 |
| Stddev | .08359 | .012492 | .0019052 | .000400 | .0060227 | .007441 | .0010546 |
| %RSD | .5127685 | .2882645 | .9751518 | 693.9582 | .9726865 | .2266648 | 9.695438 |
| #1 | 16.25744 | 4.328904 | .1931716 | -.000512 | .6179104 | 3.275819 | .0115043 |
| #2 | 16.39909 | 4.324262 | .1964462 | .000096 | .6139032 | 3.282555 | .0096593 |
| #3 | 16.25135 | 4.347844 | .1964960 | .000243 | .6257443 | 3.290681 | .0114668 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-12DLX2 Acquired: 10/31/2024 4:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J0 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.280493 | .0732048 | .1839050 |
| Stddev | .002140 | .0029021 | .0002295 |
| %RSD | .0938403 | 3.964379 | .1247693 |
| | | | |
| #1 | 2.279879 | .0744537 | .1841616 |
| #2 | 2.282873 | .0752733 | .1837195 |
| #3 | 2.278728 | .0698873 | .1838340 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1014.276 | 24349.74 | 2811.280 | 875.9161 | 1748.955 |
| Stddev | 2.142 | 58.27 | 1.913 | 2.6929 | 2.373 |
| %RSD | .2111511 | .2393097 | .0680561 | .3074422 | .1357075 |
| | | | | | |
| #1 | 1011.898 | 24400.12 | 2813.401 | 878.4722 | 1746.247 |
| #2 | 1016.054 | 24285.93 | 2809.684 | 873.1046 | 1750.672 |
| #3 | 1014.875 | 24363.17 | 2810.756 | 876.1715 | 1749.947 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-13DLX2 Acquired: 10/31/2024 4:12:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2862695 | -.029422 | .2358546 | -.001300 | .0089653 | 84.90881 | 1.029320 |
| Stddev | .0115060 | .005564 | .0035925 | .001818 | .0051128 | .03308 | .001668 |
| %RSD | 4.019303 | 18.90977 | 1.523178 | 139.8616 | 57.02895 | .0389562 | .1620884 |
| #1 | .2729899 | -.024445 | .2335280 | -.000472 | .0038689 | 84.87695 | 1.027406 |
| #2 | .2925504 | -.028393 | .2340436 | -.003384 | .0140943 | 84.94298 | 1.030467 |
| #3 | .2932682 | -.035428 | .2399921 | -.000043 | .0089326 | 84.90651 | 1.030087 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054917 | .0104708 | 14.20074 | .1881270 | .1204695 | .6357462 | 221.9904 |
| Stddev | .0001756 | .0000949 | .06357 | .0002065 | .0003885 | .0041339 | .4905 |
| %RSD | 3.196846 | .9064056 | .4476464 | .1097499 | .3224661 | .6502485 | .2209333 |
| #1 | .0056874 | .0104249 | 14.27376 | .1879736 | .1200573 | .6335127 | 222.2002 |
| #2 | .0053481 | .0105799 | 14.17063 | .1883617 | .1205225 | .6405165 | 222.3410 |
| #3 | .0054397 | .0104075 | 14.15781 | .1880457 | .1208288 | .6332095 | 221.4299 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.079168 | 38.54419 | .2119146 | -.023993 | 1.064048 | .4210393 | .6564892 |
| Stddev | .014507 | .08767 | .0010012 | .000533 | .287313 | .0070659 | .0034075 |
| %RSD | .2856084 | .2274404 | .4724542 | 2.220480 | 27.00190 | 1.678217 | .5190430 |
| #1 | 5.062566 | 38.44718 | .2121958 | -.024597 | .844389 | .4135201 | .6580738 |
| #2 | 5.089398 | 38.61773 | .2108028 | -.023789 | .958560 | .4275419 | .6588158 |
| #3 | 5.085540 | 38.56767 | .2127451 | -.023592 | 1.389194 | .4220559 | .6525780 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.30435 | 4.137204 | .1816386 | -.000268 | .7246131 | 3.490365 | .0080860 |
| Stddev | .11017 | .006131 | .0020537 | .000320 | .0115023 | .026210 | .0011174 |
| %RSD | .6757264 | .1481857 | 1.130626 | 119.4629 | 1.587370 | .7509361 | 13.81862 |
| #1 | 16.17728 | 4.131968 | .1838719 | -.000113 | .7333310 | 3.460792 | .0073990 |
| #2 | 16.37321 | 4.143948 | .1812125 | -.000636 | .7289318 | 3.510726 | .0074837 |
| #3 | 16.36256 | 4.135696 | .1798315 | -.000055 | .7115765 | 3.499577 | .0093753 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-13DLX2 Acquired: 10/31/2024 4:12:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.202279 | .0667501 | .1681047 |
| Stddev | .000804 | .0026352 | .0004242 |
| %RSD | .0365028 | 3.947849 | .2523329 |
| | | | |
| #1 | 2.202439 | .0645723 | .1676182 |
| #2 | 2.202990 | .0659987 | .1682986 |
| #3 | 2.201407 | .0696795 | .1683973 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1016.227 | 24432.44 | 2854.112 | 877.4291 | 1759.244 |
| Stddev | 1.660 | 45.78 | 12.438 | 4.0150 | 3.679 |
| %RSD | .1633495 | .1873830 | .4357870 | .4575862 | .2090983 |
| | | | | | |
| #1 | 1017.630 | 24420.68 | 2864.979 | 874.3269 | 1762.033 |
| #2 | 1016.657 | 24393.69 | 2840.547 | 875.9964 | 1760.623 |
| #3 | 1014.394 | 24482.96 | 2856.811 | 881.9639 | 1755.075 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-14DLX2 Acquired: 10/31/2024 4:17:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J2 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3310237 | -.037357 | .3526121 | .0011929 | .0112503 | 104.7013 | 1.340815 |
| Stddev | .0008591 | .002232 | .0057600 | .0136037 | .0033455 | .2213 | .002717 |
| %RSD | .2595155 | 5.973976 | 1.633532 | 1140.413 | 29.73680 | .2113599 | .2026553 |
| #1 | .3313275 | -.039657 | .3592289 | .0122885 | .0074584 | 104.4469 | 1.338993 |
| #2 | .3300540 | -.037212 | .3498880 | -.013984 | .0125073 | 104.8500 | 1.339513 |
| #3 | .3316896 | -.035201 | .3487194 | .005274 | .0137853 | 104.8069 | 1.343938 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0068190 | .0144829 | 17.84023 | .2525836 | .1581277 | .8593046 | 283.2095 |
| Stddev | .0001017 | .0000228 | .12384 | .0004834 | .0001336 | .0009822 | .7445 |
| %RSD | 1.490895 | .1570796 | .6941815 | .1913961 | .0844745 | .1142966 | .2628898 |
| #1 | .0069329 | .0144701 | 17.72882 | .2520270 | .1580040 | .8585469 | 282.4616 |
| #2 | .0067373 | .0144695 | 17.97357 | .2528248 | .1582694 | .8589527 | 283.9506 |
| #3 | .0067868 | .0145092 | 17.81829 | .2528989 | .1581099 | .8604142 | 283.2164 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.299618 | 50.87666 | .2908439 | -.027674 | 1.146617 | .5709183 | .7951985 |
| Stddev | .005612 | .19221 | .0011075 | .000367 | .173984 | .0023773 | .0035979 |
| %RSD | .0890772 | .3778049 | .3807832 | 1.324380 | 15.17372 | .4163911 | .4524548 |
| #1 | 6.293154 | 50.69007 | .2899448 | -.027348 | 1.312325 | .5720854 | .7910959 |
| #2 | 6.303239 | 51.07405 | .2920810 | -.027604 | 1.162130 | .5681831 | .7978167 |
| #3 | 6.302461 | 50.86585 | .2905059 | -.028071 | .965395 | .5724865 | .7966830 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 19.30246 | 5.065334 | .2318064 | .0006786 | .7542144 | 3.306708 | .0103783 |
| Stddev | .06103 | .011087 | .0016243 | .0005712 | .0087654 | .012199 | .0017302 |
| %RSD | .3161755 | .2188786 | .7006971 | 84.18219 | 1.162184 | .3689213 | 16.67100 |
| #1 | 19.23200 | 5.071681 | .2303340 | .0008521 | .7556567 | 3.297271 | .0084938 |
| #2 | 19.33832 | 5.052532 | .2335487 | .0000407 | .7448173 | 3.302370 | .0118950 |
| #3 | 19.33707 | 5.071790 | .2315364 | .0011430 | .7621691 | 3.320483 | .0107462 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-14DLX2 Acquired: 10/31/2024 4:17:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J2 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.032707 | .0881400 | .2309134 |
| Stddev | .011132 | .0013108 | .0005881 |
| %RSD | .3670632 | 1.487224 | .2546770 |
| | | | |
| #1 | 3.019854 | .0876046 | .2302349 |
| #2 | 3.038990 | .0896338 | .2312772 |
| #3 | 3.039277 | .0871816 | .2312280 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.655 | 24614.43 | 2871.300 | 881.5640 | 1729.855 |
| Stddev | .972 | 44.65 | 8.148 | 3.1222 | 2.029 |
| %RSD | .0952250 | .1813807 | .2837598 | .3541615 | .1173049 |
| | | | | | |
| #1 | 1021.012 | 24608.90 | 2877.639 | 884.7150 | 1727.542 |
| #2 | 1019.556 | 24572.80 | 2874.151 | 878.4715 | 1731.336 |
| #3 | 1021.399 | 24661.58 | 2862.110 | 881.5055 | 1730.687 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-15DLX2 Acquired: 10/31/2024 4:21:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2883321 | -.035004 | .2561871 | -.000598 | .0146315 | 79.31310 | 1.065947 |
| Stddev | .0096898 | .004697 | .0021966 | .007334 | .0031219 | .19131 | .000726 |
| %RSD | 3.360628 | 13.41830 | .8574339 | 1226.827 | 21.33656 | .2412137 | .0681183 |
| #1 | .2772122 | -.038727 | .2557819 | -.001240 | .0180819 | 79.48835 | 1.065172 |
| #2 | .2949655 | -.036559 | .2585582 | -.007590 | .0120025 | 79.34195 | 1.066611 |
| #3 | .2928187 | -.029727 | .2542213 | .007036 | .0138101 | 79.10900 | 1.066059 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060284 | .0112175 | 12.75399 | .1864176 | .1443712 | .5940207 | 256.2788 |
| Stddev | .0001120 | .0002946 | .07777 | .0017354 | .0005560 | .0042909 | .6452 |
| %RSD | 1.858099 | 2.626443 | .6097509 | .9309405 | .3851197 | .7223412 | .2517608 |
| #1 | .0060456 | .0110942 | 12.82578 | .1847627 | .1442908 | .5952108 | 257.0236 |
| #2 | .0059088 | .0110045 | 12.76480 | .1862663 | .1449630 | .5975909 | 255.9202 |
| #3 | .0061308 | .0115537 | 12.67138 | .1882237 | .1438598 | .5892604 | 255.8924 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.777800 | 39.74260 | .2145949 | -.026233 | .8454006 | .4962991 | .6730013 |
| Stddev | .003860 | .21424 | .0013058 | .000450 | .1142786 | .0017277 | .0028201 |
| %RSD | .0668093 | .5390763 | .6084944 | 1.716044 | 13.51768 | .3481231 | .4190345 |
| #1 | 5.775818 | 39.86556 | .2157693 | -.026619 | .8786826 | .4943170 | .6703558 |
| #2 | 5.775333 | 39.86702 | .2131887 | -.025739 | .7181756 | .4970935 | .6759684 |
| #3 | 5.782248 | 39.49521 | .2148265 | -.026342 | .9393435 | .4974866 | .6726798 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.02158 | 3.789554 | .2081764 | -.000084 | .6187847 | 1.934396 | .0099661 |
| Stddev | .06482 | .008155 | .0008967 | .000279 | .0064508 | .010533 | .0015284 |
| %RSD | .4314917 | .2152062 | .4307295 | 333.7374 | 1.042496 | .5445043 | 15.33618 |
| #1 | 15.08520 | 3.783036 | .2073039 | -.000053 | .6200044 | 1.946426 | .0105263 |
| #2 | 15.02392 | 3.786926 | .2090954 | -.000377 | .6118112 | 1.929931 | .0111354 |
| #3 | 14.95563 | 3.798699 | .2081299 | .000179 | .6245386 | 1.926831 | .0082366 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-15DLX2 Acquired: 10/31/2024 4:21:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.204343 | .0632486 | .1519506 |
| Stddev | .005657 | .0008250 | .0000560 |
| %RSD | .2566270 | 1.304399 | .0368645 |
| | | | |
| #1 | 2.205712 | .0625959 | .1519265 |
| #2 | 2.209190 | .0629739 | .1519107 |
| #3 | 2.198127 | .0641759 | .1520146 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1007.928 | 24325.38 | 2825.771 | 877.8370 | 1753.045 |
| Stddev | 1.746 | 38.81 | 11.315 | 3.4369 | 2.398 |
| %RSD | .1732259 | .1595448 | .4004305 | .3915182 | .1367948 |
| | | | | | |
| #1 | 1007.168 | 24354.02 | 2812.774 | 881.3449 | 1752.454 |
| #2 | 1009.925 | 24281.21 | 2831.116 | 874.4758 | 1755.683 |
| #3 | 1006.691 | 24340.92 | 2833.425 | 877.6903 | 1750.997 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-16DLX2 Acquired: 10/31/2024 4:26:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J4 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2990653 | -.037325 | .3588126 | .0012078 | .0181842 | 97.45246 | 1.362562 |
| Stddev | .0040401 | .003117 | .0027596 | .0066355 | .0021859 | .18434 | .001831 |
| %RSD | 1.350902 | 8.352049 | .7690898 | 549.4077 | 12.02059 | .1891627 | .1343825 |
| #1 | .3034537 | -.040556 | .3616834 | -.002570 | .0168505 | 97.25926 | 1.361280 |
| #2 | .2982418 | -.034335 | .3585749 | .008870 | .0207068 | 97.62644 | 1.364659 |
| #3 | .2955005 | -.037085 | .3561796 | -.002677 | .0169953 | 97.47169 | 1.361747 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0061719 | .0138291 | 22.49010 | .2062230 | .1333273 | .8900029 | 265.2930 |
| Stddev | .0000999 | .0002773 | .08384 | .0005191 | .0009375 | .0045022 | .7847 |
| %RSD | 1.617767 | 2.005189 | .3727848 | .2516962 | .7031251 | .5058600 | .2957688 |
| #1 | .0062796 | .0139879 | 22.52938 | .2068092 | .1343685 | .8939787 | 264.8475 |
| #2 | .0061540 | .0135089 | 22.54709 | .2058218 | .1330632 | .8909157 | 266.1990 |
| #3 | .0060823 | .0139905 | 22.39383 | .2060380 | .1325503 | .8851142 | 264.8324 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.068883 | 47.51440 | .2509533 | -.026300 | 1.463639 | .5172700 | .8125716 |
| Stddev | .010405 | .26660 | .0004250 | .000338 | .214905 | .0130894 | .0014320 |
| %RSD | .1714529 | .5610920 | .1693616 | 1.285109 | 14.68290 | 2.530473 | .1762248 |
| #1 | 6.057049 | 47.20675 | .2505864 | -.026636 | 1.503015 | .5248149 | .8138077 |
| #2 | 6.072998 | 47.67764 | .2514190 | -.025960 | 1.656133 | .5021557 | .8129048 |
| #3 | 6.076601 | 47.65882 | .2508544 | -.026303 | 1.231769 | .5248394 | .8110025 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.33646 | 5.543950 | .2188207 | .0005568 | 1.073639 | 2.462486 | .0115532 |
| Stddev | .08554 | .021222 | .0013517 | .0001761 | .013460 | .010298 | .0002523 |
| %RSD | .4934076 | .3827977 | .6177383 | 31.62993 | 1.253712 | .4182131 | 2.184002 |
| #1 | 17.25195 | 5.555898 | .2202907 | .0006612 | 1.084618 | 2.451043 | .0112666 |
| #2 | 17.42299 | 5.519447 | .2176312 | .0006558 | 1.058622 | 2.471010 | .0117420 |
| #3 | 17.33443 | 5.556504 | .2185403 | .0003535 | 1.077677 | 2.465405 | .0116509 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-16DLX2 Acquired: 10/31/2024 4:26:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J4 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.474947 | .0787791 | .2502253 |
| Stddev | .013912 | .0025768 | .0006394 |
| %RSD | .5621261 | 3.270873 | .2555482 |
| | | | |
| #1 | 2.473908 | .0758042 | .2496245 |
| #2 | 2.489349 | .0803121 | .2501540 |
| #3 | 2.461583 | .0802210 | .2508974 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1010.499 | 24449.66 | 2860.474 | 879.7080 | 1723.506 |
| Stddev | 2.505 | 43.48 | 12.533 | .8768 | 1.285 |
| %RSD | .2479118 | .1778495 | .4381282 | .0996710 | .0745364 |
| | | | | | |
| #1 | 1007.846 | 24412.13 | 2874.045 | 880.7158 | 1722.327 |
| #2 | 1012.824 | 24439.54 | 2849.337 | 879.1209 | 1723.316 |
| #3 | 1010.828 | 24497.31 | 2858.040 | 879.2871 | 1724.875 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-17DLX2 Acquired: 10/31/2024 4:30:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1539387 | -.027751 | .1470074 | .0028775 | .0060783 | 96.93062 | 1.016597 |
| Stddev | .0046172 | .003872 | .0005469 | .0115161 | .0037358 | .05179 | .000965 |
| %RSD | 2.999343 | 13.95108 | .3720363 | 400.2155 | 61.46057 | .0534306 | .0948904 |
| #1 | .1537778 | -.032174 | .1476231 | .0119501 | .0054217 | 96.87150 | 1.015836 |
| #2 | .1586341 | -.024973 | .1465778 | -.010078 | .0027143 | 96.95239 | 1.017682 |
| #3 | .1494040 | -.026107 | .1468213 | .006761 | .0100988 | 96.96797 | 1.016274 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052217 | .0080336 | 64.06518 | .1996749 | .1120250 | .4825501 | 202.4056 |
| Stddev | .0001334 | .0001829 | .10935 | .0008188 | .0008553 | .0016654 | .3559 |
| %RSD | 2.553877 | 2.276558 | .1706926 | .4100689 | .7635116 | .3451301 | .1758157 |
| #1 | .0050711 | .0078224 | 63.94505 | .2004470 | .1110935 | .4840536 | 202.1482 |
| #2 | .0053245 | .0081365 | 64.15894 | .1988163 | .1122064 | .4807599 | 202.8117 |
| #3 | .0052697 | .0081417 | 64.09156 | .1997615 | .1127751 | .4828367 | 202.2569 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.336652 | 43.24292 | .1856425 | -.020441 | 1.789968 | .3949062 | .5196997 |
| Stddev | .015512 | .14852 | .0004424 | .000635 | .116568 | .0042735 | .0020486 |
| %RSD | .2906601 | .3434567 | .2383247 | 3.108189 | 6.512283 | 1.082163 | .3941934 |
| #1 | 5.347867 | 43.12820 | .1854790 | -.019809 | 1.908970 | .3965594 | .5220503 |
| #2 | 5.343138 | 43.41068 | .1861434 | -.021080 | 1.675997 | .3981062 | .5182941 |
| #3 | 5.318950 | 43.18989 | .1853051 | -.020435 | 1.784938 | .3900531 | .5187548 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 29.02605 | 6.722792 | .2021603 | .0013794 | 1.418373 | 2.942941 | .0061123 |
| Stddev | .12162 | .042761 | .0008469 | .0009053 | .010595 | .016305 | .0028854 |
| %RSD | .4190098 | .6360609 | .4189176 | 65.63104 | .7470005 | .5540266 | 47.20686 |
| #1 | 28.90910 | 6.766009 | .2018226 | .0003648 | 1.407477 | 2.931587 | .0093187 |
| #2 | 29.01720 | 6.721865 | .2031239 | .0016687 | 1.419004 | 2.961624 | .0037251 |
| #3 | 29.15186 | 6.680502 | .2015343 | .0021047 | 1.428639 | 2.935612 | .0052929 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-17DLX2 Acquired: 10/31/2024 4:30:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.601574 | .0685453 | .3428745 |
| Stddev | .006454 | .0010303 | .0002564 |
| %RSD | .2480890 | 1.503137 | .0747670 |
| | | | |
| #1 | 2.609003 | .0691784 | .3426708 |
| #2 | 2.598373 | .0691009 | .3427903 |
| #3 | 2.597345 | .0673564 | .3431623 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1020.018 | 24524.41 | 2883.332 | 880.3894 | 1709.633 |
| Stddev | 1.235 | 42.02 | 11.003 | 2.6099 | 4.367 |
| %RSD | .1210749 | .1713310 | .3816184 | .2964434 | .2554173 |
| | | | | | |
| #1 | 1019.141 | 24480.06 | 2894.168 | 878.4722 | 1705.400 |
| #2 | 1021.430 | 24563.62 | 2872.168 | 883.3616 | 1714.122 |
| #3 | 1019.482 | 24529.56 | 2883.659 | 879.3344 | 1709.378 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-18DLX2 Acquired: 10/31/2024 4:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1883196 | -.031227 | .2153805 | .0006023 | .0067340 | 96.96169 | .9652466 |
| Stddev | .0080996 | .003142 | .0023124 | .0039256 | .0010428 | .19924 | .0014125 |
| %RSD | 4.300996 | 10.06159 | 1.073650 | 651.7242 | 15.48639 | .2054835 | .1463373 |
| #1 | .1889607 | -.030566 | .2179797 | -.001495 | .0065384 | 96.81620 | .9659817 |
| #2 | .1799185 | -.028469 | .2135513 | -.001829 | .0058028 | 96.88009 | .9636181 |
| #3 | .1960796 | -.034647 | .2146105 | .005131 | .0078608 | 97.18878 | .9661399 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054262 | .0100336 | 36.32704 | .2181951 | .1216926 | .7003960 | 213.9919 |
| Stddev | .0000947 | .0002991 | .15957 | .0002287 | .0007985 | .0069011 | 1.0514 |
| %RSD | 1.745623 | 2.981332 | .4392613 | .1047893 | .6561259 | .9853103 | .4913186 |
| #1 | .0054807 | .0103282 | 36.21757 | .2182491 | .1221169 | .6976832 | 212.9633 |
| #2 | .0054811 | .0097301 | 36.25342 | .2183918 | .1221893 | .7082413 | 213.9477 |
| #3 | .0053168 | .0100426 | 36.51013 | .2179442 | .1207715 | .6952635 | 215.0647 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.912060 | 45.69164 | .2035757 | -.021539 | 3.152481 | .4349379 | .6324954 |
| Stddev | .013062 | .15871 | .0003302 | .000090 | .049798 | .0046054 | .0032989 |
| %RSD | .2659252 | .3473528 | .1622010 | .4160141 | 1.579649 | 1.058855 | .5215645 |
| #1 | 4.897274 | 45.76467 | .2039569 | -.021619 | 3.135575 | .4383821 | .6355136 |
| #2 | 4.916874 | 45.50956 | .2033941 | -.021442 | 3.113337 | .4297069 | .6329987 |
| #3 | 4.922033 | 45.80069 | .2033762 | -.021557 | 3.208531 | .4367246 | .6289738 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 34.20248 | 6.322075 | .2372205 | .0015278 | 1.148116 | 2.767345 | .0090418 |
| Stddev | .30009 | .017756 | .0026312 | .0005400 | .008482 | .014333 | .0033294 |
| %RSD | .8773986 | .2808583 | 1.109200 | 35.34396 | .7387524 | .5179306 | 36.82240 |
| #1 | 34.05533 | 6.333640 | .2342127 | .0009177 | 1.155932 | 2.750843 | .0075415 |
| #2 | 34.00437 | 6.301631 | .2383529 | .0017217 | 1.149317 | 2.774504 | .0067266 |
| #3 | 34.54775 | 6.330955 | .2390961 | .0019441 | 1.139097 | 2.776689 | .0128574 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-18DLX2 Acquired: 10/31/2024 4:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.694849 | .0688713 | .2328310 |
| Stddev | .010420 | .0011049 | .0002478 |
| %RSD | .3866728 | 1.604367 | .1064360 |
| | | | |
| #1 | 2.688955 | .0688610 | .2327582 |
| #2 | 2.688711 | .0677715 | .2326277 |
| #3 | 2.706880 | .0699813 | .2331071 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1023.028 | 24554.98 | 2884.770 | 880.9417 | 1721.728 |
| Stddev | 1.430 | 40.61 | 16.980 | 2.6962 | .766 |
| %RSD | .1398213 | .1653782 | .5886046 | .3060595 | .0444703 |
| | | | | | |
| #1 | 1023.612 | 24597.99 | 2904.030 | 879.6962 | 1721.616 |
| #2 | 1024.074 | 24549.65 | 2871.958 | 879.0935 | 1721.025 |
| #3 | 1021.398 | 24517.29 | 2878.324 | 884.0355 | 1722.544 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-19DLX2 Acquired: 10/31/2024 4:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0676313 | -.022957 | .0886559 | -.002591 | .0052989 | 59.14040 | .6000512 |
| Stddev | .0032460 | .002008 | .0036004 | .007228 | .0017864 | .09472 | .0017098 |
| %RSD | 4.799631 | 8.744889 | 4.061079 | 278.9916 | 33.71325 | .1601612 | .2849435 |
| #1 | .0711256 | -.023989 | .0894279 | .003486 | .0062215 | 59.03470 | .5988253 |
| #2 | .0647098 | -.024238 | .0847322 | -.010584 | .0064355 | 59.21760 | .5993238 |
| #3 | .0670585 | -.020643 | .0918077 | -.000675 | .0032398 | 59.16890 | .6020044 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0041010 | .0048957 | 35.38423 | .1585707 | .0831268 | .1748994 | 169.6951 |
| Stddev | .0001874 | .0003816 | .15701 | .0012862 | .0004909 | .0033140 | .6414 |
| %RSD | 4.569207 | 7.793968 | .4437246 | .8111242 | .5904933 | 1.894830 | .3779996 |
| #1 | .0038850 | .0050256 | 35.20431 | .1597507 | .0825633 | .1756841 | 168.9577 |
| #2 | .0041967 | .0044662 | 35.45489 | .1587616 | .0834616 | .1777507 | 170.0036 |
| #3 | .0042211 | .0051954 | 35.49349 | .1571997 | .0833555 | .1712635 | 170.1240 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.027198 | 29.46646 | .1373535 | -.019046 | 1.352179 | .4382194 | .2923576 |
| Stddev | .007498 | .10348 | .0007254 | .000571 | .138347 | .0031666 | .0023805 |
| %RSD | .2476975 | .3511779 | .5281445 | 2.996175 | 10.23138 | .7226138 | .8142589 |
| #1 | 3.019601 | 29.44550 | .1366468 | -.018770 | 1.491802 | .4345808 | .2896147 |
| #2 | 3.027397 | 29.57881 | .1373174 | -.019703 | 1.349590 | .4397256 | .2938847 |
| #3 | 3.034594 | 29.37506 | .1380963 | -.018666 | 1.215145 | .4403517 | .2935735 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.53812 | 4.250821 | .1425138 | -.001177 | .6283812 | 2.017660 | .0058107 |
| Stddev | .14782 | .009369 | .0012742 | .000274 | .0045168 | .010852 | .0031748 |
| %RSD | 1.091886 | .2204141 | .8940828 | 23.27173 | .7187978 | .5378704 | 54.63637 |
| #1 | 13.36787 | 4.240046 | .1435270 | -.000983 | .6237413 | 2.005131 | .0087103 |
| #2 | 13.61270 | 4.255365 | .1429312 | -.001490 | .6286383 | 2.023765 | .0063034 |
| #3 | 13.63380 | 4.257051 | .1410833 | -.001057 | .6327639 | 2.024086 | .0024184 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-19DLX2 Acquired: 10/31/2024 4:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.768012 | .0394978 | .1571368 |
| Stddev | .004196 | .0013175 | .0005431 |
| %RSD | .1515753 | 3.335524 | .3456521 |
| | | | |
| #1 | 2.764563 | .0405520 | .1566457 |
| #2 | 2.772683 | .0380209 | .1577202 |
| #3 | 2.766792 | .0399207 | .1570445 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1007.936 | 24279.72 | 2827.088 | 872.3313 | 1757.317 |
| Stddev | .875 | 40.11 | 6.871 | 2.4325 | 1.906 |
| %RSD | .0867915 | .1651830 | .2430576 | .2788478 | .1084844 |
| | | | | | |
| #1 | 1007.487 | 24233.66 | 2834.628 | 874.7009 | 1757.314 |
| #2 | 1007.377 | 24306.92 | 2821.179 | 869.8405 | 1759.225 |
| #3 | 1008.944 | 24298.57 | 2825.457 | 872.4525 | 1755.412 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-20DLX2 Acquired: 10/31/2024 4:43:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J8 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1087872 | -.020030 | .1242903 | -.005102 | .0014307 | 65.32526 | .7292881 |
| Stddev | .0039588 | .002720 | .0036980 | .003168 | .0019837 | .32454 | .0030251 |
| %RSD | 3.639070 | 13.57885 | 2.975281 | 62.09735 | 138.6514 | .4968128 | .4148083 |
| #1 | .1042174 | -.022602 | .1200260 | -.007824 | .0021388 | 65.36742 | .7302399 |
| #2 | .1111724 | -.020306 | .1266135 | -.005858 | .0029631 | 65.62666 | .7317229 |
| #3 | .1109718 | -.017183 | .1262315 | -.001624 | -.000810 | 64.98169 | .7259015 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0038233 | .0057601 | 53.95866 | .1454855 | .0766823 | .3399356 | 146.6877 |
| Stddev | .0000483 | .0000457 | .23744 | .0005665 | .0005291 | .0054666 | .5448 |
| %RSD | 1.263176 | .7926418 | .4400409 | .3893727 | .6900077 | 1.608131 | .3714022 |
| #1 | .0038788 | .0058010 | 54.03289 | .1456817 | .0760714 | .3439318 | 146.8569 |
| #2 | .0037912 | .0057108 | 54.15011 | .1448470 | .0769935 | .3421692 | 147.1279 |
| #3 | .0037998 | .0057685 | 53.69297 | .1459278 | .0769822 | .3337059 | 146.0784 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.623828 | 34.70723 | .1459312 | -.015440 | 1.261379 | .3009068 | .4684822 |
| Stddev | .016986 | .42312 | .0003125 | .000440 | .155581 | .0037688 | .0026179 |
| %RSD | .4687171 | 1.219113 | .2141691 | 2.849867 | 12.33420 | 1.252475 | .5587977 |
| #1 | 3.608334 | 34.25074 | .1462237 | -.014950 | 1.389423 | .2968224 | .4654667 |
| #2 | 3.641990 | 35.08628 | .1456019 | -.015802 | 1.088229 | .3042497 | .4698068 |
| #3 | 3.621161 | 34.78468 | .1459681 | -.015567 | 1.306486 | .3016484 | .4701730 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.60016 | 5.617366 | .1449114 | .0003571 | 2.238590 | 2.684980 | .0064240 |
| Stddev | .12935 | .019652 | .0011453 | .0002414 | .003551 | .019390 | .0028956 |
| %RSD | .6954284 | .3498433 | .7903239 | 67.59655 | .1586100 | .7221536 | 45.07499 |
| #1 | 18.61772 | 5.598477 | .1461613 | .0005568 | 2.234577 | 2.684338 | .0096977 |
| #2 | 18.71983 | 5.637701 | .1446605 | .0004259 | 2.239868 | 2.704682 | .0041984 |
| #3 | 18.46292 | 5.615919 | .1439124 | .0000888 | 2.241324 | 2.665919 | .0053759 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-20DLX2 Acquired: 10/31/2024 4:43:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J8 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.114996 | .0450038 | .3386072 |
| Stddev | .009309 | .0010061 | .0012136 |
| %RSD | .4401383 | 2.235618 | .3584057 |
| | | | |
| #1 | 2.116346 | .0443558 | .3384753 |
| #2 | 2.123555 | .0461628 | .3398813 |
| #3 | 2.105085 | .0444927 | .3374649 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 996.8444 | 24069.57 | 2845.001 | 866.5063 | 1733.459 |
| Stddev | 1.4792 | 64.58 | 19.351 | 2.2040 | 1.921 |
| %RSD | .1483839 | .2683153 | .6801597 | .2543560 | .1108110 |
| | | | | | |
| #1 | 995.1540 | 23995.05 | 2837.393 | 867.6207 | 1732.652 |
| #2 | 997.9012 | 24104.35 | 2830.610 | 863.9676 | 1732.073 |
| #3 | 997.4780 | 24109.31 | 2866.999 | 867.9307 | 1735.652 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-21DLX2 Acquired: 10/31/2024 4:48:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1049034 | -.029964 | .1257188 | .0007667 | .0056476 | 106.9601 | 1.097206 |
| Stddev | .0050840 | .005457 | .0019482 | .0059213 | .0028607 | .1040 | .000868 |
| %RSD | 4.846379 | 18.21162 | 1.549638 | 772.2594 | 50.65337 | .0972662 | .0791059 |
| #1 | .1082361 | -.023836 | .1271998 | .0063827 | .0045825 | 107.0767 | 1.097015 |
| #2 | .0990517 | -.031758 | .1264446 | .0013363 | .0088880 | 106.8767 | 1.096449 |
| #3 | .1074223 | -.034299 | .1235119 | -.005419 | .0034722 | 106.9269 | 1.098153 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059531 | .0072669 | 50.97496 | .2053379 | .1181721 | .3313327 | 199.0407 |
| Stddev | .0000966 | .0003925 | .11160 | .0011210 | .0006417 | .0028631 | .6874 |
| %RSD | 1.622682 | 5.401466 | .2189234 | .5459300 | .5430450 | .8641235 | .3453708 |
| #1 | .0058494 | .0071176 | 51.10375 | .2062354 | .1187627 | .3294433 | 199.7811 |
| #2 | .0059695 | .0077122 | 50.91410 | .2040814 | .1174892 | .3346269 | 198.9183 |
| #3 | .0060405 | .0069709 | 50.90702 | .2056969 | .1182642 | .3299279 | 198.4226 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.149644 | 44.95456 | .2056233 | -.022086 | 1.587217 | .3841407 | .4645257 |
| Stddev | .008948 | .04194 | .0010474 | .000199 | .404902 | .0115066 | .0022933 |
| %RSD | .1737564 | .0932883 | .5093662 | .9015542 | 25.51019 | 2.995404 | .4936857 |
| #1 | 5.142619 | 44.94111 | .2044616 | -.022312 | 1.122803 | .3967047 | .4666191 |
| #2 | 5.159718 | 45.00157 | .2059129 | -.022010 | 1.772676 | .3741157 | .4620745 |
| #3 | 5.146595 | 44.92100 | .2064954 | -.021937 | 1.866172 | .3816017 | .4648834 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.20223 | 6.537708 | .1789621 | -.000861 | 1.148396 | 2.217159 | .0060789 |
| Stddev | .11240 | .005753 | .0012785 | .000467 | .012502 | .003344 | .0041905 |
| %RSD | .4131908 | .0880049 | .7144004 | 54.29434 | 1.088676 | .1508272 | 68.93566 |
| #1 | 27.30552 | 6.534576 | .1804318 | -.001054 | 1.162132 | 2.217918 | .0016416 |
| #2 | 27.08253 | 6.534200 | .1781073 | -.001201 | 1.145375 | 2.220057 | .0099689 |
| #3 | 27.21865 | 6.544348 | .1783470 | -.000328 | 1.137682 | 2.213500 | .0066263 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-21DLX2 Acquired: 10/31/2024 4:48:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.949030 | .0727791 | .2473830 |
| Stddev | .003984 | .0015657 | .0004654 |
| %RSD | .1350850 | 2.151285 | .1881299 |
| | | | |
| #1 | 2.944937 | .0713900 | .2479201 |
| #2 | 2.949259 | .0724715 | .2470992 |
| #3 | 2.952894 | .0744757 | .2471297 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1033.647 | 24905.02 | 2953.540 | 895.3397 | 1710.950 |
| Stddev | 1.228 | 27.89 | 3.094 | 2.8896 | 1.927 |
| %RSD | .1187614 | .1119844 | .1047712 | .3227406 | .1126265 |
| | | | | | |
| #1 | 1034.960 | 24902.57 | 2950.137 | 892.2766 | 1713.034 |
| #2 | 1033.453 | 24934.06 | 2956.185 | 898.0171 | 1710.581 |
| #3 | 1032.528 | 24878.44 | 2954.297 | 895.7254 | 1709.234 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-22DLX2 Acquired: 10/31/2024 4:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1118986 | -.022054 | .1115299 | .0000692 | .0032179 | 82.31615 | .7695170 |
| Stddev | .0090499 | .005950 | .0005333 | .0031119 | .0032350 | .19816 | .0017693 |
| %RSD | 8.087625 | 26.97998 | .4781411 | 4498.201 | 100.5323 | .2407261 | .2299274 |
| #1 | .1129755 | -.019602 | .1109155 | .0034657 | .0054665 | 82.27839 | .7706353 |
| #2 | .1023584 | -.028838 | .1118717 | -.000614 | -.000490 | 82.53046 | .7704385 |
| #3 | .1203619 | -.017722 | .1118026 | -.002645 | .004677 | 82.13959 | .7674771 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0045178 | .0059613 | 39.69325 | .1612931 | .0931744 | .3519438 | 167.6532 |
| Stddev | .0002179 | .0001251 | .24940 | .0004437 | .0010926 | .0015480 | .6260 |
| %RSD | 4.823789 | 2.097833 | .6283127 | .2750741 | 1.172679 | .4398303 | .3733773 |
| #1 | .0043076 | .0058171 | 39.81809 | .1616664 | .0930997 | .3515359 | 168.0952 |
| #2 | .0045031 | .0060280 | 39.85558 | .1614104 | .0921211 | .3536548 | 167.9276 |
| #3 | .0047427 | .0060390 | 39.40609 | .1608026 | .0943025 | .3506406 | 166.9369 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.902925 | 35.86360 | .1439094 | -.019036 | 1.393014 | .3312490 | .4025141 |
| Stddev | .014422 | .28427 | .0003836 | .000528 | .271635 | .0084760 | .0013127 |
| %RSD | .3695069 | .7926416 | .2665618 | 2.776184 | 19.49979 | 2.558793 | .3261292 |
| #1 | 3.914337 | 36.02454 | .1434728 | -.018625 | 1.096441 | .3285212 | .4028924 |
| #2 | 3.907723 | 36.03089 | .1440633 | -.018850 | 1.452876 | .3244729 | .4035961 |
| #3 | 3.886716 | 35.53537 | .1441923 | -.019632 | 1.629725 | .3407531 | .4010537 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.65878 | 5.086506 | .1609004 | .0002548 | .9825744 | 1.594821 | .0071004 |
| Stddev | .10310 | .004353 | .0007221 | .0002770 | .0058480 | .000812 | .0007562 |
| %RSD | .3727425 | .0855770 | .4487981 | 108.7153 | .5951680 | .0509401 | 10.65053 |
| #1 | 27.76525 | 5.085763 | .1617163 | .0002141 | .9804707 | 1.595630 | .0062612 |
| #2 | 27.65166 | 5.082573 | .1606418 | .0005498 | .9780692 | 1.594826 | .0077289 |
| #3 | 27.55943 | 5.091183 | .1603433 | .0000003 | .9891831 | 1.594006 | .0073112 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4484-22DLX2 Acquired: 10/31/2024 4:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4L3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.247377 | .0525481 | .2261678 |
| Stddev | .007824 | .0010111 | .0006763 |
| %RSD | .3481446 | 1.924065 | .2990447 |
| | | | |
| #1 | 2.253520 | .0523265 | .2257879 |
| #2 | 2.250043 | .0516663 | .2269486 |
| #3 | 2.238569 | .0536516 | .2257667 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1017.378 | 24441.69 | 2869.402 | 875.2524 | 1729.453 |
| Stddev | .009 | 88.69 | 11.249 | 4.1881 | 1.168 |
| %RSD | .0009325 | .3628687 | .3920317 | .4785012 | .0675498 |
| | | | | | |
| #1 | 1017.383 | 24363.02 | 2862.241 | 874.9751 | 1728.625 |
| #2 | 1017.367 | 24424.25 | 2863.597 | 871.2098 | 1728.944 |
| #3 | 1017.383 | 24537.81 | 2882.368 | 879.5723 | 1730.789 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BL Acquired: 10/31/2024 4:57:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS455 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.007042 | -.001255 | -.001541 | .0013506 | -.000250 | -.004431 | -.003646 |
| Stddev | .003224 | .000922 | .001287 | .0035470 | .002063 | .008856 | .001193 |
| %RSD | 45.77915 | 73.44207 | 83.56389 | 262.6189 | 823.7195 | 199.8476 | 32.72623 |
| #1 | -.009848 | -.000953 | -.000223 | .0047667 | .000412 | -.002497 | -.004746 |
| #2 | -.003521 | -.002289 | -.001603 | -.002314 | .001400 | -.014095 | -.003815 |
| #3 | -.007757 | -.000522 | -.002796 | .001599 | -.002563 | .003297 | -.002378 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000011 | -.000086 | .0212211 | -.001054 | .0006719 | -.003337 | -.019745 |
| Stddev | .000125 | .000088 | .0019030 | .000706 | .0003360 | .001585 | .008573 |
| %RSD | 1177.100 | 102.9854 | 8.967387 | 66.98908 | 50.00719 | 47.48017 | 43.41818 |
| #1 | -.000008 | -.000050 | .0195480 | -.001692 | .0010354 | -.004285 | -.012006 |
| #2 | -.000137 | -.000021 | .0232913 | -.000295 | .0003727 | -.004218 | -.028961 |
| #3 | .000113 | -.000187 | .0208240 | -.001176 | .0006077 | -.001508 | -.018269 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000500 | -.047361 | -.000526 | -.005704 | .2496405 | .0023664 | -.000298 |
| Stddev | .002095 | .128876 | .000746 | .000173 | .3205724 | .0119522 | .000193 |
| %RSD | 418.9005 | 272.1167 | 141.7613 | 3.035794 | 128.4136 | 505.0791 | 64.77996 |
| #1 | -.001087 | -.139139 | -.001116 | -.005526 | .3641513 | -.011096 | -.000193 |
| #2 | .001826 | .099976 | .000312 | -.005715 | -.112463 | .011729 | -.000522 |
| #3 | -.002240 | -.102918 | -.000775 | -.005872 | .497233 | .006466 | -.000181 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0143487 | -.000977 | -.005825 | -.000315 | .0024213 | .0000176 | .0012859 |
| Stddev | .0988524 | .003482 | .000722 | .000261 | .0055138 | .0002067 | .0006940 |
| %RSD | 688.9297 | 356.2236 | 12.39910 | 82.88116 | 227.7180 | 1177.842 | 53.96912 |
| #1 | -.093282 | .000459 | -.006504 | -.000064 | .0010595 | .0000760 | .0019517 |
| #2 | .035247 | -.004948 | -.005066 | -.000585 | .0084884 | -.000212 | .0013393 |
| #3 | .101081 | .001557 | -.005906 | -.000296 | -.002284 | .000189 | .0005668 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BL Acquired: 10/31/2024 4:57:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS455 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000081 | -.001563 | -.000271 |
| Stddev | .001110 | .000807 | .000066 |
| %RSD | 1372.877 | 51.63106 | 24.39701 |
| | | | |
| #1 | -.001180 | -.000937 | -.000345 |
| #2 | .001039 | -.001278 | -.000250 |
| #3 | -.000102 | -.002474 | -.000218 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 972.5056 | 23061.50 | 2659.833 | 836.0438 | 1864.095 |
| Stddev | 1.5674 | 50.19 | 30.516 | 4.0254 | 1.859 |
| %RSD | .1611669 | .2176140 | 1.147293 | .4814774 | .0997492 |
| | | | | | |
| #1 | 973.9816 | 23023.88 | 2690.332 | 835.2193 | 1864.484 |
| #2 | 970.8605 | 23042.13 | 2629.300 | 832.4945 | 1865.729 |
| #3 | 972.6746 | 23118.48 | 2659.868 | 840.4176 | 1862.071 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BS Acquired: 10/31/2024 5:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS455 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0205962 | .0573324 | .0201012 | .0694574 | .1125129 | .4125434 |
| Stddev | .0006401 | .0012691 | .0019497 | .0017432 | .0048655 | .0073667 |
| %RSD | 3.108007 | 2.213565 | 9.699229 | 2.509712 | 4.324374 | 1.785682 |
| #1 | .0201935 | .0577831 | .0217233 | .0706686 | .1070600 | .4202409 |
| #2 | .0202606 | .0583146 | .0206420 | .0674595 | .1140679 | .4055594 |
| #3 | .0213343 | .0558995 | .0179382 | .0702440 | .1164107 | .4118298 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4407756 | .0115096 | .0109136 | 11.03782 | .0224096 | .1042694 |
| Stddev | .0013061 | .0001373 | .0000779 | .01985 | .0007258 | .0005807 |
| %RSD | .2963229 | 1.192835 | .7142458 | .1798469 | 3.238560 | .5568806 |
| #1 | .4422837 | .0113513 | .0108328 | 11.05186 | .0220128 | .1041278 |
| #2 | .4400380 | .0115806 | .0109195 | 11.01511 | .0232472 | .1049077 |
| #3 | .4400052 | .0115967 | .0109884 | 11.04649 | .0219687 | .1037726 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0559125 | .1901887 | .0336448 | 10.78533 | .0870102 | .0181728 |
| Stddev | .0041984 | .0193117 | .0006482 | .05799 | .0009155 | .0003460 |
| %RSD | 7.508893 | 10.15397 | 1.926560 | .5376506 | 1.052214 | 1.904156 |
| #1 | .0605056 | .2124383 | .0336002 | 10.84562 | .0869529 | .0177950 |
| #2 | .0522728 | .1803521 | .0343140 | 10.78039 | .0879531 | .0184743 |
| #3 | .0549591 | .1777758 | .0330200 | 10.72996 | .0861247 | .0182493 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.59209 | .1088648 | .1232373 | 10.07209 | .0173133 | F -.005857 |
| Stddev | .39166 | .0094597 | .0004231 | .13234 | .0034765 | .001520 |
| %RSD | 3.697697 | 8.689355 | .3432878 | 1.313974 | 20.07989 | 25.94998 |
| #1 | 10.76302 | .1178952 | .1233646 | 9.92175 | .0140790 | -.004614 |
| #2 | 10.14401 | .1096717 | .1235822 | 10.17100 | .0209896 | -.005405 |
| #3 | 10.86924 | .0990276 | .1227653 | 10.12351 | .0168712 | -.007551 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BS Acquired: 10/31/2024 5:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS455 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .0199474 | .1812106 | F .4598749 | .0151891 | .2076867 | .0295056 |
| Stddev | .0004301 | .0080657 | .0016367 | .0009553 | .0016243 | .0013354 |
| %RSD | 2.156182 | 4.450996 | .3559087 | 6.289072 | .7820987 | 4.525850 |
| #1 | .0198191 | .1902754 | .4596170 | .0162860 | .2084026 | .0279957 |
| #2 | .0204270 | .1785295 | .4583825 | .0147411 | .2058274 | .0305312 |
| #3 | .0195960 | .1748269 | .4616253 | .0145401 | .2088301 | .0299901 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2169570 |
| Stddev | .0004557 |
| %RSD | .2100335 |
| #1 | .2174757 |
| #2 | .2166211 |
| #3 | .2167742 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 964.1975 | 22994.28 | 2645.466 | 834.1963 | 1823.370 |
| Stddev | 2.1713 | 76.60 | 9.369 | 3.4463 | 1.179 |
| %RSD | .2251911 | .3331137 | .3541452 | .4131252 | .0646842 |
| #1 | 965.7712 | 23005.69 | 2645.689 | 830.5872 | 1824.337 |
| #2 | 965.1008 | 22912.61 | 2654.722 | 834.5493 | 1822.056 |
| #3 | 961.7203 | 23064.52 | 2635.988 | 837.4526 | 1823.717 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BSD Acquired: 10/31/2024 5:06:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD455 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060250 | .0279582 | .0110720 | .0332197 | .0593430 | .2177770 | .2208258 |
| Stddev | .0042349 | .0026106 | .0011633 | .0027435 | .0021782 | .0123897 | .0013153 |
| %RSD | 70.28892 | 9.337314 | 10.50682 | 8.258538 | 3.670529 | 5.689146 | .5956201 |
| #1 | .0057327 | .0301343 | .0116379 | .0342012 | .0568284 | .2299639 | .2193201 |
| #2 | .0103984 | .0250637 | .0118441 | .0301205 | .0605542 | .2181730 | .2214061 |
| #3 | .0019438 | .0286767 | .0097340 | .0353374 | .0606464 | .2051940 | .2217511 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059158 | .0056003 | 5.603090 | .0111930 | .0530217 | .0274209 | .0884911 |
| Stddev | .0001337 | .0001133 | .023463 | .0010184 | .0007452 | .0030572 | .0387758 |
| %RSD | 2.259848 | 2.023589 | .4187563 | 9.098685 | 1.405466 | 11.14932 | 43.81886 |
| #1 | .0057716 | .0057070 | 5.579136 | .0122371 | .0525359 | .0300712 | .0696211 |
| #2 | .0060357 | .0054814 | 5.626029 | .0102024 | .0526495 | .0240762 | .0627621 |
| #3 | .0059402 | .0056125 | 5.604106 | .0111395 | .0538797 | .0281152 | .1330901 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0170918 | 5.510779 | .0440516 | .0074501 | 5.107764 | .0568976 | .0594020 |
| Stddev | .0008059 | .187981 | .0004727 | .0005323 | .540711 | .0022548 | .0007489 |
| %RSD | 4.715155 | 3.411152 | 1.073150 | 7.144827 | 10.58607 | 3.962836 | 1.260723 |
| #1 | .0179761 | 5.535870 | .0435612 | .0071072 | 5.726208 | .0592052 | .0601176 |
| #2 | .0163986 | 5.684954 | .0445045 | .0080634 | 4.724285 | .0567880 | .0586238 |
| #3 | .0169009 | 5.311512 | .0440892 | .0071799 | 4.872798 | .0546997 | .0594647 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.150221 | .0084753 | -.005769 | .0103224 | .0915063 | .2337790 | .0093178 |
| Stddev | .138074 | .0004899 | .000604 | .0001514 | .0058917 | .0019373 | .0005646 |
| %RSD | 2.680928 | 5.780457 | 10.47335 | 1.466523 | 6.438515 | .8286944 | 6.059926 |
| #1 | 5.101731 | .0079097 | -.006456 | .0101645 | .0963404 | .2315734 | .0087538 |
| #2 | 5.306000 | .0087657 | -.005324 | .0103365 | .0932347 | .2352055 | .0093166 |
| #3 | 5.042934 | .0087506 | -.005525 | .0104663 | .0849437 | .2345580 | .0098831 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164455BSD Acquired: 10/31/2024 5:06:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD455 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1063596 | .0124315 | .1102241 |
| Stddev | .0022740 | .0007980 | .0003698 |
| %RSD | 2.138031 | 6.419092 | .3354592 |
| | | | |
| #1 | .1062654 | .0115547 | .1098543 |
| #2 | .1041341 | .0126246 | .1105938 |
| #3 | .1086792 | .0131153 | .1102241 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 967.0160 | 22990.94 | 2642.454 | 838.2718 | 1844.896 |
| Stddev | .9442 | 36.64 | 11.031 | 4.5106 | 1.787 |
| %RSD | .0976440 | .1593607 | .4174664 | .5380877 | .0968632 |
| | | | | | |
| #1 | 967.6534 | 23025.57 | 2655.121 | 835.0400 | 1843.318 |
| #2 | 967.4634 | 22952.58 | 2634.964 | 843.4250 | 1846.836 |
| #3 | 965.9312 | 22994.66 | 2637.275 | 836.3505 | 1844.533 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-01DLX2 Acquired: 10/31/2024 5:10:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2645858 | -.021599 | .2500782 | .0005488 | .0037082 | 97.73399 | 1.359133 |
| Stddev | .0091399 | .002429 | .0027617 | .0040734 | .0024623 | .18110 | .001402 |
| %RSD | 3.454414 | 11.24414 | 1.104345 | 742.2653 | 66.40144 | .1852998 | .1031419 |
| #1 | .2543508 | -.020377 | .2528667 | .0004194 | .0008715 | 97.63814 | 1.357729 |
| #2 | .2674739 | -.024396 | .2500236 | -.003458 | .0052929 | 97.94287 | 1.360533 |
| #3 | .2719328 | -.020023 | .2473441 | .004685 | .0049603 | 97.62096 | 1.359136 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0064323 | .0120982 | 16.20015 | .2186881 | .1542405 | .6659531 | 247.9905 |
| Stddev | .0000430 | .0001957 | .10818 | .0002530 | .0003777 | .0072457 | .9305 |
| %RSD | .6687339 | 1.618023 | .6677578 | .1156692 | .2448510 | 1.088014 | .3752013 |
| #1 | .0064319 | .0122501 | 16.13765 | .2186866 | .1538047 | .6729660 | 247.6667 |
| #2 | .0063895 | .0118773 | 16.32507 | .2189418 | .1544436 | .6663981 | 249.0396 |
| #3 | .0064755 | .0121673 | 16.13774 | .2184359 | .1544731 | .6584952 | 247.2652 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.891609 | 49.82572 | .2707136 | -.026384 | 1.204739 | .4674979 | .6268350 |
| Stddev | .014572 | .05978 | .0011990 | .000117 | .267366 | .0083908 | .0036195 |
| %RSD | .2114395 | .1199827 | .4428859 | .4437204 | 22.19285 | 1.794834 | .5774197 |
| #1 | 6.875148 | 49.76425 | .2697241 | -.026512 | 1.147170 | .4608082 | .6288032 |
| #2 | 6.896819 | 49.88366 | .2720469 | -.026357 | 1.496200 | .4647731 | .6226579 |
| #3 | 6.902859 | 49.82924 | .2703697 | -.026282 | .970847 | .4769125 | .6290439 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.99793 | 4.416056 | .2019191 | -.000613 | .5664325 | 4.797396 | .0079426 |
| Stddev | .06614 | .006988 | .0005300 | .000290 | .0078272 | .037840 | .0005454 |
| %RSD | .3481644 | .1582347 | .2624750 | 47.34622 | 1.381846 | .7887614 | 6.866576 |
| #1 | 18.92180 | 4.424123 | .2024891 | -.000918 | .5585705 | 4.785537 | .0080046 |
| #2 | 19.03060 | 4.412151 | .2014411 | -.000581 | .5665026 | 4.839745 | .0084544 |
| #3 | 19.04137 | 4.411892 | .2018273 | -.000340 | .5742245 | 4.766906 | .0073689 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-01DLX2 Acquired: 10/31/2024 5:10:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.259522 | .0835367 | .1725185 |
| Stddev | .005338 | .0003617 | .0003050 |
| %RSD | .2362472 | .4329611 | .1768064 |
| | | | |
| #1 | 2.264167 | .0831743 | .1721927 |
| #2 | 2.260708 | .0838976 | .1727973 |
| #3 | 2.253690 | .0835380 | .1725656 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1021.306 | 24661.53 | 2875.240 | 885.7329 | 1736.473 |
| Stddev | 2.351 | 29.67 | 16.153 | 4.4726 | .575 |
| %RSD | .2302236 | .1203191 | .5618103 | .5049619 | .0331379 |
| | | | | | |
| #1 | 1020.810 | 24643.59 | 2877.121 | 883.6431 | 1737.136 |
| #2 | 1023.866 | 24645.23 | 2858.229 | 890.8679 | 1736.186 |
| #3 | 1019.243 | 24695.78 | 2890.371 | 882.6877 | 1736.098 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-02DLX2 Acquired: 10/31/2024 5:15:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2377112 | -.028666 | .2212096 | .0000345 | .0056817 | 91.41089 | 1.213827 |
| Stddev | .0058246 | .002462 | .0033636 | .0050714 | .0055917 | .27284 | .004130 |
| %RSD | 2.450284 | 8.586873 | 1.520542 | 14706.93 | 98.41705 | .2984809 | .3402669 |
| #1 | .2444320 | -.031053 | .2223411 | .0042879 | .0104403 | 91.64956 | 1.215932 |
| #2 | .2345726 | -.028809 | .2174262 | .0013937 | .0070818 | 91.11346 | 1.209068 |
| #3 | .2341290 | -.026136 | .2238616 | -.005578 | -.000477 | 91.46967 | 1.216480 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058808 | .0096293 | 14.75347 | .1854665 | .1332207 | .5684350 | 221.5578 |
| Stddev | .0003048 | .0002036 | .04931 | .0010754 | .0004067 | .0033473 | .1798 |
| %RSD | 5.182550 | 2.114364 | .3342005 | .5798522 | .3052534 | .5888712 | .0811380 |
| #1 | .0059430 | .0094131 | 14.76274 | .1866613 | .1335801 | .5651914 | 221.4694 |
| #2 | .0061497 | .0096577 | 14.70019 | .1845760 | .1327792 | .5718772 | 221.7646 |
| #3 | .0055497 | .0098173 | 14.79748 | .1851622 | .1333028 | .5682365 | 221.4393 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.335647 | 46.20134 | .2353506 | -.024359 | .9185187 | .4374569 | .5599173 |
| Stddev | .014915 | .06457 | .0004967 | .000703 | .2785024 | .0084560 | .0014009 |
| %RSD | .2354114 | .1397643 | .2110621 | 2.887973 | 30.32082 | 1.932991 | .2501961 |
| #1 | 6.333876 | 46.27551 | .2358969 | -.023969 | 1.234340 | .4423148 | .5583048 |
| #2 | 6.321697 | 46.15763 | .2349260 | -.025171 | .708107 | .4276928 | .5606121 |
| #3 | 6.351368 | 46.17088 | .2352289 | -.023937 | .813109 | .4423631 | .5608350 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.22702 | 3.930618 | .1792915 | -.001192 | .4441657 | 5.859021 | .0091020 |
| Stddev | .05259 | .014773 | .0010002 | .000356 | .0082989 | .006434 | .0023901 |
| %RSD | .3052955 | .3758363 | .5578544 | 29.83922 | 1.868413 | .1098132 | 26.25875 |
| #1 | 17.17515 | 3.944497 | .1783168 | -.000897 | .4535362 | 5.864231 | .0113944 |
| #2 | 17.22560 | 3.915090 | .1803154 | -.001587 | .4377438 | 5.851830 | .0092865 |
| #3 | 17.28031 | 3.932267 | .1792424 | -.001093 | .4412171 | 5.861004 | .0066250 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-02DLX2 Acquired: 10/31/2024 5:15:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.135323 | .0764614 | .1517989 |
| Stddev | .003915 | .0010268 | .0000616 |
| %RSD | .1833318 | 1.342941 | .0406093 |
| | | | |
| #1 | 2.139086 | .0754917 | .1518584 |
| #2 | 2.131273 | .0775371 | .1518029 |
| #3 | 2.135609 | .0763554 | .1517353 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1013.782 | 24451.90 | 2838.507 | 874.6996 | 1740.035 |
| Stddev | 2.795 | 46.79 | 10.510 | 3.0243 | 1.884 |
| %RSD | .2756975 | .1913441 | .3702774 | .3457521 | .1082910 |
| | | | | | |
| #1 | 1013.810 | 24463.58 | 2831.938 | 877.2437 | 1737.913 |
| #2 | 1016.563 | 24491.74 | 2850.630 | 875.4992 | 1741.513 |
| #3 | 1010.973 | 24400.38 | 2832.955 | 871.3558 | 1740.679 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-03DLX2 Acquired: 10/31/2024 5:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3444392 | .0735895 | .2917618 | .1707644 | .1776279 | 101.2837 | 5.374996 |
| Stddev | .0064486 | .0021823 | .0019464 | .0066704 | .0007667 | .1320 | .004104 |
| %RSD | 1.872200 | 2.965493 | .6671084 | 3.906207 | .4316547 | .1302802 | .0763581 |
| #1 | .3518775 | .0759593 | .2900411 | .1675815 | .1782844 | 101.1598 | 5.378952 |
| #2 | .3404224 | .0716627 | .2938742 | .1662815 | .1778143 | 101.4224 | 5.375278 |
| #3 | .3410178 | .0731465 | .2913701 | .1784300 | .1767852 | 101.2688 | 5.370758 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1071749 | .1139048 | 16.16430 | .6280012 | 1.178247 | 1.124780 | 249.4424 |
| Stddev | .0005007 | .0002426 | .07686 | .0034342 | .001387 | .001429 | .6955 |
| %RSD | .4671834 | .2129468 | .4754778 | .5468397 | .1176873 | .1270253 | .2788190 |
| #1 | .1066518 | .1136289 | 16.09903 | .6253912 | 1.179845 | 1.125477 | 249.0466 |
| #2 | .1076497 | .1140006 | 16.24901 | .6267207 | 1.177534 | 1.125726 | 250.2454 |
| #3 | .1072232 | .1140848 | 16.14486 | .6318916 | 1.177362 | 1.123136 | 249.0351 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.891960 | 49.49800 | 1.299546 | .0684128 | 1.130753 | 1.467422 | 1.459152 |
| Stddev | .017282 | .06563 | .001505 | .0010705 | .212316 | .003906 | .001404 |
| %RSD | .2189801 | .1326008 | .1158243 | 1.564787 | 18.77651 | .2662014 | .0962105 |
| #1 | 7.895261 | 49.52705 | 1.298859 | .0696486 | 1.054368 | 1.462918 | 1.459456 |
| #2 | 7.907354 | 49.42285 | 1.301272 | .0678165 | .967197 | 1.469475 | 1.460380 |
| #3 | 7.873266 | 49.54410 | 1.298507 | .0677732 | 1.370692 | 1.469874 | 1.457622 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 19.07164 | 4.441957 | .2008047 | -.001460 | .5793698 | 4.797866 | .0107676 |
| Stddev | .04915 | .008662 | .0017906 | .000506 | .0071803 | .009854 | .0001615 |
| %RSD | .2577110 | .1950103 | .8917177 | 34.66592 | 1.239332 | .2053731 | 1.499759 |
| #1 | 19.02890 | 4.450878 | .2011920 | -.001750 | .5826714 | 4.786489 | .0106677 |
| #2 | 19.06068 | 4.441414 | .2023699 | -.000876 | .5843055 | 4.803422 | .0106812 |
| #3 | 19.12535 | 4.433579 | .1988521 | -.001755 | .5711326 | 4.803687 | .0109539 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-03DLX2 Acquired: 10/31/2024 5:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.247222 | .0838316 | .1731880 |
| Stddev | .007480 | .0012638 | .0004337 |
| %RSD | .3328731 | 1.507515 | .2504153 |
| | | | |
| #1 | 2.240649 | .0823753 | .1730428 |
| #2 | 2.255361 | .0844792 | .1736756 |
| #3 | 2.245656 | .0846403 | .1728455 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1013.708 | 24512.75 | 2857.610 | 878.3858 | 1717.258 |
| Stddev | 1.608 | 47.55 | 11.468 | 3.3939 | 1.202 |
| %RSD | .1586564 | .1939707 | .4013140 | .3863761 | .0700143 |
| | | | | | |
| #1 | 1011.996 | 24458.10 | 2868.975 | 877.1934 | 1715.877 |
| #2 | 1015.187 | 24535.55 | 2846.042 | 875.7489 | 1717.829 |
| #3 | 1013.942 | 24544.61 | 2857.813 | 882.2149 | 1718.069 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV005 Acquired: 10/31/2024 5:23:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.210290 | 4.881715 | 24.99747 | 4.824313 | 4.847285 | 405.6594 | 10.46294 |
| Stddev | .008542 | .011363 | .02220 | .016268 | .004026 | 1.2684 | .03181 |
| %RSD | .1639508 | .2327709 | .0888104 | .3372070 | .0830554 | .3126871 | .3040716 |
| #1 | 5.213062 | 4.888441 | 25.02103 | 4.821656 | 4.851854 | 404.2949 | 10.43603 |
| #2 | 5.217102 | 4.888108 | 24.99445 | 4.841746 | 4.844257 | 405.8805 | 10.45474 |
| #3 | 5.200706 | 4.868595 | 24.97694 | 4.809537 | 4.845744 | 406.8027 | 10.49806 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5172653 | 2.509622 | 393.4414 | 15.14740 | 2.519807 | 14.98179 | 398.4639 |
| Stddev | .0034109 | .001909 | .6879 | .03284 | .004109 | .05364 | .6194 |
| %RSD | .6594146 | .0760796 | .1748475 | .2167902 | .1630803 | .3580064 | .1554467 |
| #1 | .5150556 | 2.510816 | 392.6869 | 15.14931 | 2.516844 | 14.93615 | 397.7488 |
| #2 | .5155466 | 2.507420 | 394.0337 | 15.17923 | 2.518079 | 14.96837 | 398.8328 |
| #3 | .5211937 | 2.510630 | 393.6037 | 15.11364 | 2.524498 | 15.04087 | 398.8101 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.92953 | 386.5180 | 2.509176 | 1.254115 | 399.0567 | 2.417236 | 14.55336 |
| Stddev | .06187 | .4266 | .003373 | .003691 | .9197 | .009401 | .05027 |
| %RSD | .4143937 | .1103755 | .1344318 | .2943324 | .2304659 | .3889038 | .3453856 |
| #1 | 14.88480 | 386.1645 | 2.505293 | 1.252430 | 398.2181 | 2.409566 | 14.49552 |
| #2 | 14.90365 | 386.9919 | 2.510854 | 1.251567 | 398.9117 | 2.414419 | 14.57814 |
| #3 | 15.00013 | 386.3977 | 2.511382 | 1.258348 | 400.0402 | 2.427723 | 14.58642 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 154.0881 | 5.082498 | 4.808875 | 4.761280 | 5.151677 | 4.788924 | 5.069890 |
| Stddev | .4847 | .010146 | .018603 | .005868 | .009793 | .011814 | .009050 |
| %RSD | .3145556 | .1996297 | .3868426 | .1232366 | .1900931 | .2466933 | .1785100 |
| #1 | 153.5969 | 5.076743 | 4.787815 | 4.760043 | 5.162547 | 4.777026 | 5.064414 |
| #2 | 154.1016 | 5.076538 | 4.823067 | 4.767668 | 5.148943 | 4.789094 | 5.080336 |
| #3 | 154.5660 | 5.094213 | 4.815743 | 4.756130 | 5.143542 | 4.800652 | 5.064919 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV005 Acquired: 10/31/2024 5:23:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.913710 | 4.892946 | 5.137332 |
| Stddev | .021131 | .011149 | .016485 |
| %RSD | .4300404 | .2278587 | .3208934 |
| | | | |
| #1 | 4.889316 | 4.880938 | 5.121747 |
| #2 | 4.926373 | 4.902969 | 5.135659 |
| #3 | 4.925441 | 4.894931 | 5.154590 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 786.2274 | 20924.18 | 2540.756 | 646.7090 | 1413.295 |
| Stddev | 2.0460 | 37.52 | 9.527 | 3.5184 | 1.610 |
| %RSD | .2602338 | .1792981 | .3749647 | .5440495 | .1139147 |
| | | | | | |
| #1 | 786.9250 | 20951.01 | 2551.675 | 650.6993 | 1413.334 |
| #2 | 783.9238 | 20881.31 | 2534.138 | 644.0526 | 1411.666 |
| #3 | 787.8334 | 20940.23 | 2536.456 | 645.3750 | 1414.886 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB005 Acquired: 10/31/2024 5:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005664 | .0018004 | .0016374 | .0052911 | -.000503 | .0272341 | -.002150 |
| Stddev | .000178 | .0015389 | .0046412 | .0029214 | .001326 | .0152692 | .001365 |
| %RSD | 3.133745 | 85.47324 | 283.4557 | 55.21394 | 263.5990 | 56.06653 | 63.46251 |
| | | | | | | | |
| #1 | -.005498 | .0003533 | .0062106 | .0019197 | .000236 | .0389958 | -.002942 |
| #2 | -.005851 | .0016310 | .0017703 | .0070774 | -.002034 | .0327284 | -.002934 |
| #3 | -.005645 | .0034170 | -.003069 | .0068761 | .000289 | .0099780 | -.000575 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000073 | .0003593 | .0215416 | .0004469 | .0002312 | .0003306 | .0144108 |
| Stddev | .0001072 | .0001154 | .0158716 | .0007845 | .0005247 | .0033293 | .0271529 |
| %RSD | 1461.570 | 32.09978 | 73.67906 | 175.5217 | 226.9022 | 1007.128 | 188.4203 |
| | | | | | | | |
| #1 | .0000280 | .0004306 | .0398661 | .0011361 | .0002491 | -.003509 | -.013580 |
| #2 | .0001027 | .0004211 | .0121153 | .0006114 | .0007467 | .002410 | .016173 |
| #3 | -.000109 | .0002263 | .0126435 | -.000407 | -.000302 | .002091 | .040640 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002028 | -.017236 | -.000529 | -.004666 | -.187016 | -.001111 | .0005508 |
| Stddev | .0005740 | .085851 | .000307 | .000476 | .210858 | .002693 | .0005759 |
| %RSD | 283.0022 | 498.0795 | 58.05810 | 10.20670 | 112.7484 | 242.3501 | 104.5532 |
| | | | | | | | |
| #1 | .0001026 | .017530 | -.000288 | -.005066 | -.096344 | -.002251 | .0007913 |
| #2 | -.000314 | -.115018 | -.000424 | -.004793 | -.428043 | -.003047 | .0009674 |
| #3 | .000820 | .045778 | -.000875 | -.004140 | -.036662 | .001964 | -.000106 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2320655 | -.002310 | .0004117 | .0005629 | -.003800 | .0009997 | .0025005 |
| Stddev | .1084427 | .001626 | .0021729 | .0008473 | .009189 | .0004828 | .0017348 |
| %RSD | 46.72934 | 70.39279 | 527.7835 | 150.5347 | 241.8292 | 48.29625 | 69.37790 |
| | | | | | | | |
| #1 | .3289860 | -.001330 | .0006801 | .0009391 | -.014407 | .0004424 | .0023894 |
| #2 | .1149421 | -.001413 | .0024379 | .0011569 | .001288 | .0012651 | .0042883 |
| #3 | .2522684 | -.004187 | -.001883 | -.000407 | .001720 | .0012916 | .0008239 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB005 Acquired: 10/31/2024 5:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0006208 | -.000472 | .0000674 |
| Stddev | .0028558 | .002102 | .0001752 |
| %RSD | 459.9925 | 445.3823 | 259.8360 |
| | | | |
| #1 | .0038044 | .001838 | -.000087 |
| #2 | -.000226 | -.000981 | .000258 |
| #3 | -.001716 | -.002273 | .000031 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 971.1062 | 22883.49 | 2623.286 | 827.8266 | 1864.089 |
| Stddev | 2.8617 | 22.88 | 3.719 | 3.1915 | 1.058 |
| %RSD | .2946888 | .0999792 | .1417789 | .3855237 | .0567753 |
| | | | | | |
| #1 | 967.8038 | 22858.60 | 2627.396 | 831.4685 | 1863.155 |
| #2 | 972.8579 | 22903.60 | 2620.154 | 826.4929 | 1863.875 |
| #3 | 972.6570 | 22888.28 | 2622.307 | 825.5182 | 1865.239 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-01LDLX10 Acquired: 10/31/2024 5:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0603717 | -.002153 | .0554432 | -.001835 | .0010447 | 21.26361 | .2954423 |
| Stddev | .0044477 | .002964 | .0014881 | .001192 | .0010479 | .06499 | .0003072 |
| %RSD | 7.367165 | 137.6612 | 2.684061 | 64.93319 | 100.3076 | .3056355 | .1039891 |
| #1 | .0588476 | -.004481 | .0561199 | -.001984 | .0014445 | 21.30675 | .2952974 |
| #2 | .0568865 | -.003163 | .0564727 | -.000576 | -.000144 | 21.18887 | .2957952 |
| #3 | .0653811 | .001184 | .0537370 | -.002946 | .001834 | 21.29523 | .2952344 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0015100 | .0022355 | 3.501622 | .0478217 | .0316786 | .1480985 | 54.77942 |
| Stddev | .0000596 | .0000987 | .027213 | .0009139 | .0001944 | .0064316 | .40742 |
| %RSD | 3.944334 | 4.415282 | .7771611 | 1.911060 | .6135254 | 4.342776 | .7437550 |
| #1 | .0014590 | .0023483 | 3.498620 | .0479576 | .0314722 | .1551192 | 54.88900 |
| #2 | .0014955 | .0021929 | 3.476033 | .0486600 | .0317054 | .1466853 | 54.32842 |
| #3 | .0015754 | .0021652 | 3.530211 | .0468474 | .0318582 | .1424910 | 55.12085 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.521853 | 10.72321 | .0546421 | -.009503 | .0324889 | .1015101 | .1404740 |
| Stddev | .004259 | .03977 | .0001489 | .000161 | .2016026 | .0093994 | .0010535 |
| %RSD | .2798692 | .3709092 | .2724628 | 1.693125 | 620.5272 | 9.259548 | .7499779 |
| #1 | 1.520836 | 10.72885 | .0546601 | -.009678 | -.199935 | .1119093 | .1395754 |
| #2 | 1.526529 | 10.75985 | .0544851 | -.009471 | .137388 | .0990012 | .1402132 |
| #3 | 1.518194 | 10.68091 | .0547812 | -.009362 | .160014 | .0936197 | .1416335 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.104336 | .9008485 | .0422573 | -.000378 | .1131313 | 1.083936 | .0040952 |
| Stddev | .069680 | .0049361 | .0012395 | .000143 | .0014408 | .005943 | .0007718 |
| %RSD | 1.697706 | .5479344 | 2.933298 | 37.66909 | 1.273562 | .5482679 | 18.84625 |
| #1 | 4.184239 | .8970068 | .0416169 | -.000223 | .1122637 | 1.087171 | .0044532 |
| #2 | 4.072564 | .9064157 | .0414690 | -.000504 | .1147945 | 1.077078 | .0032095 |
| #3 | 4.056205 | .8991230 | .0436860 | -.000408 | .1123358 | 1.087561 | .0046231 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4525-01LDLX10 Acquired: 10/31/2024 5:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4H7L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4938033 | .0169188 | .0374572 |
| Stddev | .0035562 | .0023435 | .0000467 |
| %RSD | .7201581 | 13.85118 | .1246118 |
| | | | |
| #1 | .4903865 | .0196244 | .0374653 |
| #2 | .4974841 | .0155275 | .0374994 |
| #3 | .4935393 | .0156045 | .0374071 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 989.6822 | 23487.83 | 2698.245 | 850.5133 | 1832.662 |
| Stddev | 4.5005 | 12.40 | 9.594 | 3.9847 | 5.803 |
| %RSD | .4547390 | .0528047 | .3555758 | .4685079 | .3166664 |
| | | | | | |
| #1 | 984.5121 | 23481.18 | 2691.196 | 846.6727 | 1826.266 |
| #2 | 992.7219 | 23480.18 | 2709.171 | 854.6280 | 1834.131 |
| #3 | 991.8125 | 23502.14 | 2694.368 | 850.2394 | 1837.591 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-01DLX2 Acquired: 10/31/2024 5:37:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2172056 | -.030236 | .1814770 | .0074560 | .0090881 | 102.7093 | 1.185578 |
| Stddev | .0058258 | .002618 | .0043695 | .0034147 | .0016638 | .4756 | .003443 |
| %RSD | 2.682159 | 8.657004 | 2.407738 | 45.79745 | 18.30755 | .4630853 | .2904287 |
| #1 | .2225145 | -.027349 | .1781981 | .0091553 | .0107875 | 102.9536 | 1.187227 |
| #2 | .2181293 | -.030902 | .1864375 | .0035251 | .0090145 | 103.0131 | 1.187886 |
| #3 | .2109732 | -.032455 | .1797956 | .0096876 | .0074623 | 102.1612 | 1.181620 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0064305 | .0089286 | 21.54412 | .2257882 | .1246476 | .4703782 | 225.4181 |
| Stddev | .0002517 | .0001930 | .11115 | .0007817 | .0005696 | .0050326 | .5242 |
| %RSD | 3.914826 | 2.161007 | .5159041 | .3461880 | .4569572 | 1.069903 | .2325383 |
| #1 | .0061399 | .0087897 | 21.65817 | .2253924 | .1252847 | .4722308 | 225.7946 |
| #2 | .0065820 | .0091489 | 21.53806 | .2266885 | .1244709 | .4742219 | 225.6402 |
| #3 | .0065697 | .0088471 | 21.43612 | .2252836 | .1241874 | .4646819 | 224.8194 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.562783 | 43.39693 | .2445338 | -.023602 | 1.213231 | .4135990 | .5950410 |
| Stddev | .022755 | .12147 | .0004270 | .000562 | .378924 | .0026949 | .0055343 |
| %RSD | .4090601 | .2798972 | .1746278 | 2.379155 | 31.23267 | .6515767 | .9300769 |
| #1 | 5.563393 | 43.38203 | .2449107 | -.023401 | .782759 | .4112103 | .5934608 |
| #2 | 5.585227 | 43.52516 | .2446208 | -.023169 | 1.360615 | .4130661 | .5904686 |
| #3 | 5.539729 | 43.28360 | .2440700 | -.024237 | 1.496319 | .4165205 | .6011935 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.39393 | 5.089054 | .1932231 | -.000016 | .9906535 | 3.043813 | .0118454 |
| Stddev | .07573 | .011224 | .0007285 | .000698 | .0076108 | .007532 | .0005129 |
| %RSD | .3237038 | .2205433 | .3770332 | 4380.210 | .7682591 | .2474688 | 4.330234 |
| #1 | 23.47895 | 5.078359 | .1933161 | -.000739 | .9887591 | 3.049182 | .0112834 |
| #2 | 23.33373 | 5.088062 | .1924525 | .000654 | .9841689 | 3.047054 | .0119643 |
| #3 | 23.36912 | 5.100740 | .1939006 | .000037 | .9990326 | 3.035202 | .0122884 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-01DLX2 Acquired: 10/31/2024 5:37:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.865047 | .0828640 | .2131500 |
| Stddev | .015797 | .0009019 | .0009733 |
| %RSD | .5513623 | 1.088376 | .4566314 |
| | | | |
| #1 | 2.874968 | .0827072 | .2141226 |
| #2 | 2.873342 | .0838341 | .2131513 |
| #3 | 2.846831 | .0820509 | .2121760 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1028.286 | 24705.60 | 2878.149 | 889.7349 | 1741.086 |
| Stddev | 1.522 | 79.99 | 18.565 | 4.7838 | 1.743 |
| %RSD | .1480377 | .3237600 | .6450343 | .5376713 | .1000996 |
| | | | | | |
| #1 | 1026.550 | 24613.44 | 2864.489 | 888.8389 | 1739.237 |
| #2 | 1029.396 | 24746.49 | 2870.670 | 894.9033 | 1741.324 |
| #3 | 1028.911 | 24756.88 | 2899.287 | 885.4623 | 1742.699 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-02DLX2 Acquired: 10/31/2024 5:41:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2598560 | -.039212 | .1972473 | -.000288 | .0105635 | 113.0166 | 1.560649 |
| Stddev | .0036108 | .002616 | .0038028 | .012598 | .0039774 | .4085 | .001838 |
| %RSD | 1.389541 | 6.670871 | 1.927957 | 4371.725 | 37.65175 | .3614088 | .1177489 |
| #1 | .2605701 | -.037773 | .2013296 | .005871 | .0122551 | 112.6059 | 1.558826 |
| #2 | .2630564 | -.037632 | .1938052 | -.014781 | .0134155 | 113.0211 | 1.562501 |
| #3 | .2559415 | -.042232 | .1966070 | .008045 | .0060200 | 113.4228 | 1.560621 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0068033 | .0101408 | 23.86831 | .2467281 | .1396705 | .5113306 | 248.0057 |
| Stddev | .0001519 | .0002033 | .15064 | .0019230 | .0001044 | .0034652 | 1.4654 |
| %RSD | 2.231988 | 2.005209 | .6311144 | .7793859 | .0747727 | .6776893 | .5908842 |
| #1 | .0066853 | .0099973 | 23.69590 | .2445555 | .1397015 | .5100923 | 246.6784 |
| #2 | .0069746 | .0100515 | 23.93460 | .2482114 | .1395541 | .5152448 | 247.7604 |
| #3 | .0067499 | .0103735 | 23.97443 | .2474175 | .1397559 | .5086546 | 249.5783 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.073312 | 47.32979 | .2706330 | -.025612 | .9853450 | .4524571 | .6698831 |
| Stddev | .039078 | .28152 | .0008058 | .000306 | .1620782 | .0117258 | .0025605 |
| %RSD | .5524716 | .5948085 | .2977655 | 1.196373 | 16.44887 | 2.591590 | .3822373 |
| #1 | 7.028367 | 47.02316 | .2715631 | -.025881 | .8136126 | .4393286 | .6728038 |
| #2 | 7.099259 | 47.38963 | .2701453 | -.025677 | 1.006788 | .4561534 | .6680247 |
| #3 | 7.092310 | 47.57658 | .2701905 | -.025278 | 1.135634 | .4618894 | .6688209 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.64012 | 5.637269 | .2140035 | .0005717 | 1.039206 | 2.652431 | .0097448 |
| Stddev | .07572 | .011551 | .0003690 | .0002970 | .006663 | .023235 | .0023909 |
| %RSD | .2953076 | .2049068 | .1724429 | 51.95565 | .6411653 | .8760066 | 24.53484 |
| #1 | 25.55515 | 5.647601 | .2141899 | .0008524 | 1.046318 | 2.626987 | .0069954 |
| #2 | 25.66474 | 5.624798 | .2135784 | .0006021 | 1.033108 | 2.657781 | .0109027 |
| #3 | 25.70046 | 5.639407 | .2142421 | .0002607 | 1.038191 | 2.672525 | .0113362 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-02DLX2 Acquired: 10/31/2024 5:41:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.900389 | .0947636 | .2402295 |
| Stddev | .013272 | .0015385 | .0005582 |
| %RSD | .4576071 | 1.623463 | .2323782 |
| | | | |
| #1 | 2.885953 | .0933175 | .2399458 |
| #2 | 2.903153 | .0963802 | .2398702 |
| #3 | 2.912062 | .0945932 | .2408727 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1030.549 | 24759.04 | 2906.178 | 890.5517 | 1731.598 |
| Stddev | 1.473 | 9.44 | 13.670 | 4.2368 | 2.604 |
| %RSD | .1429052 | .0381453 | .4703711 | .4757498 | .1503649 |
| | | | | | |
| #1 | 1029.297 | 24748.27 | 2921.642 | 886.1438 | 1728.717 |
| #2 | 1032.171 | 24765.91 | 2901.188 | 894.5937 | 1733.784 |
| #3 | 1030.177 | 24762.95 | 2895.704 | 890.9177 | 1732.292 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-03DLX2 Acquired: 10/31/2024 5:45:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2870369 | .0668867 | .2146078 | .1668824 | .1732767 | 104.1401 | 5.049208 |
| Stddev | .0072937 | .0047587 | .0018510 | .0035143 | .0029442 | .3253 | .007947 |
| %RSD | 2.541035 | 7.114516 | .8625172 | 2.105857 | 1.699140 | .3123455 | .1574004 |
| #1 | .2822150 | .0650540 | .2137959 | .1688244 | .1752653 | 104.4868 | 5.057928 |
| #2 | .2834678 | .0722892 | .2133015 | .1689972 | .1746703 | 104.0920 | 5.042372 |
| #3 | .2954278 | .0633169 | .2167260 | .1628257 | .1698944 | 103.8416 | 5.047323 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1036398 | .1078255 | 21.17288 | .6198707 | 1.120047 | .9052279 | 222.0729 |
| Stddev | .0008711 | .0003725 | .14727 | .0015765 | .001829 | .0143475 | .6232 |
| %RSD | .8404661 | .3454795 | .6955490 | .2543321 | .1633245 | 1.584961 | .2806073 |
| #1 | .1042037 | .1076561 | 21.32243 | .6207650 | 1.122156 | .9216667 | 222.7701 |
| #2 | .1040792 | .1075677 | 21.16820 | .6180503 | 1.118886 | .8987910 | 221.8786 |
| #3 | .1026366 | .1082526 | 21.02801 | .6207967 | 1.119099 | .8952261 | 221.5701 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.394655 | 42.40017 | 1.244590 | .0691622 | 1.007345 | 1.373012 | 1.397505 |
| Stddev | .029634 | .16914 | .002110 | .0003273 | .015787 | .001215 | .005126 |
| %RSD | .4634116 | .3989131 | .1695448 | .4731632 | 1.567229 | .0885095 | .3667658 |
| #1 | 6.428034 | 42.58102 | 1.246168 | .0687974 | 1.005355 | 1.374384 | 1.403268 |
| #2 | 6.384486 | 42.37362 | 1.245408 | .0694300 | .992646 | 1.372070 | 1.395789 |
| #3 | 6.371444 | 42.24588 | 1.242193 | .0692591 | 1.024033 | 1.372583 | 1.393457 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.01520 | 5.011556 | .1898966 | -.000807 | .9839803 | 3.048061 | .0102554 |
| Stddev | .18995 | .013003 | .0015149 | .000652 | .0097343 | .014525 | .0009925 |
| %RSD | .8253204 | .2594616 | .7977760 | 80.76198 | .9892817 | .4765261 | 9.678244 |
| #1 | 23.21749 | 5.020108 | .1881866 | -.000771 | .9936447 | 3.053713 | .0096980 |
| #2 | 22.98747 | 5.017968 | .1904322 | -.001475 | .9741775 | 3.058910 | .0114013 |
| #3 | 22.84064 | 4.996592 | .1910710 | -.000174 | .9841187 | 3.031560 | .0096668 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-03DLX2 Acquired: 10/31/2024 5:45:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.807316 | .0819523 | .2089576 |
| Stddev | .006426 | .0026947 | .0008720 |
| %RSD | .2289102 | 3.288165 | .4173031 |
| | | | |
| #1 | 2.814598 | .0850627 | .2099191 |
| #2 | 2.802437 | .0804748 | .2087356 |
| #3 | 2.804913 | .0803195 | .2082181 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1018.286 | 24651.78 | 2873.741 | 883.6874 | 1729.607 |
| Stddev | .653 | 34.30 | 17.034 | 2.1649 | 2.707 |
| %RSD | .0641703 | .1391463 | .5927474 | .2449836 | .1565196 |
| | | | | | |
| #1 | 1017.863 | 24613.52 | 2863.179 | 881.2587 | 1727.671 |
| #2 | 1019.038 | 24662.02 | 2864.652 | 884.3887 | 1732.700 |
| #3 | 1017.956 | 24679.79 | 2893.392 | 885.4146 | 1728.449 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-01LDLX10 Acquired: 10/31/2024 5:50:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0494501 | -.003296 | .0372686 | .0040053 | .0027429 | 21.77494 | .2517285 |
| Stddev | .0056415 | .000574 | .0028853 | .0052483 | .0030405 | .02212 | .0007131 |
| %RSD | 11.40841 | 17.42836 | 7.741829 | 131.0333 | 110.8481 | .1015762 | .2832959 |
| #1 | .0526044 | -.003628 | .0379142 | .0011561 | .0032009 | 21.79339 | .2512504 |
| #2 | .0429369 | -.003626 | .0341151 | .0100620 | .0055284 | 21.75042 | .2525482 |
| #3 | .0528088 | -.002633 | .0397763 | .0007978 | -.000501 | 21.78101 | .2513870 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0013097 | .0015476 | 4.626845 | .0491577 | .0247279 | .1027388 | 48.53853 |
| Stddev | .0001627 | .0000625 | .020223 | .0006362 | .0005254 | .0036554 | .21195 |
| %RSD | 12.42562 | 4.038727 | .4370773 | 1.294273 | 2.124887 | 3.557955 | .4366560 |
| #1 | .0011379 | .0014776 | 4.628287 | .0485090 | .0241602 | .1065720 | 48.61723 |
| #2 | .0013299 | .0015674 | 4.605939 | .0497807 | .0248265 | .1023523 | 48.29849 |
| #3 | .0014615 | .0015979 | 4.646308 | .0491834 | .0251971 | .0992920 | 48.69986 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.210103 | 9.147886 | .0490575 | -.009863 | .2796160 | .0941946 | .1298106 |
| Stddev | .000673 | .115217 | .0002850 | .000438 | .1003832 | .0025149 | .0002735 |
| %RSD | .0556502 | 1.259494 | .5810206 | 4.443520 | 35.90039 | 2.669871 | .2106954 |
| #1 | 1.210623 | 9.263785 | .0487351 | -.010354 | .2307011 | .0957603 | .1298574 |
| #2 | 1.210344 | 9.033364 | .0491615 | -.009724 | .2130664 | .0912937 | .1300577 |
| #3 | 1.209342 | 9.146509 | .0492759 | -.009511 | .3950805 | .0955297 | .1295167 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.774562 | 1.017723 | .0376870 | -.000519 | .1948729 | .6607262 | .0045949 |
| Stddev | .075018 | .004920 | .0012491 | .000437 | .0041269 | .0012027 | .0009620 |
| %RSD | 1.571199 | .4834325 | 3.314276 | 84.33328 | 2.117739 | .1820258 | 20.93530 |
| #1 | 4.840773 | 1.012081 | .0389412 | -.001022 | .1929209 | .6621140 | .0043606 |
| #2 | 4.789828 | 1.019968 | .0376768 | -.000295 | .1996137 | .6600777 | .0037717 |
| #3 | 4.693086 | 1.021120 | .0364431 | -.000239 | .1920841 | .6599870 | .0056524 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4526-01LDLX10 Acquired: 10/31/2024 5:50:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6101044 | .0152522 | .0454155 |
| Stddev | .0010927 | .0006502 | .0003132 |
| %RSD | .1790944 | 4.262843 | .6896647 |
| | | | |
| #1 | .6100189 | .0152044 | .0457448 |
| #2 | .6112373 | .0159250 | .0451213 |
| #3 | .6090570 | .0146273 | .0453803 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 985.4361 | 23550.20 | 2720.570 | 851.3976 | 1814.726 |
| Stddev | .7011 | 9.76 | 7.921 | 3.0846 | 2.746 |
| %RSD | .0711492 | .0414519 | .2911578 | .3622955 | .1512983 |
| | | | | | |
| #1 | 986.1052 | 23540.55 | 2712.871 | 847.8804 | 1812.477 |
| #2 | 984.7068 | 23560.07 | 2728.696 | 853.6427 | 1813.917 |
| #3 | 985.4962 | 23549.97 | 2720.143 | 852.6697 | 1817.786 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-01DLX2 Acquired: 10/31/2024 5:54:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4318603 | -.046445 | .3037293 | .0023789 | .0121194 | 124.8785 | 1.791682 |
| Stddev | .0041982 | .003964 | .0029826 | .0022022 | .0014885 | .0733 | .004333 |
| %RSD | .9721210 | 8.535786 | .9819863 | 92.57321 | 12.28180 | .0586880 | .2418514 |
| #1 | .4366614 | -.050382 | .3008692 | .0049052 | .0121197 | 124.8771 | 1.792353 |
| #2 | .4288791 | -.042454 | .3068209 | .0013667 | .0136078 | 124.9524 | 1.795641 |
| #3 | .4300404 | -.046500 | .3034977 | .0008647 | .0106308 | 124.8059 | 1.787052 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0079785 | .0143185 | 26.11647 | .2802962 | .1706197 | .9380579 | 299.5313 |
| Stddev | .0001611 | .0000340 | .10847 | .0020260 | .0003686 | .0048671 | .5058 |
| %RSD | 2.019829 | .2376297 | .4153154 | .7228068 | .2160451 | .5188455 | .1688792 |
| #1 | .0079241 | .0143565 | 26.15079 | .2793915 | .1710148 | .9336003 | 299.9144 |
| #2 | .0078517 | .0143083 | 25.99500 | .2788801 | .1702851 | .9373225 | 298.9579 |
| #3 | .0081599 | .0142908 | 26.20363 | .2826169 | .1705593 | .9432508 | 299.7216 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.726154 | 60.29585 | .3989437 | -.028946 | 1.608523 | .5846846 | .8503749 |
| Stddev | .004710 | .23680 | .0005918 | .000682 | .154643 | .0116237 | .0035700 |
| %RSD | .0700193 | .3927271 | .1483481 | 2.355339 | 9.613994 | 1.988027 | .4198139 |
| #1 | 6.722094 | 60.45446 | .3988598 | -.029714 | 1.751542 | .5981061 | .8471355 |
| #2 | 6.731318 | 60.02366 | .3995730 | -.028709 | 1.444419 | .5780570 | .8497867 |
| #3 | 6.725050 | 60.40944 | .3983983 | -.028414 | 1.629607 | .5778906 | .8542024 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.42876 | 6.912421 | .2514373 | -.000461 | .9134102 | 3.990455 | .0098751 |
| Stddev | .11969 | .001721 | .0016445 | .000549 | .0088649 | .028944 | .0026922 |
| %RSD | .6494821 | .0248970 | .6540469 | 119.1376 | .9705263 | .7253307 | 27.26222 |
| #1 | 18.53556 | 6.912312 | .2498799 | .000112 | .9137286 | 4.006205 | .0129707 |
| #2 | 18.45133 | 6.914195 | .2512751 | -.000511 | .9221116 | 3.957051 | .0085746 |
| #3 | 18.29939 | 6.910758 | .2531569 | -.000983 | .9043904 | 4.008109 | .0080801 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-01DLX2 Acquired: 10/31/2024 5:54:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.394720 | .1039931 | .3843147 |
| Stddev | .008794 | .0014159 | .0007991 |
| %RSD | .2590477 | 1.361517 | .2079205 |
| | | | |
| #1 | 3.404503 | .1031284 | .3849937 |
| #2 | 3.387473 | .1056271 | .3845163 |
| #3 | 3.392183 | .1032238 | .3834341 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1031.762 | 24841.28 | 2912.022 | 886.6997 | 1709.229 |
| Stddev | 1.689 | 26.28 | 13.023 | 3.8358 | 1.066 |
| %RSD | .1636700 | .1057930 | .4472171 | .4325975 | .0623684 |
| | | | | | |
| #1 | 1029.885 | 24871.62 | 2906.850 | 891.0423 | 1708.047 |
| #2 | 1033.157 | 24825.39 | 2926.836 | 885.2835 | 1710.118 |
| #3 | 1032.244 | 24826.84 | 2902.379 | 883.7732 | 1709.522 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-02DLX2 Acquired: 10/31/2024 5:59:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3624920 | -.031247 | .2603730 | -.004567 | .0072604 | 108.5990 | 1.550208 |
| Stddev | .0017314 | .005745 | .0046712 | .003914 | .0020409 | .4804 | .008935 |
| %RSD | .4776323 | 18.38540 | 1.794046 | 85.70404 | 28.10959 | .4423326 | .5764038 |
| #1 | .3612805 | -.034413 | .2557383 | -.009050 | .0094684 | 108.5017 | 1.549590 |
| #2 | .3644750 | -.034713 | .2650799 | -.002816 | .0054432 | 108.1747 | 1.541598 |
| #3 | .3617205 | -.024616 | .2603008 | -.001833 | .0068695 | 109.1206 | 1.559437 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0068700 | .0117877 | 22.93092 | .2367081 | .1512678 | .8074596 | 254.9098 |
| Stddev | .0000269 | .0001627 | .09938 | .0009706 | .0008560 | .0020139 | 1.0084 |
| %RSD | .3911069 | 1.380623 | .4333968 | .4100625 | .5659056 | .2494157 | .3955793 |
| #1 | .0068857 | .0119062 | 23.03717 | .2373553 | .1506758 | .8086869 | 254.4379 |
| #2 | .0068853 | .0116021 | 22.84024 | .2371771 | .1508783 | .8051354 | 254.2239 |
| #3 | .0068390 | .0118547 | 22.91535 | .2355921 | .1522493 | .8085566 | 256.0676 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.320395 | 51.94332 | .3403062 | -.025200 | 1.073179 | .5030932 | .7429559 |
| Stddev | .030408 | .24065 | .0016265 | .000346 | .133758 | .0070933 | .0024644 |
| %RSD | .4811170 | .4633029 | .4779647 | 1.371147 | 12.46368 | 1.409930 | .3316990 |
| #1 | 6.307849 | 52.03483 | .3396236 | -.025050 | .959598 | .5112577 | .7415610 |
| #2 | 6.298267 | 51.67033 | .3421628 | -.024955 | 1.039328 | .4984450 | .7415054 |
| #3 | 6.355069 | 52.12479 | .3391322 | -.025596 | 1.220609 | .4995769 | .7458013 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.41752 | 5.926925 | .2175055 | -.001201 | .6852793 | 4.647787 | .0065406 |
| Stddev | .07961 | .007668 | .0027811 | .000984 | .0118921 | .024734 | .0004751 |
| %RSD | .4848915 | .1293780 | 1.278650 | 81.97946 | 1.735371 | .5321679 | 7.263441 |
| #1 | 16.32682 | 5.935678 | .2167248 | -.001052 | .6989286 | 4.648542 | .0060636 |
| #2 | 16.44990 | 5.921389 | .2151982 | -.000299 | .6771525 | 4.622685 | .0065445 |
| #3 | 16.47583 | 5.923708 | .2205936 | -.002251 | .6797568 | 4.672136 | .0070137 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-02DLX2 Acquired: 10/31/2024 5:59:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.207491 | .0905027 | .3192219 |
| Stddev | .019226 | .0020948 | .0021964 |
| %RSD | .5993979 | 2.314624 | .6880492 |
| | | | |
| #1 | 3.219352 | .0914310 | .3189373 |
| #2 | 3.185309 | .0881041 | .3171817 |
| #3 | 3.217812 | .0919729 | .3215467 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1025.923 | 24655.97 | 2869.616 | 881.9477 | 1734.246 |
| Stddev | 1.318 | 69.02 | 8.959 | 3.4376 | 3.182 |
| %RSD | .1284519 | .2799254 | .3122095 | .3897754 | .1834663 |
| | | | | | |
| #1 | 1024.641 | 24668.69 | 2872.476 | 885.7079 | 1732.531 |
| #2 | 1025.855 | 24581.47 | 2876.797 | 881.1688 | 1732.289 |
| #3 | 1027.274 | 24717.74 | 2859.577 | 878.9663 | 1737.917 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-03DLX2 Acquired: 10/31/2024 6:03:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5040240 | .0554295 | .3363168 | .1562909 | .1735276 | 129.3920 | 5.660513 |
| Stddev | .0151855 | .0041550 | .0038390 | .0041509 | .0027499 | .2909 | .010254 |
| %RSD | 3.012845 | 7.495930 | 1.141487 | 2.655914 | 1.584729 | .2248417 | .1811554 |
| #1 | .4947607 | .0535052 | .3401605 | .1515120 | .1757985 | 129.1932 | 5.648697 |
| #2 | .4957621 | .0525856 | .3363074 | .1583606 | .1743142 | 129.2568 | 5.665755 |
| #3 | .5215491 | .0601978 | .3324825 | .1590000 | .1704701 | 129.7259 | 5.667087 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1020181 | .1127484 | 26.16340 | .6753702 | 1.164642 | 1.383488 | 304.0671 |
| Stddev | .0003733 | .0006081 | .13639 | .0007424 | .000852 | .006700 | 1.3434 |
| %RSD | .3659211 | .5393735 | .5212968 | .1099216 | .0731457 | .4842887 | .4417961 |
| #1 | .1016093 | .1132224 | 26.11207 | .6762272 | 1.164055 | 1.381561 | 304.1216 |
| #2 | .1023410 | .1120627 | 26.06013 | .6749584 | 1.165619 | 1.377962 | 302.6974 |
| #3 | .1021039 | .1129601 | 26.31801 | .6749249 | 1.164251 | 1.390940 | 305.3824 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.618707 | 60.95759 | 1.396464 | .0623282 | 1.430681 | 1.524130 | 1.668597 |
| Stddev | .013471 | .27639 | .002612 | .0005260 | .171812 | .013029 | .008878 |
| %RSD | .1768097 | .4534190 | .1870217 | .8439184 | 12.00907 | .8548193 | .5320726 |
| #1 | 7.609139 | 60.95340 | 1.397705 | .0617721 | 1.620778 | 1.524863 | 1.667745 |
| #2 | 7.612871 | 60.68331 | 1.393463 | .0628178 | 1.286473 | 1.510750 | 1.660176 |
| #3 | 7.634112 | 61.23605 | 1.398223 | .0623949 | 1.384793 | 1.536776 | 1.677871 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.45346 | 6.927815 | .2570557 | -.001118 | .9032959 | 4.044359 | .0093037 |
| Stddev | .04043 | .025219 | .0019390 | .000559 | .0137459 | .023172 | .0038462 |
| %RSD | .2190727 | .3640245 | .7543229 | 50.02355 | 1.521749 | .5729469 | 41.34127 |
| #1 | 18.49956 | 6.956144 | .2590839 | -.000481 | .8974016 | 4.032025 | .0125798 |
| #2 | 18.42402 | 6.907810 | .2568630 | -.001344 | .9190059 | 4.029962 | .0050687 |
| #3 | 18.43681 | 6.919491 | .2552202 | -.001528 | .8934800 | 4.071089 | .0102625 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-03DLX2 Acquired: 10/31/2024 6:03:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.425374 | .1060354 | .3837914 |
| Stddev | .015092 | .0019375 | .0003216 |
| %RSD | .4405802 | 1.827258 | .0837859 |
| | | | |
| #1 | 3.408940 | .1043470 | .3838085 |
| #2 | 3.428573 | .1056082 | .3834616 |
| #3 | 3.438610 | .1081508 | .3841040 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.089 | 24723.72 | 2891.140 | 879.5900 | 1717.502 |
| Stddev | 1.359 | 31.30 | 11.522 | 4.0712 | 4.308 |
| %RSD | .1322975 | .1265898 | .3985339 | .4628514 | .2508247 |
| | | | | | |
| #1 | 1025.743 | 24732.76 | 2898.731 | 881.6550 | 1713.367 |
| #2 | 1028.460 | 24688.89 | 2896.807 | 882.2149 | 1721.964 |
| #3 | 1027.063 | 24749.49 | 2877.882 | 874.9001 | 1717.173 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-01LDLX10 Acquired: 10/31/2024 6:07:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0915089 | -.004543 | .0639225 | -.002069 | .0051008 | 27.54969 | .3879445 |
| Stddev | .0037871 | .002953 | .0053768 | .007071 | .0038909 | .04078 | .0023679 |
| %RSD | 4.138481 | 64.99572 | 8.411475 | 341.7901 | 76.27982 | .1480170 | .6103717 |
| #1 | .0875205 | -.002726 | .0600565 | -.003323 | .0010847 | 27.57239 | .3893429 |
| #2 | .0919501 | -.007950 | .0616482 | .005545 | .0053646 | 27.57405 | .3892801 |
| #3 | .0950561 | -.002953 | .0700627 | -.008429 | .0088530 | 27.50261 | .3852105 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0019846 | .0025962 | 5.881746 | .0612681 | .0352179 | .2074052 | 67.98247 |
| Stddev | .0000336 | .0001131 | .031990 | .0012806 | .0006989 | .0026090 | .30906 |
| %RSD | 1.694106 | 4.355039 | .5438804 | 2.090197 | 1.984411 | 1.257929 | .4546140 |
| #1 | .0019493 | .0026556 | 5.851680 | .0608605 | .0360055 | .2056648 | 68.15784 |
| #2 | .0020162 | .0024658 | 5.915363 | .0602410 | .0349764 | .2061457 | 68.16396 |
| #3 | .0019884 | .0026671 | 5.878195 | .0627030 | .0346718 | .2104050 | 67.62562 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.483627 | 13.42260 | .0816554 | -.010042 | .5581845 | .1204426 | .1896545 |
| Stddev | .003999 | .09748 | .0005311 | .000306 | .4074453 | .0110277 | .0011217 |
| %RSD | .2695739 | .7262168 | .6503560 | 3.050079 | 72.99474 | 9.155956 | .5914204 |
| #1 | 1.485878 | 13.51022 | .0811122 | -.010245 | .1212331 | .1322372 | .1898483 |
| #2 | 1.479009 | 13.31760 | .0821734 | -.010191 | .6256080 | .1187015 | .1906666 |
| #3 | 1.485994 | 13.43999 | .0816806 | -.009690 | .9277123 | .1103890 | .1884485 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.939667 | 1.403999 | .0524425 | -.001202 | .1781748 | .8853663 | .0038808 |
| Stddev | .191695 | .009590 | .0016596 | .000426 | .0051501 | .0041052 | .0003433 |
| %RSD | 4.865773 | .6830613 | 3.164690 | 35.41227 | 2.890497 | .4636680 | 8.845758 |
| #1 | 4.049984 | 1.407949 | .0542072 | -.000886 | .1840367 | .8891703 | .0034858 |
| #2 | 4.050699 | 1.393064 | .0522074 | -.001035 | .1743763 | .8859137 | .0040497 |
| #3 | 3.718317 | 1.410983 | .0509130 | -.001686 | .1761115 | .8810149 | .0041069 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4527-01LDLX10 Acquired: 10/31/2024 6:07:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R9L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .7530990 | .0202959 | .0839651 |
| Stddev | .0035909 | .0018019 | .0002568 |
| %RSD | .4768237 | 8.878343 | .3058307 |
| | | | |
| #1 | .7568177 | .0199634 | .0842157 |
| #2 | .7528282 | .0222409 | .0837025 |
| #3 | .7496511 | .0186834 | .0839771 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 988.1509 | 23487.17 | 2698.553 | 853.4379 | 1815.812 |
| Stddev | .1509 | 62.64 | 11.852 | 3.2986 | 1.347 |
| %RSD | .0152724 | .2667145 | .4392114 | .3865030 | .0742044 |
| | | | | | |
| #1 | 988.0106 | 23415.38 | 2690.315 | 852.3795 | 1814.259 |
| #2 | 988.3106 | 23515.39 | 2693.208 | 850.7984 | 1816.510 |
| #3 | 988.1316 | 23530.74 | 2712.137 | 857.1357 | 1816.667 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-01DLX2 Acquired: 10/31/2024 6:12:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7194871 | -.041293 | .4574550 | -.002681 | .0111509 | 133.5294 | 1.511189 |
| Stddev | .0088246 | .000922 | .0048415 | .011707 | .0038508 | .2778 | .003637 |
| %RSD | 1.226516 | 2.232515 | 1.058354 | 436.6072 | 34.53398 | .2080617 | .2406618 |
| #1 | .7292068 | -.042353 | .4543695 | .008451 | .0120219 | 133.3229 | 1.507172 |
| #2 | .7119777 | -.040673 | .4630350 | -.001607 | .0144916 | 133.4200 | 1.512134 |
| #3 | .7172768 | -.040854 | .4549604 | -.014889 | .0069391 | 133.8453 | 1.514259 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0094026 | .0210327 | 27.25994 | .2418875 | .1453169 | 1.217266 | 294.6008 |
| Stddev | .0002465 | .0003562 | .03998 | .0030504 | .0006346 | .002687 | .9460 |
| %RSD | 2.621181 | 1.693560 | .1466455 | 1.261075 | .4366700 | .2207072 | .3210996 |
| #1 | .0091553 | .0206565 | 27.26835 | .2433289 | .1446728 | 1.214486 | 293.7706 |
| #2 | .0096482 | .0213648 | 27.21642 | .2439501 | .1453363 | 1.217463 | 294.4011 |
| #3 | .0094041 | .0210769 | 27.29504 | .2383835 | .1459415 | 1.219848 | 295.6307 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.51895 | 44.38246 | .2902933 | -.027193 | 1.337692 | .5742663 | 1.028011 |
| Stddev | .04322 | .21814 | .0007965 | .000351 | .262777 | .0073112 | .010570 |
| %RSD | .3452186 | .4915070 | .2743750 | 1.290106 | 19.64409 | 1.273140 | 1.028191 |
| #1 | 12.47126 | 44.19641 | .2906574 | -.027464 | 1.036886 | .5663181 | 1.023581 |
| #2 | 12.55553 | 44.32843 | .2893799 | -.026797 | 1.453616 | .5807049 | 1.040075 |
| #3 | 12.53006 | 44.62254 | .2908427 | -.027320 | 1.522573 | .5757759 | 1.020377 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.59244 | 3.691037 | .2490986 | .0002439 | .8228756 | 3.787478 | .0126778 |
| Stddev | .13893 | .007152 | .0017151 | .0004561 | .0061810 | .023074 | .0015403 |
| %RSD | .8372852 | .1937659 | .6885265 | 186.9747 | .7511404 | .6092243 | 12.14987 |
| #1 | 16.68491 | 3.685895 | .2508991 | -.000260 | .8208842 | 3.777919 | .0130029 |
| #2 | 16.43268 | 3.699205 | .2474840 | .000363 | .8298068 | 3.813795 | .0110008 |
| #3 | 16.65972 | 3.688013 | .2489128 | .000629 | .8179358 | 3.770719 | .0140296 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-01DLX2 Acquired: 10/31/2024 6:12:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.945299 | .0936193 | .2381457 |
| Stddev | .007738 | .0015834 | .0003888 |
| %RSD | .2627142 | 1.691339 | .1632574 |
| | | | |
| #1 | 2.936440 | .0937097 | .2377705 |
| #2 | 2.950736 | .0919926 | .2381198 |
| #3 | 2.948721 | .0951556 | .2385468 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1027.442 | 24649.80 | 2886.690 | 885.5186 | 1720.900 |
| Stddev | 2.023 | 72.46 | 10.802 | 6.4675 | 1.189 |
| %RSD | .1968695 | .2939641 | .3741947 | .7303622 | .0690828 |
| | | | | | |
| #1 | 1025.823 | 24726.04 | 2896.146 | 888.7530 | 1719.593 |
| #2 | 1026.795 | 24581.82 | 2874.918 | 878.0719 | 1721.190 |
| #3 | 1029.710 | 24641.54 | 2889.005 | 889.7308 | 1721.917 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-02DLX2 Acquired: 10/31/2024 6:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1D Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6432887 | -.039907 | .5276405 | -.000630 | .0110376 | 140.2171 | 1.750583 |
| Stddev | .0081635 | .000871 | .0052939 | .004981 | .0031308 | .2217 | .001464 |
| %RSD | 1.269022 | 2.182593 | 1.003306 | 790.1170 | 28.36487 | .1581364 | .0836259 |
| #1 | .6392421 | -.040840 | .5325207 | -.004893 | .0144904 | 140.3878 | 1.751100 |
| #2 | .6379391 | -.039765 | .5220125 | .004845 | .0102389 | 139.9665 | 1.748931 |
| #3 | .6526850 | -.039115 | .5283884 | -.001843 | .0083835 | 140.2971 | 1.751719 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0099562 | .0235991 | 28.94625 | .2625445 | .1595647 | 1.393177 | 304.5727 |
| Stddev | .0003203 | .0004237 | .04058 | .0010783 | .0010469 | .006528 | .4348 |
| %RSD | 3.216586 | 1.795349 | .1401940 | .4107122 | .6561019 | .4685419 | .1427491 |
| #1 | .0095886 | .0238036 | 28.95471 | .2623555 | .1605412 | 1.392350 | 304.8368 |
| #2 | .0101748 | .0238818 | 28.90210 | .2637048 | .1584593 | 1.387102 | 304.0709 |
| #3 | .0101052 | .0231120 | 28.98193 | .2615732 | .1596936 | 1.400078 | 304.8104 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.05054 | 47.47641 | .3144153 | -.027818 | 1.525132 | .5908010 | 1.120357 |
| Stddev | .04118 | .22723 | .0005364 | .000200 | .141735 | .0068603 | .006338 |
| %RSD | .3155081 | .4786205 | .1705979 | .7196844 | 9.293269 | 1.161193 | .5657303 |
| #1 | 13.05905 | 47.73541 | .3142656 | -.027876 | 1.624482 | .5943320 | 1.127356 |
| #2 | 13.00577 | 47.31056 | .3139696 | -.027983 | 1.588090 | .5951766 | 1.118712 |
| #3 | 13.08679 | 47.38325 | .3150106 | -.027596 | 1.362826 | .5828944 | 1.115004 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.63810 | 3.912835 | .2574811 | -.000054 | .7659301 | 3.348876 | .0129567 |
| Stddev | .14798 | .008066 | .0011956 | .000059 | .0109056 | .014717 | .0021304 |
| %RSD | .8389664 | .2061545 | .4643314 | 109.4668 | 1.423842 | .4394651 | 16.44213 |
| #1 | 17.78400 | 3.922025 | .2581500 | -.000058 | .7679627 | 3.359381 | .0107170 |
| #2 | 17.48813 | 3.906925 | .2561008 | .000007 | .7541512 | 3.332055 | .0131954 |
| #3 | 17.64216 | 3.909556 | .2581924 | -.000110 | .7756765 | 3.355193 | .0149576 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-02DLX2 Acquired: 10/31/2024 6:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1D Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.835139 | .0985559 | .2457081 |
| Stddev | .003993 | .0011814 | .0000448 |
| %RSD | .1408223 | 1.198673 | .0182268 |
| | | | |
| #1 | 2.837531 | .0972386 | .2457551 |
| #2 | 2.830530 | .0989077 | .2456659 |
| #3 | 2.837356 | .0995214 | .2457034 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1031.592 | 24817.17 | 2920.492 | 895.5172 | 1714.804 |
| Stddev | .132 | 5.98 | 8.845 | 3.5179 | 1.543 |
| %RSD | .0127538 | .0240788 | .3028507 | .3928393 | .0900047 |
| | | | | | |
| #1 | 1031.732 | 24818.55 | 2913.216 | 892.4366 | 1714.231 |
| #2 | 1031.572 | 24810.63 | 2930.337 | 894.7644 | 1716.552 |
| #3 | 1031.471 | 24822.34 | 2917.923 | 899.3506 | 1713.630 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-03DLX2 Acquired: 10/31/2024 6:21:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1S Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7241348 | -.039928 | .4635929 | -.006664 | .0137177 | 134.9459 | 1.533830 |
| Stddev | .0031740 | .001835 | .0042566 | .002983 | .0029969 | .3186 | .003835 |
| %RSD | .4383206 | 4.596201 | .9181792 | 44.75746 | 21.84711 | .2361300 | .2500378 |
| #1 | .7251320 | -.037815 | .4684964 | -.009892 | .0105295 | 134.6966 | 1.534455 |
| #2 | .7205819 | -.040853 | .4614331 | -.006088 | .0164772 | 134.8361 | 1.529722 |
| #3 | .7266904 | -.041118 | .4608491 | -.004011 | .0141463 | 135.3049 | 1.537315 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0095214 | .0216278 | 27.61794 | .2444061 | .1459832 | 1.231062 | 297.1189 |
| Stddev | .0002078 | .0001190 | .05187 | .0009264 | .0003800 | .001653 | .2805 |
| %RSD | 2.182790 | .5499937 | .1878251 | .3790505 | .2603187 | .1342639 | .0944055 |
| #1 | .0093269 | .0216555 | 27.59418 | .2433849 | .1455924 | 1.229559 | 296.8442 |
| #2 | .0094970 | .0217304 | 27.58220 | .2451925 | .1460056 | 1.232832 | 297.1077 |
| #3 | .0097404 | .0214974 | 27.67743 | .2446411 | .1463515 | 1.230796 | 297.4049 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.68328 | 44.69865 | .2949611 | -.028071 | 1.319248 | .5849986 | 1.036993 |
| Stddev | .04323 | .32519 | .0006136 | .000549 | .302700 | .0114156 | .005788 |
| %RSD | .3408287 | .7275267 | .2080155 | 1.954042 | 22.94492 | 1.951395 | .5581103 |
| #1 | 12.71163 | 44.32811 | .2956579 | -.028591 | 1.429928 | .5956161 | 1.031441 |
| #2 | 12.63353 | 44.93662 | .2945016 | -.028123 | .976784 | .5729246 | 1.036549 |
| #3 | 12.70469 | 44.83123 | .2947239 | -.027498 | 1.551031 | .5864553 | 1.042990 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.84417 | 3.736548 | .2530670 | -.000354 | .8516253 | 3.880976 | .0133747 |
| Stddev | .06366 | .015305 | .0009560 | .000831 | .0072218 | .011409 | .0048359 |
| %RSD | .3779624 | .4096097 | .3777781 | 234.6360 | .8480026 | .2939729 | 36.15728 |
| #1 | 16.84036 | 3.720372 | .2519710 | -.001290 | .8439500 | 3.891717 | .0184179 |
| #2 | 16.78249 | 3.750802 | .2535004 | .000297 | .8526396 | 3.868999 | .0087768 |
| #3 | 16.90965 | 3.738469 | .2537295 | -.000070 | .8582864 | 3.882211 | .0129294 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-03DLX2 Acquired: 10/31/2024 6:21:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1S Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.978872 | .0939881 | .2415768 |
| Stddev | .007489 | .0014245 | .0001264 |
| %RSD | .2513914 | 1.515650 | .0523062 |
| | | | |
| #1 | 2.973918 | .0923959 | .2416506 |
| #2 | 2.975210 | .0944264 | .2416489 |
| #3 | 2.987487 | .0951419 | .2414309 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1025.325 | 24659.44 | 2883.897 | 885.8887 | 1712.844 |
| Stddev | .779 | 58.83 | 8.415 | 3.5415 | .687 |
| %RSD | .0759575 | .2385689 | .2918073 | .3997722 | .0400849 |
| | | | | | |
| #1 | 1024.936 | 24725.86 | 2878.616 | 889.5476 | 1712.682 |
| #2 | 1024.818 | 24613.88 | 2893.602 | 885.6409 | 1712.253 |
| #3 | 1026.222 | 24638.58 | 2879.474 | 882.4776 | 1713.597 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-01LDLX10 Acquired: 10/31/2024 6:25:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1L Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1426565 | -.006408 | .0955420 | -.002097 | .0007020 | 29.09140 | .3312490 |
| Stddev | .0036256 | .001696 | .0044497 | .003016 | .0034638 | .13854 | .0006095 |
| %RSD | 2.541461 | 26.47180 | 4.657371 | 143.8455 | 493.4241 | .4762102 | .1839900 |
| #1 | .1395421 | -.008027 | .0983862 | -.003869 | -.002438 | 29.15049 | .3313163 |
| #2 | .1417911 | -.006553 | .0904141 | -.003808 | .000127 | 29.19060 | .3318221 |
| #3 | .1466365 | -.004643 | .0978258 | .001386 | .004417 | 28.93312 | .3306087 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0022024 | .0041983 | 6.027705 | .0527080 | .0301666 | .2684454 | 65.57058 |
| Stddev | .0001544 | .0001325 | .038466 | .0004949 | .0001754 | .0063848 | .24715 |
| %RSD | 7.009704 | 3.156330 | .6381604 | .9388908 | .5814265 | 2.378429 | .3769206 |
| #1 | .0021312 | .0043271 | 5.999448 | .0522180 | .0301246 | .2654093 | 65.65390 |
| #2 | .0023795 | .0040623 | 6.071512 | .0532076 | .0300161 | .2641452 | 65.76530 |
| #3 | .0020964 | .0042055 | 6.012156 | .0526982 | .0303592 | .2757817 | 65.29254 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.785721 | 9.667169 | .0599684 | -.010728 | .3106480 | .1239301 | .2292433 |
| Stddev | .011849 | .144909 | .0004527 | .000582 | .3114569 | .0031451 | .0007951 |
| %RSD | .4253324 | 1.498982 | .7548364 | 5.422207 | 100.2604 | 2.537829 | .3468433 |
| #1 | 2.788678 | 9.522988 | .0598100 | -.010501 | .0522004 | .1252799 | .2296344 |
| #2 | 2.795811 | 9.812795 | .0596162 | -.010294 | .2232869 | .1261751 | .2297671 |
| #3 | 2.772674 | 9.665725 | .0604789 | -.011389 | .6564567 | .1203354 | .2283284 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.614236 | .7468420 | .0511206 | -.000320 | .1660612 | .8396762 | .0043110 |
| Stddev | .106146 | .0042972 | .0008162 | .000260 | .0033702 | .0083808 | .0019023 |
| %RSD | 2.936877 | .5753844 | 1.596654 | 81.47334 | 2.029476 | .9981002 | 44.12567 |
| #1 | 3.492237 | .7470251 | .0502748 | -.000504 | .1623041 | .8337406 | .0039156 |
| #2 | 3.665038 | .7510447 | .0511834 | -.000433 | .1688179 | .8492633 | .0026375 |
| #3 | 3.685434 | .7424562 | .0519036 | -.000022 | .1670616 | .8360247 | .0063799 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4544-01LDLX10 Acquired: 10/31/2024 6:25:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5G1L Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6443311 | .0171313 | .0521453 |
| Stddev | .0020383 | .0003557 | .0001600 |
| %RSD | .3163379 | 2.076454 | .3067735 |
| | | | |
| #1 | .6466692 | .0169230 | .0521741 |
| #2 | .6433953 | .0175421 | .0522890 |
| #3 | .6429287 | .0169290 | .0519729 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 988.8194 | 23591.80 | 2714.805 | 854.1008 | 1809.740 |
| Stddev | 2.4932 | 31.42 | 14.717 | 2.7094 | 3.379 |
| %RSD | .2521437 | .1331880 | .5421081 | .3172254 | .1866912 |
| | | | | | |
| #1 | 986.9379 | 23561.24 | 2714.976 | 855.0439 | 1806.012 |
| #2 | 987.8731 | 23590.16 | 2700.003 | 851.0458 | 1812.600 |
| #3 | 991.6473 | 23624.01 | 2729.436 | 856.2126 | 1810.607 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BL Acquired: 10/31/2024 6:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS451 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004166 | .0032254 | -.000970 | .0015564 | -.002502 | .0244014 | -.002844 |
| Stddev | .001550 | .0019722 | .002777 | .0068331 | .003132 | .0123471 | .000584 |
| %RSD | 37.20455 | 61.14405 | 286.1781 | 439.0248 | 125.1988 | 50.59990 | 20.52132 |
| #1 | -.003529 | .0038062 | .002233 | -.003871 | .000988 | .0271808 | -.002675 |
| #2 | -.003036 | .0048420 | -.002699 | .009230 | -.005070 | .0109015 | -.002364 |
| #3 | -.005933 | .0010281 | -.002446 | -.000690 | -.003423 | .0351219 | -.003494 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000231 | -.000177 | .0050960 | -.000734 | .0007750 | -.002030 | -.007906 |
| Stddev | .0001440 | .000040 | .0100262 | .000430 | .0001746 | .002137 | .031502 |
| %RSD | 623.7863 | 22.37157 | 196.7464 | 58.50454 | 22.52505 | 105.2298 | 398.4597 |
| #1 | .0000006 | -.000141 | .0110774 | -.001042 | .0006076 | -.000452 | .000141 |
| #2 | -.000108 | -.000219 | .0106897 | -.000243 | .0007614 | -.001177 | -.042652 |
| #3 | .000177 | -.000170 | -.006479 | -.000918 | .0009560 | -.004462 | .018792 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000097 | -.025325 | -.000594 | -.004729 | .1275797 | -.003271 | -.000540 |
| Stddev | .0013210 | .054793 | .000637 | .000282 | .2153605 | .009583 | .000274 |
| %RSD | 13616.71 | 216.3554 | 107.2382 | 5.968949 | 168.8047 | 292.9496 | 50.77096 |
| #1 | -.000481 | -.071897 | -.001314 | -.004984 | .1085352 | .002202 | -.000384 |
| #2 | .001506 | -.039129 | -.000364 | -.004777 | -.077626 | .002321 | -.000857 |
| #3 | -.000996 | .035049 | -.000104 | -.004426 | .351830 | -.014337 | -.000380 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1389047 | -.003103 | -.006322 | -.000058 | -.005561 | .0004630 | .0026169 |
| Stddev | .0449648 | .002429 | .000629 | .000411 | .002902 | .0001411 | .0015372 |
| %RSD | 32.37096 | 78.28702 | 9.952625 | 708.3736 | 52.18138 | 30.48359 | 58.73960 |
| #1 | .1814719 | -.004634 | -.006974 | .000385 | -.002700 | .0004998 | .0043699 |
| #2 | .0918751 | -.004373 | -.006272 | -.000428 | -.008502 | .0005821 | .0019814 |
| #3 | .1433672 | -.000302 | -.005719 | -.000131 | -.005480 | .0003071 | .0014994 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BL Acquired: 10/31/2024 6:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS451 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000166 | -.000977 | -.000263 |
| Stddev | .001912 | .001968 | .000108 |
| %RSD | 1149.600 | 201.4122 | 41.08373 |
| | | | |
| #1 | .001988 | -.002750 | -.000354 |
| #2 | -.000824 | -.001321 | -.000143 |
| #3 | -.001662 | .001140 | -.000292 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 970.3913 | 22897.87 | 2606.924 | 830.8287 | 1863.600 |
| Stddev | 1.4080 | 21.90 | 4.138 | 4.4329 | 2.355 |
| %RSD | .1450964 | .0956426 | .1587179 | .5335525 | .1263722 |
| | | | | | |
| #1 | 971.3662 | 22878.88 | 2606.525 | 825.9990 | 1866.031 |
| #2 | 968.7770 | 22892.90 | 2603.000 | 834.7120 | 1863.441 |
| #3 | 971.0305 | 22921.83 | 2611.246 | 831.7750 | 1861.329 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BS Acquired: 10/31/2024 6:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS451 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0161287 | .0547776 | .0195492 | .0662386 | .1132779 | .3770048 |
| Stddev | .0041216 | .0003913 | .0014492 | .0060367 | .0027567 | .0105659 |
| %RSD | 25.55463 | .7142756 | 7.412930 | 9.113543 | 2.433585 | 2.802601 |
| #1 | .0207916 | .0544311 | .0212200 | .0703827 | .1135764 | .3648300 |
| #2 | .0129719 | .0552020 | .0186337 | .0690206 | .1103841 | .3837783 |
| #3 | .0146226 | .0546998 | .0187939 | .0593126 | .1158733 | .3824060 |

| Elem | Ba4934 | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4298938 | .0112030 | .0105119 | 10.62389 | .0211546 | .1018178 |
| Stddev | .0012205 | .0001393 | .0002139 | .03340 | .0005661 | .0006357 |
| %RSD | .2839070 | 1.243084 | 2.034690 | .3143589 | 2.676270 | .6243921 |
| #1 | .4301830 | .0110423 | .0104446 | 10.59584 | .0217828 | .1012033 |
| #2 | .4285546 | .0112804 | .0103397 | 10.61501 | .0206838 | .1024728 |
| #3 | .4309437 | .0112864 | .0107513 | 10.66083 | .0209972 | .1017773 |

| Elem | Cu3247 | Fe2598 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0503475 | .1903962 | .0321630 | 10.43963 | .0848392 | .0175182 |
| Stddev | .0043991 | .0045480 | .0015595 | .08342 | .0008775 | .0002950 |
| %RSD | 8.737466 | 2.388686 | 4.848623 | .7990959 | 1.034304 | 1.684202 |
| #1 | .0452872 | .1949192 | .0313798 | 10.39549 | .0854136 | .0178073 |
| #2 | .0524934 | .1904457 | .0311505 | 10.38755 | .0852748 | .0172176 |
| #3 | .0532617 | .1858236 | .0339589 | 10.53585 | .0838291 | .0175295 |

| Elem | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.21134 | .1092564 | .1133188 | 9.883598 | .0150656 | F -.005345 |
| Stddev | .07595 | .0078376 | .0010354 | .263778 | .0017464 | .001114 |
| %RSD | .7437866 | 7.173627 | .9137104 | 2.668848 | 11.59207 | 20.83429 |
| #1 | 10.22563 | .1042615 | .1133961 | 9.677182 | .0136840 | -.005169 |
| #2 | 10.12926 | .1182897 | .1122470 | 9.792840 | .0170285 | -.004331 |
| #3 | 10.27913 | .1052181 | .1143135 | 10.18077 | .0144841 | -.006537 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BS Acquired: 10/31/2024 6:34:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS451 Custom ID2: Custom ID3:
Comment:

| Elem | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F .0194649 | .1848746 | F .4496990 | .0166196 | .2045350 | .0275132 |
| Stddev | .0002348 | .0057009 | .0027860 | .0004329 | .0029873 | .0030535 |
| %RSD | 1.206280 | 3.083643 | .6195229 | 2.604901 | 1.460539 | 11.09831 |
| #1 | .0196861 | .1858075 | .4517606 | .0161466 | .2025716 | .0304930 |
| #2 | .0192186 | .1787648 | .4465295 | .0167161 | .2030605 | .0243910 |
| #3 | .0194901 | .1900515 | .4508069 | .0169961 | .2079728 | .0276555 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2117007 |
| Stddev | .0012250 |
| %RSD | .5786624 |
| #1 | .2127780 |
| #2 | .2103682 |
| #3 | .2119560 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 969.7796 | 22969.81 | 2640.856 | 835.2976 | 1832.920 |
| Stddev | 1.5055 | 43.50 | 13.846 | 3.2081 | 1.288 |
| %RSD | .1552459 | .1893620 | .5243169 | .3840712 | .0702951 |
| #1 | 970.7439 | 22952.01 | 2631.502 | 833.6655 | 1832.326 |
| #2 | 970.5501 | 22938.04 | 2656.762 | 838.9936 | 1834.398 |
| #3 | 968.0447 | 23019.39 | 2634.303 | 833.2336 | 1832.035 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BSD Acquired: 10/31/2024 6:39:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD451 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0081422 | .0283712 | .0087363 | .0339151 | .0555479 | .2320189 | .2191800 |
| Stddev | .0008402 | .0028409 | .0013474 | .0039869 | .0014470 | .0171220 | .0004798 |
| %RSD | 10.31935 | 10.01320 | 15.42322 | 11.75550 | 2.604862 | 7.379589 | .2188925 |
| #1 | .0076623 | .0253212 | .0099256 | .0331093 | .0563409 | .2425603 | .2186498 |
| #2 | .0091124 | .0288504 | .0090104 | .0303927 | .0564251 | .2122629 | .2193059 |
| #3 | .0076519 | .0309420 | .0072729 | .0382434 | .0538779 | .2412335 | .2195842 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058241 | .0054301 | 5.538002 | .0100436 | .0523325 | .0218712 | .0634075 |
| Stddev | .0000120 | .0000868 | .021013 | .0003780 | .0010401 | .0042434 | .0035766 |
| %RSD | .2055342 | 1.599028 | .3794393 | 3.763242 | 1.987433 | 19.40187 | 5.640584 |
| #1 | .0058103 | .0053828 | 5.513859 | .0097676 | .0518180 | .0171931 | .0628275 |
| #2 | .0058309 | .0055303 | 5.547971 | .0098887 | .0516499 | .0254725 | .0601563 |
| #3 | .0058312 | .0053773 | 5.552175 | .0104744 | .0535295 | .0229479 | .0672386 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0178491 | 5.510926 | .0436620 | .0076481 | 5.393408 | .0586262 | .0580301 |
| Stddev | .0014676 | .065246 | .0002157 | .0003699 | .310636 | .0181869 | .0000524 |
| %RSD | 8.222220 | 1.183940 | .4939708 | 4.836297 | 5.759542 | 31.02182 | .0902353 |
| #1 | .0161849 | 5.456118 | .0437231 | .0072833 | 5.064350 | .0665577 | .0580561 |
| #2 | .0184043 | 5.583097 | .0438406 | .0076382 | 5.434306 | .0378206 | .0580643 |
| #3 | .0189581 | 5.493561 | .0434224 | .0080229 | 5.681569 | .0715003 | .0579698 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.098343 | .0033928 | -.005018 | .0096998 | .0890090 | .2337051 | .0094736 |
| Stddev | .045670 | .0010925 | .000899 | .0006660 | .0046129 | .0002032 | .0005483 |
| %RSD | .8957803 | 32.20001 | 17.91732 | 6.866247 | 5.182486 | .0869548 | 5.787841 |
| #1 | 5.055693 | .0045984 | -.005012 | .0102905 | .0928054 | .2336269 | .0091216 |
| #2 | 5.092807 | .0031118 | -.005919 | .0089780 | .0903464 | .2335526 | .0101053 |
| #3 | 5.146528 | .0024683 | -.004121 | .0098310 | .0838752 | .2339358 | .0091938 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: PB164451BSD Acquired: 10/31/2024 6:39:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD451 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1071953 | .0131907 | .1087188 |
| Stddev | .0010244 | .0005259 | .0002574 |
| %RSD | .9556393 | 3.986826 | .2367488 |
| | | | |
| #1 | .1077801 | .0126050 | .1084348 |
| #2 | .1060124 | .0136223 | .1087848 |
| #3 | .1077933 | .0133450 | .1089367 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 966.9098 | 22945.43 | 2627.549 | 836.2298 | 1851.108 |
| Stddev | 1.2737 | 78.78 | 5.022 | 5.6080 | 1.485 |
| %RSD | .1317242 | .3433356 | .1911127 | .6706321 | .0802344 |
| | | | | | |
| #1 | 968.1800 | 22949.91 | 2633.325 | 840.1349 | 1851.411 |
| #2 | 965.6327 | 22864.50 | 2624.221 | 829.8037 | 1849.495 |
| #3 | 966.9168 | 23021.87 | 2625.100 | 838.7508 | 1852.419 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-01 Acquired: 10/31/2024 6:43:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCX5 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.006118 | -.000508 | .0008760 | .0023368 | -.001291 | .0031785 | -.002115 |
| Stddev | .004049 | .001745 | .0002489 | .0021195 | .000685 | .0009890 | .001028 |
| %RSD | 66.18697 | 343.3384 | 28.41175 | 90.70063 | 53.02711 | 31.11558 | 48.60792 |
| #1 | -.001793 | -.001636 | .0011280 | .0045643 | -.001041 | .0039621 | -.001276 |
| #2 | -.006741 | -.001392 | .0006303 | .0021008 | -.000767 | .0020672 | -.001807 |
| #3 | -.009819 | .001502 | .0008697 | .0003452 | -.002066 | .0035062 | -.003262 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000191 | -.000066 | .1239358 | -.000572 | .0003327 | -.001004 | -.015665 |
| Stddev | .000143 | .000048 | .0119533 | .000749 | .0001141 | .002276 | .020984 |
| %RSD | 75.03172 | 72.94460 | 9.644773 | 130.9978 | 34.30456 | 226.7617 | 133.9584 |
| #1 | -.000354 | -.000086 | .1304164 | -.001407 | .0004292 | .001561 | -.012386 |
| #2 | -.000134 | -.000100 | .1101417 | -.000345 | .0002067 | -.001788 | .003487 |
| #3 | -.000085 | -.000011 | .1312494 | .000038 | .0003621 | -.002785 | -.038095 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0026626 | -.054561 | -.000240 | -.007576 | .0783274 | .0075325 | .0000610 |
| Stddev | .0008913 | .054951 | .000303 | .000438 | .2233023 | .0082882 | .0002703 |
| %RSD | 33.47401 | 100.7141 | 125.9013 | 5.779558 | 285.0885 | 110.0315 | 443.4126 |
| #1 | .0017265 | -.115440 | -.000214 | -.007987 | .0703653 | .0119533 | .0003615 |
| #2 | .0027602 | -.039609 | -.000555 | -.007115 | .3055041 | -.002029 | -.000162 |
| #3 | .0035010 | -.008634 | .000048 | -.007625 | -.140887 | .012673 | -.000016 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -1.57862 | -.002879 | -.006313 | .0003381 | .0013680 | -.001703 | .0004458 |
| Stddev | .11096 | .002390 | .000379 | .0002854 | .0008099 | .000456 | .0007110 |
| %RSD | 7.028712 | 83.02176 | 6.008169 | 84.41172 | 59.20269 | 26.79545 | 159.5020 |
| #1 | -1.70462 | -.002283 | -.006750 | .0000393 | .0016956 | -.001555 | -.000189 |
| #2 | -1.53575 | -.000843 | -.006128 | .0003671 | .0004456 | -.002215 | .000311 |
| #3 | -1.49550 | -.005510 | -.006062 | .0006078 | .0019629 | -.001339 | .001214 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-01 Acquired: 10/31/2024 6:43:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCX5 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000116 | -.006555 | .0001634 |
| Stddev | .000805 | .001077 | .0000299 |
| %RSD | 696.8623 | 16.42395 | 18.28729 |
| | | | |
| #1 | -.000536 | -.005381 | .0001368 |
| #2 | .000813 | -.006789 | .0001576 |
| #3 | -.000624 | -.007496 | .0001957 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1004.535 | 23893.79 | 2722.592 | 868.4698 | 1948.968 |
| Stddev | 2.455 | 57.49 | 16.938 | 7.1150 | .823 |
| %RSD | .2444001 | .2406176 | .6221213 | .8192551 | .0422257 |
| | | | | | |
| #1 | 1007.189 | 23956.12 | 2706.125 | 873.3051 | 1948.064 |
| #2 | 1004.072 | 23842.85 | 2739.964 | 860.3000 | 1949.166 |
| #3 | 1002.345 | 23882.39 | 2721.686 | 871.8045 | 1949.674 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-02 Acquired: 10/31/2024 6:48:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCY6 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003958 | .0027575 | -.000804 | -.001213 | -.001485 | .0032242 | -.002236 |
| Stddev | .004302 | .0037032 | .001889 | .006067 | .001819 | .0097514 | .000434 |
| %RSD | 108.6835 | 134.2928 | 234.8462 | 500.2627 | 122.5271 | 302.4434 | 19.41361 |
| #1 | -.002223 | .0063223 | .000419 | .003960 | -.003246 | .0142343 | -.002415 |
| #2 | -.008857 | .0030203 | -.002980 | -.007890 | .000387 | -.004324 | -.001741 |
| #3 | -.000795 | -.001070 | .000148 | .000292 | -.001594 | -.000238 | -.002552 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000198 | .0000548 | .1093286 | -.000855 | .0003816 | .0013088 | -.000697 |
| Stddev | .0000661 | .0001413 | .0173880 | .000167 | .0001331 | .0025013 | .017459 |
| %RSD | 333.2868 | 257.8780 | 15.90435 | 19.58731 | 34.88280 | 191.1084 | 2505.881 |
| #1 | .0000871 | .0001932 | .1106357 | -.000665 | .0004756 | .0041191 | -.006338 |
| #2 | -.000045 | -.000089 | .1260262 | -.000980 | .0004400 | .0004811 | -.014637 |
| #3 | .000017 | .000060 | .0913239 | -.000920 | .0002293 | -.000674 | .018885 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0063391 | -.050613 | .0004723 | -.008287 | .6644011 | .0053259 | .0002056 |
| Stddev | .0011010 | .053263 | .0003153 | .000522 | .1169516 | .0085588 | .0004911 |
| %RSD | 17.36912 | 105.2360 | 66.75041 | 6.293502 | 17.60256 | 160.7023 | 238.9254 |
| #1 | .0053005 | -.111597 | .0001109 | -.007928 | .7993657 | -.004556 | .0000244 |
| #2 | .0074934 | -.027031 | .0006908 | -.008048 | .5929053 | .010351 | -.000169 |
| #3 | .0062234 | -.013212 | .0006152 | -.008885 | .6009323 | .010183 | .000761 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -1.46709 | .0009829 | -.006049 | .0005870 | .0274036 | .0033227 | -.000721 |
| Stddev | .09939 | .0012258 | .000630 | .0002921 | .0066584 | .0005511 | .000919 |
| %RSD | 6.774879 | 124.7085 | 10.41819 | 49.76328 | 24.29762 | 16.58516 | 127.4592 |
| #1 | -1.54089 | .0007999 | -.005337 | .0002518 | .0327139 | .0038976 | -.001627 |
| #2 | -1.35407 | .0022899 | -.006534 | .0007221 | .0199334 | .0032714 | -.000746 |
| #3 | -1.50631 | -.000141 | -.006277 | .0007871 | .0295634 | .0027991 | .000210 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-02 Acquired: 10/31/2024 6:48:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCY6 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0009607 | -.006851 | .0001319 |
| Stddev | .0014207 | .001902 | .0001417 |
| %RSD | 147.8864 | 27.75977 | 107.4229 |
| | | | |
| #1 | .0015201 | -.008638 | .0001323 |
| #2 | -.000655 | -.004852 | .0002734 |
| #3 | .002017 | -.007064 | -.000010 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1004.786 | 23869.88 | 2727.175 | 865.1878 | 1946.028 |
| Stddev | 1.325 | 45.68 | 28.639 | 7.0007 | 1.655 |
| %RSD | .1318645 | .1913785 | 1.050118 | .8091574 | .0850388 |
| | | | | | |
| #1 | 1005.839 | 23894.03 | 2755.164 | 868.1069 | 1947.035 |
| #2 | 1003.298 | 23817.19 | 2697.929 | 857.1999 | 1946.931 |
| #3 | 1005.221 | 23898.42 | 2728.432 | 870.2566 | 1944.118 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-03 Acquired: 10/31/2024 6:52:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCY7 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.006482 | -.001408 | -.000261 | .0017430 | -.001539 | .0185516 | -.002472 |
| Stddev | .004542 | .000372 | .001984 | .0030455 | .001315 | .0077224 | .000475 |
| %RSD | 70.07879 | 26.41841 | 760.6390 | 174.7327 | 85.42270 | 41.62675 | 19.23242 |
| #1 | -.003243 | -.001786 | .001560 | .0017468 | -.002253 | .0189402 | -.002422 |
| #2 | -.004528 | -.001043 | .000034 | .0047865 | -.002342 | .0260724 | -.002024 |
| #3 | -.011674 | -.001395 | -.002376 | -.001305 | -.000022 | .0106422 | -.002971 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000136 | -.000062 | .0639300 | -.000563 | .0000588 | .0004544 | -.001554 |
| Stddev | .0001355 | .000034 | .0079444 | .000351 | .0005334 | .0052369 | .037495 |
| %RSD | 997.3243 | 54.53797 | 12.42676 | 62.33065 | 906.9261 | 1152.611 | 2413.236 |
| #1 | .0000250 | -.000032 | .0694141 | -.000162 | -.000502 | -.004510 | -.044825 |
| #2 | .0001430 | -.000099 | .0675564 | -.000713 | .000118 | .005927 | .018814 |
| #3 | -.000127 | -.000055 | .0548194 | -.000814 | .000560 | -.000054 | .021350 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009252 | -.011699 | -.000216 | -.008511 | .4375965 | -.006565 | .0000042 |
| Stddev | .0009422 | .052951 | .000438 | .000551 | .0359757 | .010489 | .0007283 |
| %RSD | 101.8420 | 452.6153 | 203.1651 | 6.475201 | 8.221193 | 159.7669 | 17286.57 |
| #1 | .0014368 | -.055320 | .000277 | -.008227 | .4739237 | -.009189 | -.000718 |
| #2 | -.000162 | -.026993 | -.000364 | -.008160 | .4368829 | .004987 | .000739 |
| #3 | .001501 | .047216 | -.000560 | -.009146 | .4019830 | -.015494 | -.000009 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -1.68284 | -.004415 | -.005401 | .0001856 | .0024109 | -.001209 | .0000549 |
| Stddev | .02119 | .002810 | .000283 | .0003137 | .0014460 | .000184 | .0013257 |
| %RSD | 1.259396 | 63.63303 | 5.243623 | 169.0007 | 59.97615 | 15.17590 | 2413.234 |
| #1 | -1.70729 | -.005048 | -.005075 | .0003166 | .0028950 | -.001044 | .0010763 |
| #2 | -1.66974 | -.001343 | -.005580 | -.000172 | .0007850 | -.001407 | -.001443 |
| #3 | -1.67149 | -.006855 | -.005550 | .000413 | .0035527 | -.001178 | .000532 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: P4496-03 Acquired: 10/31/2024 6:52:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCY7 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0018973 | -.007822 | .0000416 |
| Stddev | .0005207 | .002254 | .0000771 |
| %RSD | 27.44581 | 28.81983 | 185.5051 |
| | | | |
| #1 | .0014601 | -.005230 | .0000718 |
| #2 | .0017585 | -.009328 | -.000046 |
| #3 | .0024734 | -.008907 | .000099 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1005.208 | 23865.86 | 2744.808 | 865.5258 | 1941.821 |
| Stddev | 1.557 | 49.49 | 12.438 | 2.6107 | 1.399 |
| %RSD | .1549327 | .2073552 | .4531629 | .3016309 | .0720524 |
| | | | | | |
| #1 | 1003.549 | 23839.71 | 2758.800 | 867.1984 | 1940.310 |
| #2 | 1006.638 | 23834.92 | 2740.621 | 862.5175 | 1943.071 |
| #3 | 1005.439 | 23922.93 | 2735.004 | 866.8614 | 1942.082 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV006 Acquired: 10/31/2024 6:57:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.236130 | 4.850990 | 25.03342 | 4.892682 | 4.925892 | 408.1878 | 10.42165 |
| Stddev | .016381 | .013393 | .00918 | .016471 | .016496 | 1.5325 | .04157 |
| %RSD | .3128511 | .2760892 | .0366787 | .3366542 | .3348900 | .3754278 | .3988710 |
| | | | | | | | |
| #1 | 5.245722 | 4.835561 | 25.02410 | 4.875185 | 4.912989 | 409.4604 | 10.45778 |
| #2 | 5.217215 | 4.857790 | 25.04246 | 4.894972 | 4.944479 | 408.6163 | 10.43094 |
| #3 | 5.245452 | 4.859619 | 25.03370 | 4.907889 | 4.920209 | 406.4868 | 10.37622 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5276848 | 2.522337 | 399.9419 | 15.00051 | 2.532619 | 14.95020 | 402.9673 |
| Stddev | .0012011 | .003103 | 1.9534 | .03570 | .000921 | .05157 | 1.7057 |
| %RSD | .2276205 | .1230400 | .4884277 | .2379632 | .0363525 | .3449241 | .4232785 |
| | | | | | | | |
| #1 | .5286775 | 2.518893 | 401.4399 | 14.98596 | 2.532354 | 14.98806 | 403.9678 |
| #2 | .5280273 | 2.523201 | 400.6534 | 15.04118 | 2.531860 | 14.97107 | 403.9364 |
| #3 | .5263496 | 2.524917 | 397.7325 | 14.97438 | 2.533643 | 14.89147 | 400.9979 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.75134 | 390.1716 | 2.521441 | 1.274496 | 402.6253 | 2.442014 | 14.57644 |
| Stddev | .05896 | 1.0787 | .001160 | .002758 | 1.7891 | .010225 | .08562 |
| %RSD | .3997146 | .2764766 | .0460057 | .2164265 | .4443662 | .4187196 | .5873650 |
| | | | | | | | |
| #1 | 14.78849 | 390.4555 | 2.520534 | 1.271342 | 403.3999 | 2.444650 | 14.67367 |
| #2 | 14.78219 | 391.0800 | 2.522748 | 1.276457 | 403.8966 | 2.450662 | 14.51232 |
| #3 | 14.68336 | 388.9793 | 2.521040 | 1.275689 | 400.5794 | 2.430728 | 14.54334 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 154.5178 | 5.102210 | 4.850410 | 4.794022 | 5.177231 | 4.847548 | 5.054710 |
| Stddev | .5458 | .002416 | .012524 | .009313 | .011228 | .014765 | .010478 |
| %RSD | .3532546 | .0473462 | .2582023 | .1942695 | .2168753 | .3045768 | .2072934 |
| | | | | | | | |
| #1 | 154.9491 | 5.103308 | 4.864836 | 4.783330 | 5.186528 | 4.864054 | 5.054549 |
| #2 | 154.7003 | 5.099440 | 4.842324 | 4.800365 | 5.180407 | 4.842988 | 5.044313 |
| #3 | 153.9041 | 5.103881 | 4.844070 | 4.798372 | 5.164757 | 4.835601 | 5.065267 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCV006 Acquired: 10/31/2024 6:57:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.946193 | 4.990744 | 5.138169 |
| Stddev | .023406 | .032742 | .023924 |
| %RSD | .4732193 | .6560584 | .4656161 |
| | | | |
| #1 | 4.966927 | 5.013158 | 5.159486 |
| #2 | 4.950840 | 5.005905 | 5.142728 |
| #3 | 4.920811 | 4.953169 | 5.112293 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 782.9029 | 21045.04 | 2541.127 | 647.7905 | 1413.287 |
| Stddev | 1.9118 | 68.96 | 11.609 | 3.7353 | .999 |
| %RSD | .2441995 | .3276865 | .4568510 | .5766249 | .0706604 |
| | | | | | |
| #1 | 785.0956 | 21052.03 | 2531.396 | 643.4815 | 1414.413 |
| #2 | 781.5849 | 20972.85 | 2538.007 | 649.7804 | 1412.939 |
| #3 | 782.0282 | 21110.24 | 2553.977 | 650.1096 | 1412.509 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB006 Acquired: 10/31/2024 7:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003740 | .0051420 | .0010123 | .0015097 | -.002437 | .0029326 | -.003569 |
| Stddev | .000964 | .0045185 | .0017881 | .0018129 | .003063 | .0078715 | .000888 |
| %RSD | 25.76837 | 87.87347 | 176.6327 | 120.0848 | 125.7044 | 268.4099 | 24.88462 |
| #1 | -.003848 | .0000340 | .0008353 | .0021713 | -.001840 | -.000718 | -.002543 |
| #2 | -.002726 | .0067755 | -.000681 | -.000541 | .000284 | -.002450 | -.004088 |
| #3 | -.004644 | .0086167 | .002882 | .002899 | -.005755 | .011967 | -.004075 |

| Elem | Be2348 | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000007 | .0000477 | .0105487 | .0000535 | .0004002 | -.000546 | -.004688 |
| Stddev | .000098 | .0001442 | .0092650 | .0004867 | .0002710 | .003708 | .020837 |
| %RSD | 1435.679 | 302.0951 | 87.83036 | 910.4176 | 67.71590 | 678.6131 | 444.4436 |
| #1 | -.000100 | -.000073 | .0114264 | .0006092 | .0005002 | -.004642 | -.024833 |
| #2 | .000096 | .000207 | .0008761 | -.000152 | .0006070 | .002582 | -.006010 |
| #3 | -.000017 | .000009 | .0193436 | -.000297 | .0000934 | .000421 | .016778 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000573 | -.019783 | -.000244 | -.005049 | .0607743 | -.002172 | .0000133 |
| Stddev | .001059 | .121116 | .000261 | .000467 | .1322010 | .005527 | .0006966 |
| %RSD | 184.6768 | 612.2242 | 106.9559 | 9.250775 | 217.5277 | 254.4172 | 5255.252 |
| #1 | .000212 | -.081567 | -.000268 | -.004798 | .2107556 | -.004796 | -.000042 |
| #2 | -.001778 | -.097548 | -.000493 | -.005587 | .0104073 | -.005898 | .000736 |
| #3 | -.000154 | .119766 | .000028 | -.004761 | -.038840 | .004178 | -.000654 |

| Elem | K_7698 | P_1774 | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2788393 | -.002152 | .0015991 | -.000456 | -.002133 | .0007377 | .0020586 |
| Stddev | .0901420 | .002269 | .0003123 | .000477 | .007131 | .0005383 | .0002321 |
| %RSD | 32.32760 | 105.4452 | 19.52861 | 104.6127 | 334.3585 | 72.97416 | 11.27374 |
| #1 | .1829915 | -.003922 | .0012388 | -.000973 | .005791 | .0001179 | .0018639 |
| #2 | .3619127 | .000406 | .0017678 | -.000360 | -.004153 | .0010071 | .0019964 |
| #3 | .2916137 | -.002941 | .0017908 | -.000034 | -.008036 | .0010881 | .0023154 |

Reviewed By:Mohan
On:11/7/2024 4:26:12 AM
Inst Id :P5

Sample Name: CCB006 Acquired: 10/31/2024 7:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v711) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

| Elem | Ti3361 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000652 | -.001052 | .0000066 |
| Stddev | .001283 | .000503 | .0000699 |
| %RSD | 196.6256 | 47.81555 | 1063.184 |
| | | | |
| #1 | -.001620 | -.000934 | -.000056 |
| #2 | .000803 | -.000619 | .000082 |
| #3 | -.001140 | -.001603 | -.000006 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 969.5120 | 22871.58 | 2644.406 | 829.3959 | 1860.510 |
| Stddev | 2.0589 | 137.77 | 6.462 | 4.7942 | 2.523 |
| %RSD | .2123695 | .6023696 | .2443672 | .5780362 | .1356321 |
| | | | | | |
| #1 | 970.3992 | 22750.15 | 2637.036 | 824.3270 | 1859.823 |
| #2 | 967.1582 | 23021.30 | 2647.082 | 833.8576 | 1858.402 |
| #3 | 970.9786 | 22843.29 | 2649.100 | 830.0030 | 1863.306 |