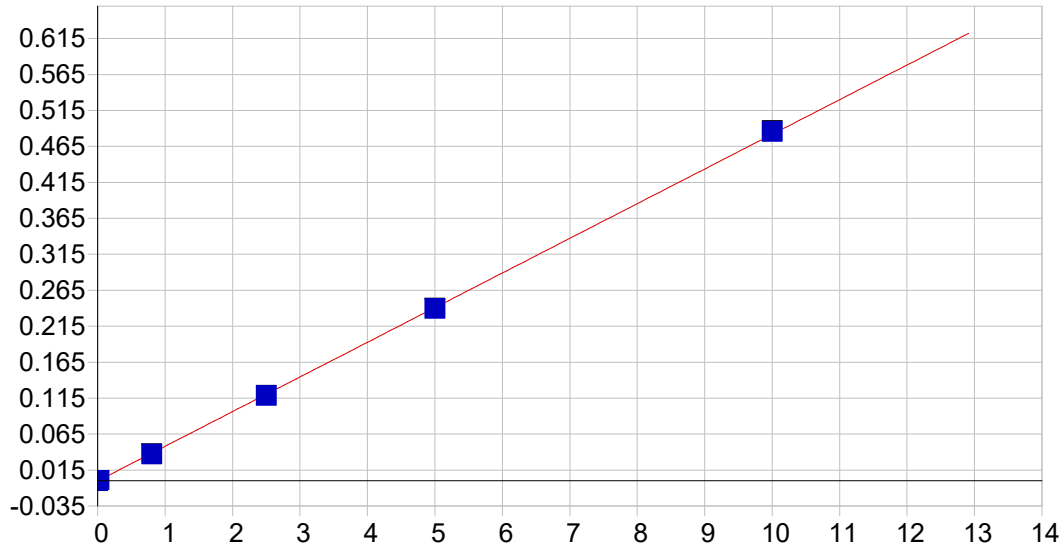
Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



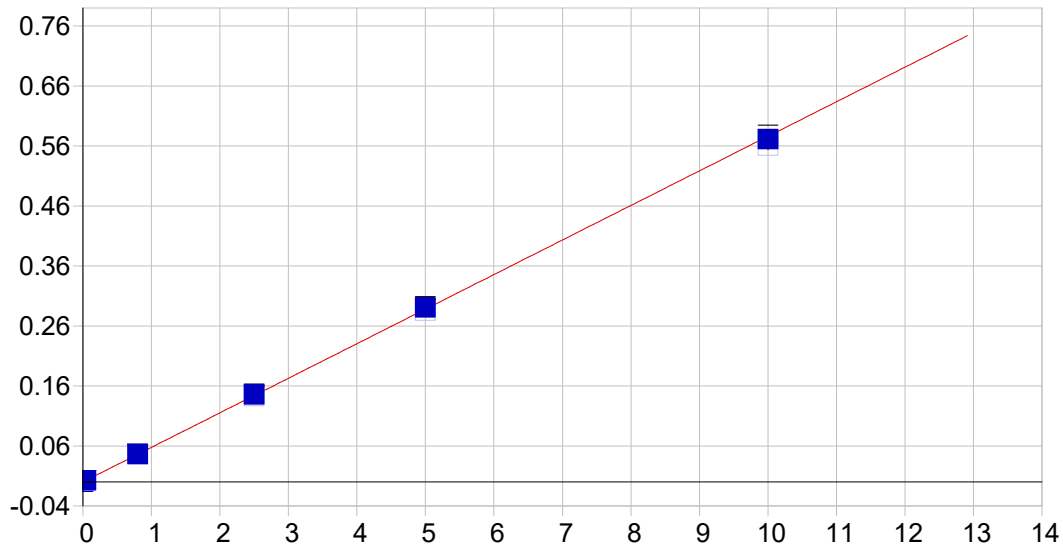

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000202 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.048194 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999926 | Status: | OK. |
| Std Error of Est: | 0.000014 | | |
| Predicted MDL: | 0.003056 | | |
| Predicted MQL: | 0.010185 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00020 | .000 | 1 |
| S1 | .02000 | .02387 | .004 | 19.4 | .00094 | .000 | 1 |
| S3 | 2.5000 | 2.4638 | -.036 | -1.45 | .11841 | .000 | 1 |
| S4 | 5.0000 | 4.9731 | -.027 | -.537 | .23922 | .001 | 1 |
| S5 | 10.000 | 10.082 | .082 | .817 | .48516 | .001 | 1 |
| S2 | .80000 | .77750 | -.022 | -2.81 | .03723 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



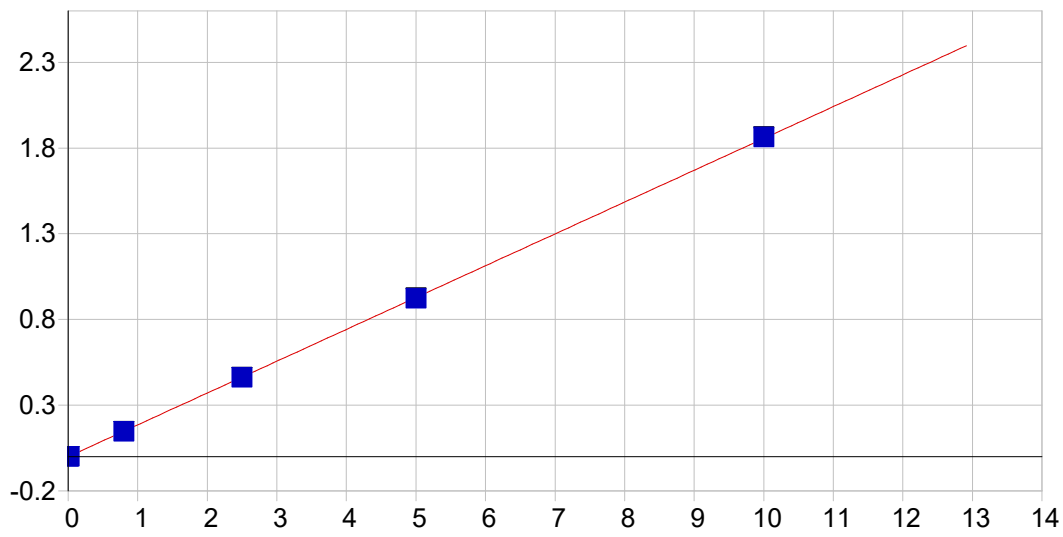

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000072 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.057613 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999949 | Status: | OK. |
| Std Error of Est: | 0.000019 | | |
| Predicted MDL: | 0.002115 | | |
| Predicted MQL: | 0.007050 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00007 | .000 | 1 |
| S1 | .04000 | .04322 | .003 | 8.06 | .00227 | .000 | 1 |
| S3 | 2.5000 | 2.5326 | .033 | 1.30 | .14319 | .001 | 1 |
| S4 | 5.0000 | 5.0451 | .045 | .902 | .28529 | .002 | 1 |
| S5 | 10.000 | 9.9156 | -.084 | -.844 | .56059 | .007 | 1 |
| S2 | .80000 | .80359 | .004 | .448 | .04538 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



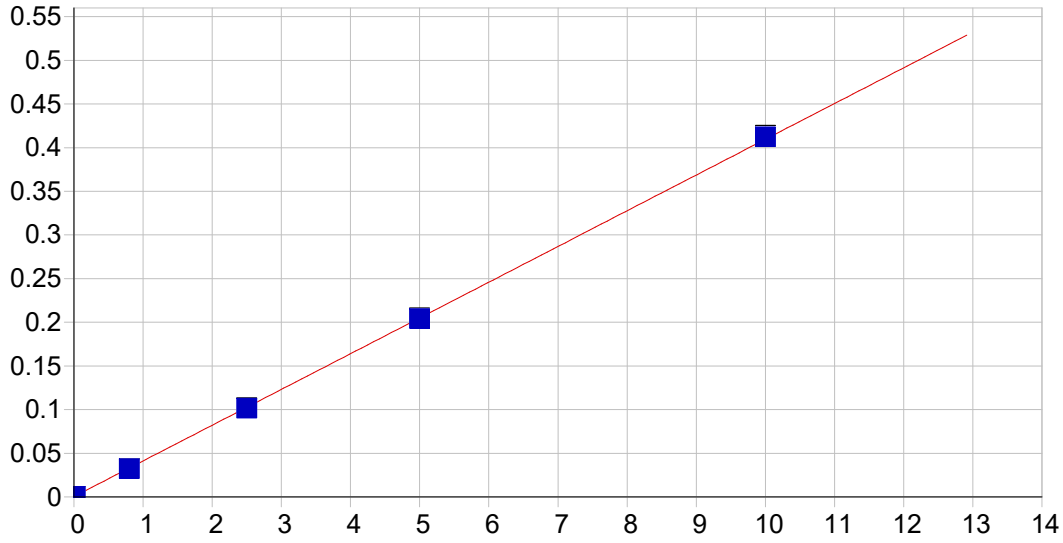

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000280 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.185627 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999982 | Status: | OK. |
| Std Error of Est: | 0.000020 | | |
| Predicted MDL: | 0.001586 | | |
| Predicted MQL: | 0.005286 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00028 | .000 | 1 |
| S1 | .01200 | .01009 | -.002 | -15.9 | .00155 | .000 | 1 |
| S3 | 2.5000 | 2.4891 | -.011 | -.434 | .46126 | .001 | 1 |
| S4 | 5.0000 | 4.9775 | -.023 | -.451 | .92265 | .002 | 1 |
| S5 | 10.000 | 10.041 | .041 | .411 | 1.8616 | .002 | 1 |
| S2 | .80000 | .79413 | -.006 | -.733 | .14697 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



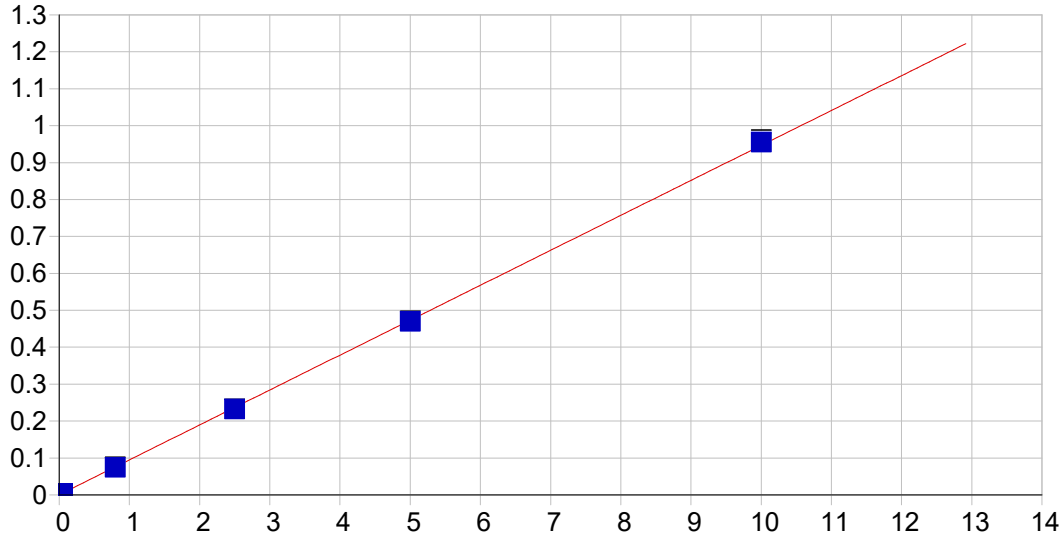

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000318 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.040927 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999953 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.003974 | | |
| Predicted MQL: | 0.013246 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00032 | .000 | 1 |
| S1 | .02000 | .01786 | -.002 | -10.7 | .00105 | .000 | 1 |
| S3 | 2.5000 | 2.4760 | -.024 | -.961 | .10161 | .000 | 1 |
| S4 | 5.0000 | 4.9806 | -.019 | -.389 | .20408 | .001 | 1 |
| S5 | 10.000 | 10.070 | .070 | .695 | .41228 | .002 | 1 |
| S2 | .80000 | .77610 | -.024 | -2.99 | .03207 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



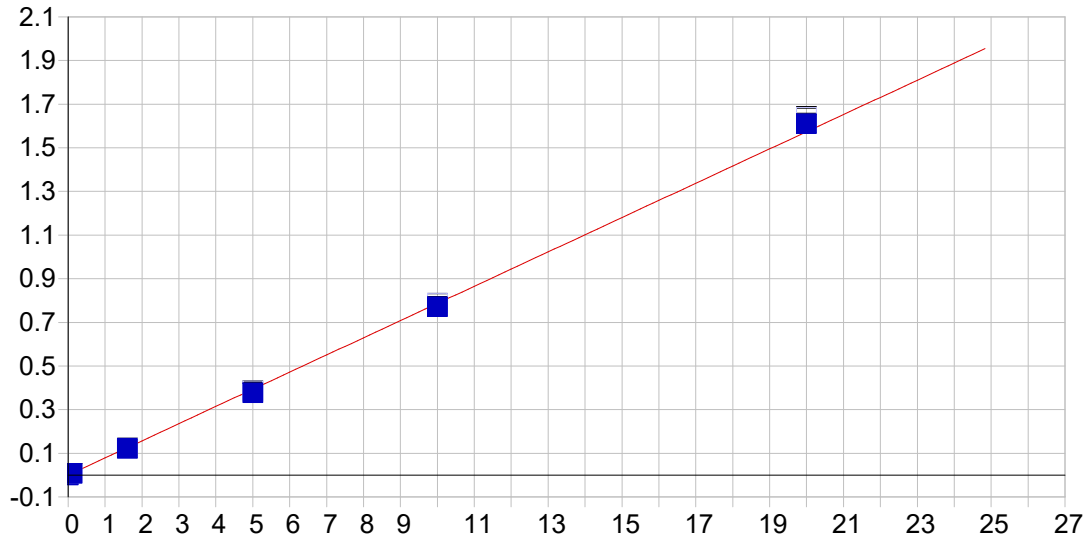

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000236 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.094612 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999928 | Status: | OK. |
| Std Error of Est: | 0.000042 | | |
| Predicted MDL: | 0.002572 | | |
| Predicted MQL: | 0.008574 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00024 | .000 | 1 |
| S1 | .05000 | .05426 | .004 | 8.52 | .00538 | .000 | 1 |
| S3 | 2.5000 | 2.4523 | -.048 | -1.91 | .23289 | .001 | 1 |
| S4 | 5.0000 | 4.9608 | -.039 | -.783 | .47087 | .000 | 1 |
| S5 | 10.000 | 10.095 | .095 | .950 | .95791 | .004 | 1 |
| S2 | .80000 | .78762 | -.012 | -1.55 | .07496 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



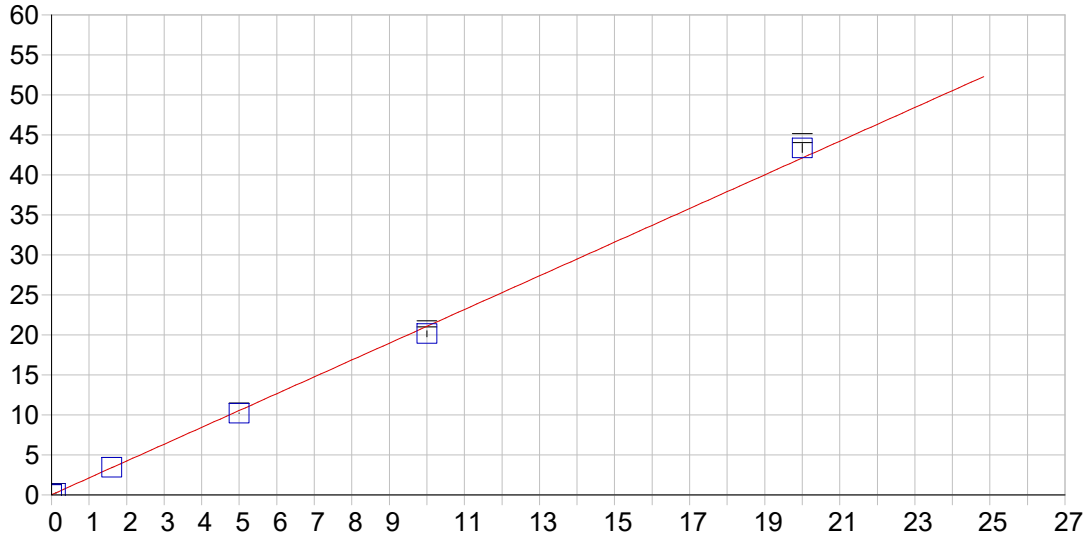

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000143 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.078693 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999679 | Status: | OK. |
| Std Error of Est: | 0.000151 | | |
| Predicted MDL: | 0.006320 | | |
| Predicted MQL: | 0.021068 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | -.00014 | .000 | 1 |
| S1 | .10000 | .09667 | -.003 | -3.33 | .00808 | .000 | 1 |
| S3 | 5.0000 | 4.7971 | -.203 | -4.06 | .38499 | .000 | 1 |
| S4 | 10.000 | 9.8067 | -.193 | -1.93 | .78685 | .001 | 1 |
| S5 | 20.000 | 20.456 | .456 | 2.28 | 1.6402 | .003 | 1 |
| S2 | 1.6000 | 1.5435 | -.056 | -3.53 | .12376 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



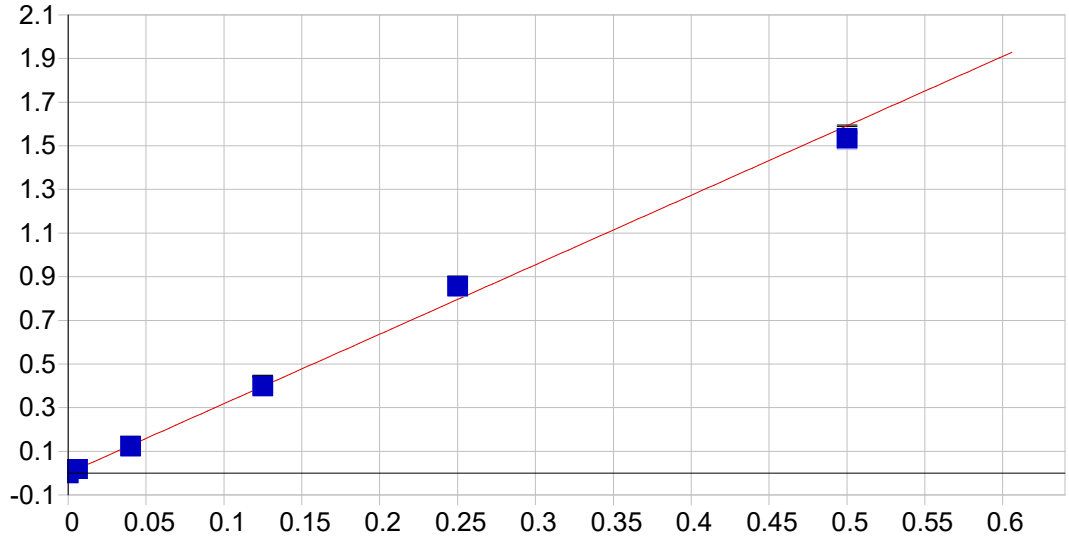

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.026285 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.104365 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999432 | Status: | OK. |
| Std Error of Est: | 0.005264 | | |
| Predicted MDL: | 0.001018 | | |
| Predicted MQL: | 0.003393 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .02630 | .002 | 1 |
| S1 | .10000 | .09732 | -.003 | -2.68 | .23107 | .002 | 1 |
| S3 | 5.0000 | 4.8369 | -.163 | -3.26 | 10.205 | .016 | 1 |
| S4 | 10.000 | 9.5639 | -.436 | -4.36 | 20.152 | .384 | 1 |
| S5 | 20.000 | 20.586 | .586 | 2.93 | 43.347 | .555 | 1 |
| S2 | 1.6000 | 1.6156 | .016 | .976 | 3.4261 | .003 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



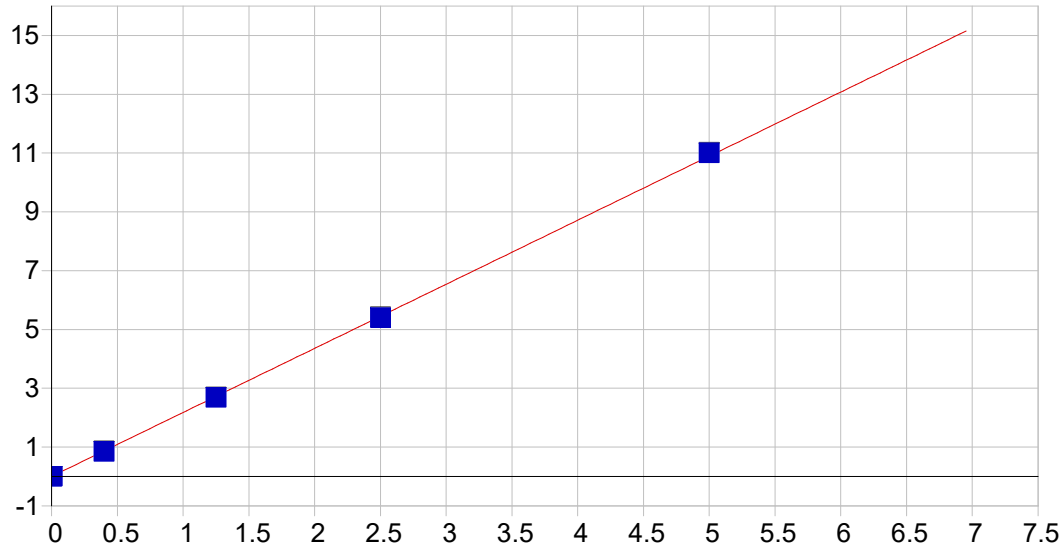

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000132 | Re-Slope: | 1.000000 |
| A1 (Gain): | 3.183422 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998813 | Status: | OK. |
| Std Error of Est: | 0.000445 | | |
| Predicted MDL: | 0.000062 | | |
| Predicted MQL: | 0.000208 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00013 | .000 | 1 |
| S1 | .00600 | .00604 | .000 | .685 | .01896 | .000 | 1 |
| S3 | .12500 | .12548 | .000 | .383 | .39754 | .003 | 1 |
| S4 | .25000 | .26908 | .019 | 7.63 | .85290 | .002 | 1 |
| S5 | .50000 | .48192 | -.018 | -3.62 | 1.5269 | .016 | 1 |
| S2 | .04000 | .03849 | -.002 | -3.79 | .12181 | .001 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



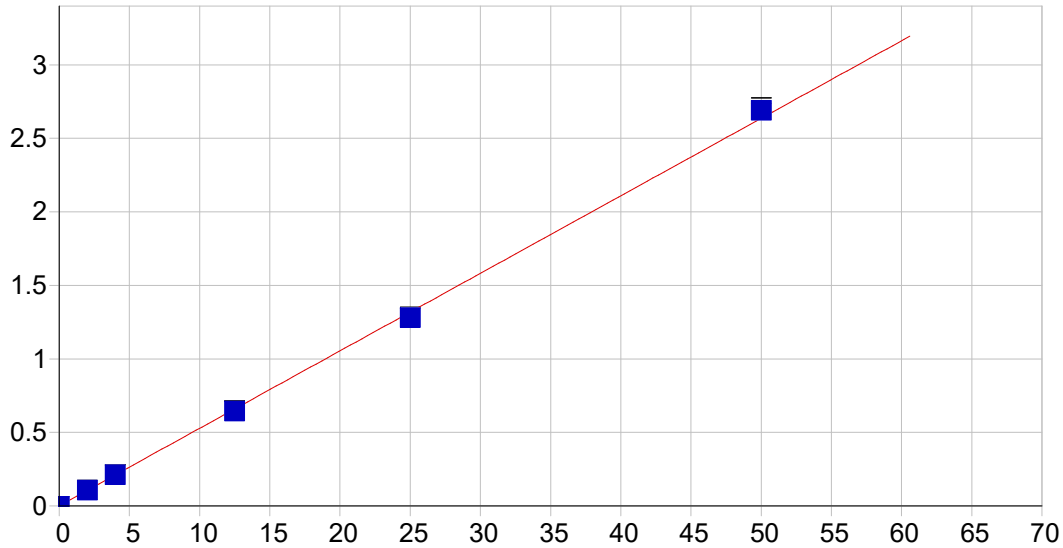

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000053 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.179277 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999943 | Status: | OK. |
| Std Error of Est: | 0.000211 | | |
| Predicted MDL: | 0.000092 | | |
| Predicted MQL: | 0.000308 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00005 | .000 | 1 |
| S1 | .00600 | .00613 | .000 | 2.10 | .01347 | .000 | 1 |
| S3 | 1.2500 | 1.2334 | -.017 | -1.33 | 2.6904 | .005 | 1 |
| S4 | 2.5000 | 2.4773 | -.023 | -.910 | 5.4035 | .019 | 1 |
| S5 | 5.0000 | 5.0473 | .047 | .947 | 11.009 | .016 | 1 |
| S2 | .40000 | .39187 | -.008 | -2.03 | .85481 | .002 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



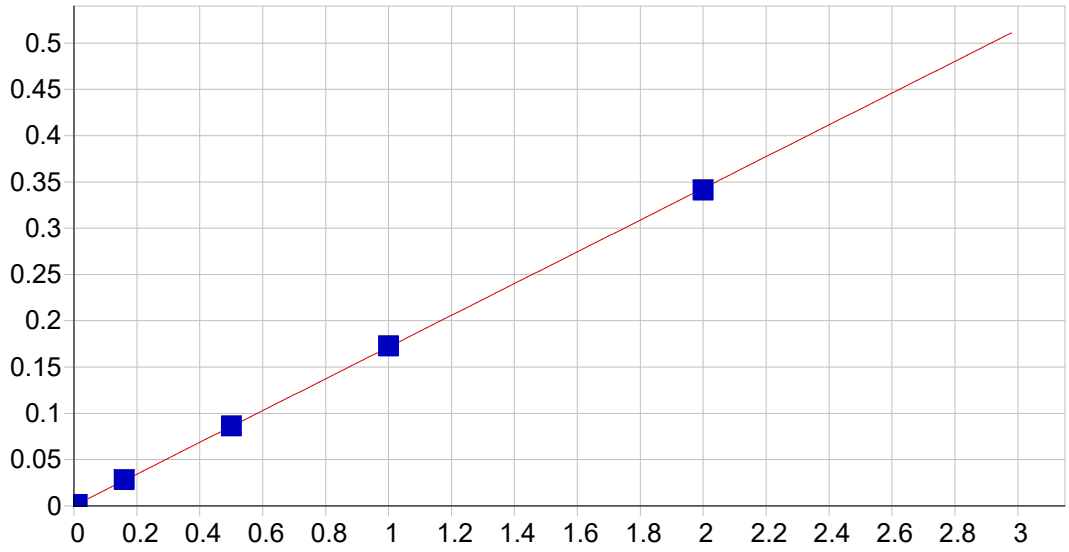

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000516 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.052718 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999739 | Status: | OK. |
| Std Error of Est: | 0.000637 | | |
| Predicted MDL: | 0.008534 | | |
| Predicted MQL: | 0.028447 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00006 | .000 | .000 | .00052 | .000 | 1 |
| S2 | 4.0000 | 4.0120 | .012 | .300 | .21202 | .000 | 1 |
| S3 | 12.500 | 12.229 | -.271 | -2.17 | .64518 | .002 | 1 |
| S4 | 25.000 | 24.253 | -.747 | -2.99 | 1.2791 | .004 | 1 |
| S5 | 50.000 | 51.013 | 1.01 | 2.03 | 2.6898 | .018 | 1 |
| S1 | 2.0000 | 1.9931 | -.007 | -.343 | .10559 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



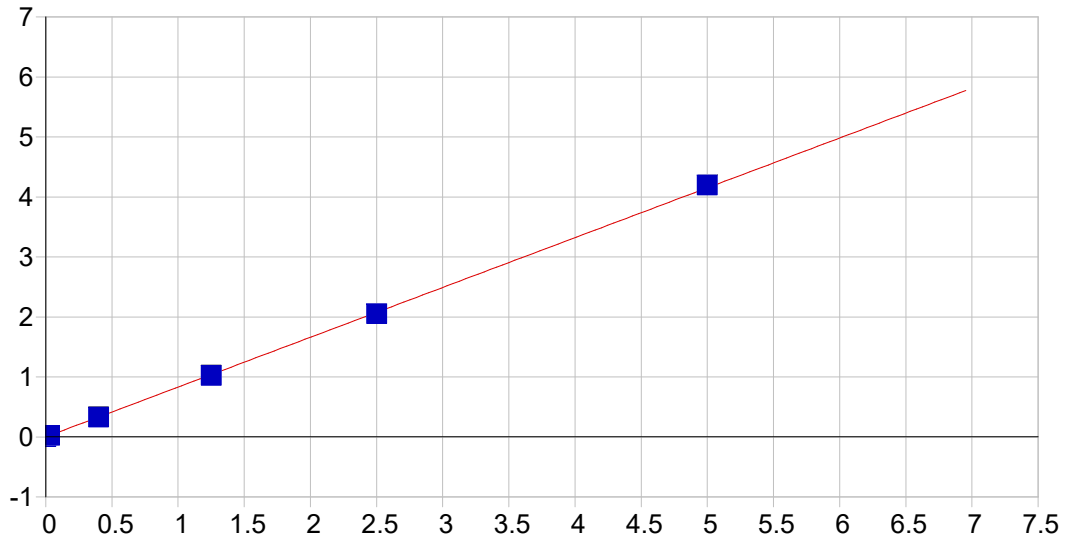

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000100 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.171487 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999966 | Status: | OK. |
| Std Error of Est: | 0.000011 | | |
| Predicted MDL: | 0.000393 | | |
| Predicted MQL: | 0.001310 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00010 | .000 | 1 |
| S1 | .01000 | .00971 | -.000 | -2.90 | .00177 | .000 | 1 |
| S3 | .50000 | .50229 | .002 | .458 | .08626 | .000 | 1 |
| S4 | 1.0000 | 1.0058 | .006 | .576 | .17263 | .000 | 1 |
| S5 | 2.0000 | 1.9878 | -.012 | -.611 | .34108 | .001 | 1 |
| S2 | .16000 | .16447 | .004 | 2.80 | .02831 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



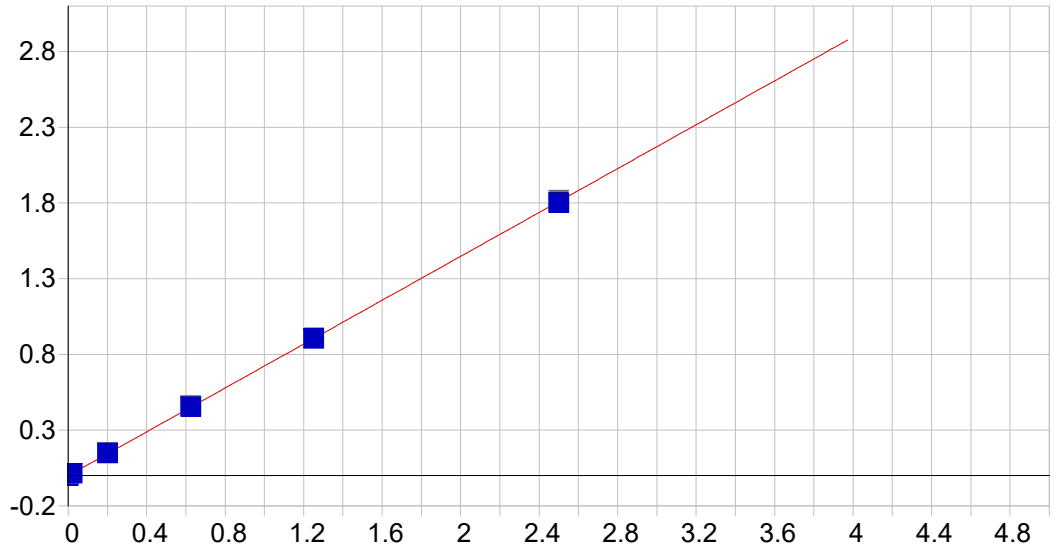

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000061 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.830255 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999931 | Status: | OK. |
| Std Error of Est: | 0.000199 | | |
| Predicted MDL: | 0.000255 | | |
| Predicted MQL: | 0.000850 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00006 | .000 | 1 |
| S1 | .03000 | .02949 | -.001 | -1.70 | .02444 | .000 | 1 |
| S3 | 1.2500 | 1.2329 | -.017 | -1.37 | 1.0254 | .001 | 1 |
| S4 | 2.5000 | 2.4699 | -.030 | -1.21 | 2.0542 | .004 | 1 |
| S5 | 5.0000 | 5.0538 | .054 | 1.08 | 4.2031 | .005 | 1 |
| S2 | .40000 | .39393 | -.006 | -1.52 | .32769 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



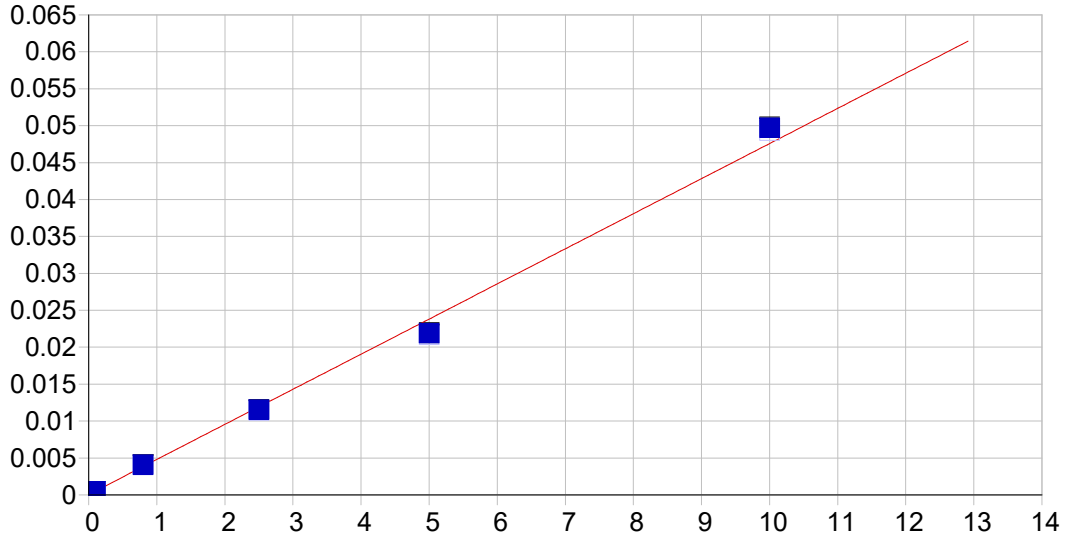

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000707 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.724108 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999940 | Status: | OK. |
| Std Error of Est: | 0.000093 | | |
| Predicted MDL: | 0.000424 | | |
| Predicted MQL: | 0.001413 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00071 | .000 | 1 |
| S1 | .02000 | .02243 | .002 | 12.2 | .01568 | .000 | 1 |
| S3 | .62500 | .63045 | .005 | .872 | .45902 | .001 | 1 |
| S4 | 1.2500 | 1.2498 | -.000 | -.019 | .91067 | .001 | 1 |
| S5 | 2.5000 | 2.4870 | -.013 | -.520 | 1.8130 | .004 | 1 |
| S2 | .20000 | .20536 | .005 | 2.68 | .14902 | .001 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



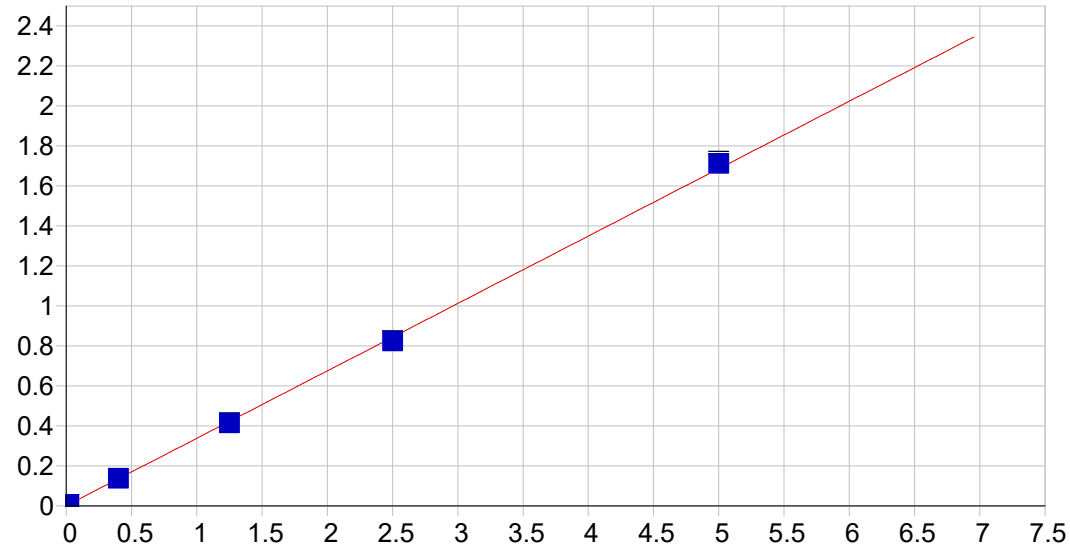

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000041 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004754 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998368 | Status: | OK. |
| Std Error of Est: | 0.000014 | | |
| Predicted MDL: | 0.004779 | | |
| Predicted MQL: | 0.015930 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00004 | .000 | 1 |
| S1 | .10000 | .09654 | -.003 | -3.46 | .00049 | .000 | 1 |
| S3 | 2.5000 | 2.4123 | -.088 | -3.51 | .01141 | .000 | 1 |
| S4 | 5.0000 | 4.5940 | -.406 | -8.12 | .02168 | .000 | 1 |
| S5 | 10.000 | 10.450 | .450 | 4.50 | .04932 | .000 | 1 |
| S2 | .80000 | .84684 | .047 | 5.86 | .00403 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



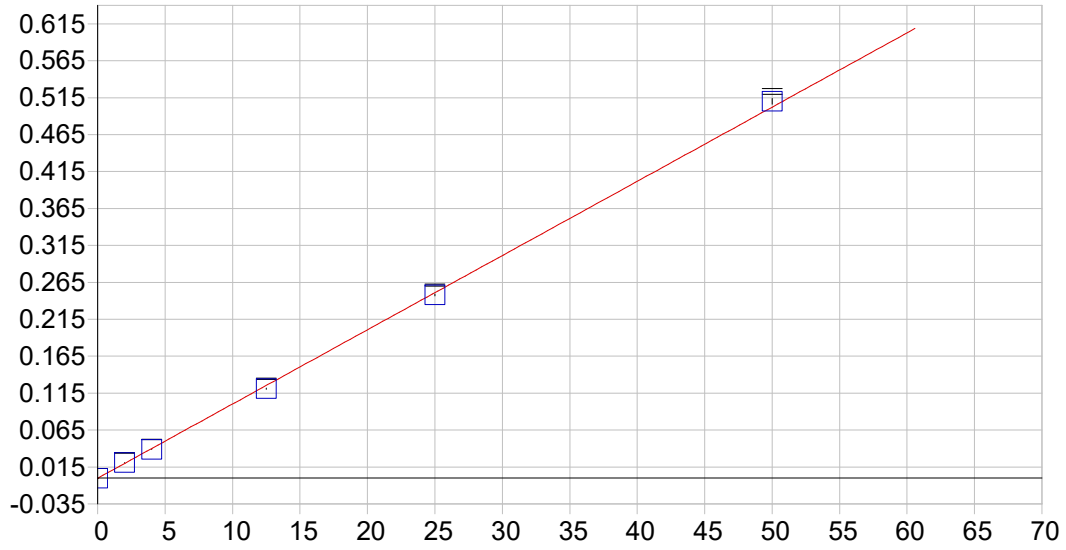

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000884 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.337187 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999827 | Status: | OK. |
| Std Error of Est: | 0.000104 | | |
| Predicted MDL: | 0.000471 | | |
| Predicted MQL: | 0.001571 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00088 | .000 | 1 |
| S1 | .02000 | .02151 | .002 | 7.54 | .00814 | .000 | 1 |
| S3 | 1.2500 | 1.2257 | -.024 | -1.94 | .41426 | .002 | 1 |
| S4 | 2.5000 | 2.4417 | -.058 | -2.33 | .82435 | .004 | 1 |
| S5 | 5.0000 | 5.0768 | .077 | 1.54 | 1.7130 | .011 | 1 |
| S2 | .40000 | .40433 | .004 | 1.08 | .13725 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



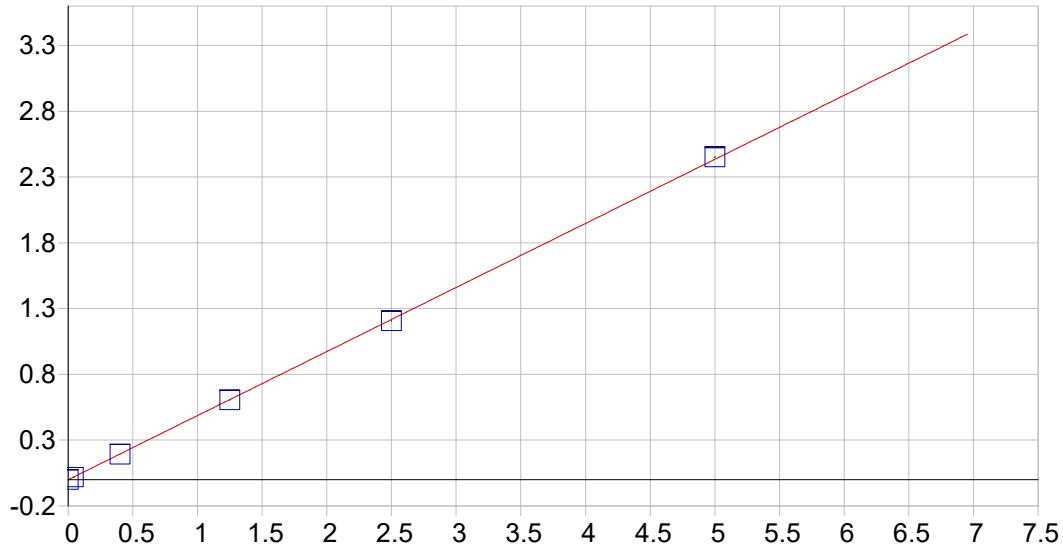

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000275 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.010050 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999791 | Status: | OK. |
| Std Error of Est: | 0.000109 | | |
| Predicted MDL: | 0.017684 | | |
| Predicted MQL: | 0.058947 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00003 | .000 | .000 | -.00027 | .000 | 1 |
| S2 | 4.0000 | 3.8932 | -.107 | -2.67 | .03885 | .000 | 1 |
| S3 | 12.500 | 12.053 | -.447 | -3.57 | .12086 | .001 | 1 |
| S4 | 25.000 | 24.686 | -.314 | -1.25 | .24783 | .001 | 1 |
| S5 | 50.000 | 50.775 | .775 | 1.55 | .51002 | .004 | 1 |
| S1 | 2.0000 | 2.0926 | .093 | 4.63 | .02076 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



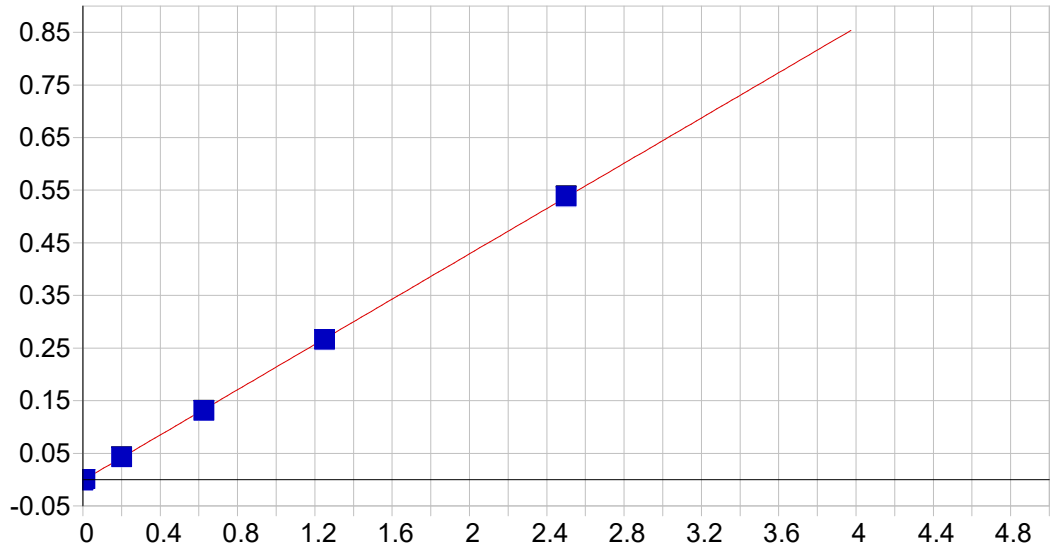

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000303 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.486980 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999970 | Status: | OK. |
| Std Error of Est: | 0.000089 | | |
| Predicted MDL: | 0.000376 | | |
| Predicted MQL: | 0.001254 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00030 | .000 | 1 |
| S1 | .04000 | .03915 | -.001 | -2.11 | .01876 | .000 | 1 |
| S3 | 1.2500 | 1.2424 | -.008 | -.610 | .60471 | .001 | 1 |
| S4 | 2.5000 | 2.4771 | -.023 | -.916 | 1.2060 | .003 | 1 |
| S5 | 5.0000 | 5.0350 | .035 | .700 | 2.4516 | .004 | 1 |
| S2 | .40000 | .39638 | -.004 | -.905 | .19273 | .001 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



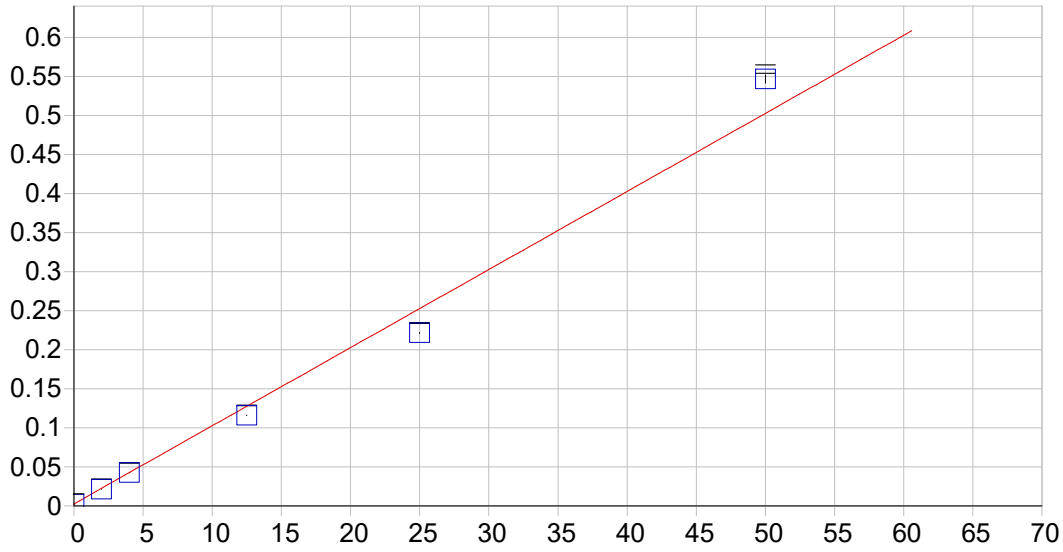

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001342 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.215193 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999964 | Status: | OK. |
| Std Error of Est: | 0.000015 | | |
| Predicted MDL: | 0.000408 | | |
| Predicted MQL: | 0.001360 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00134 | .000 | 1 |
| S1 | .01000 | .01026 | .000 | 2.63 | .00085 | .000 | 1 |
| S3 | .62500 | .61670 | -.008 | -1.33 | .13083 | .000 | 1 |
| S4 | 1.2500 | 1.2431 | -.007 | -.551 | .26510 | .000 | 1 |
| S5 | 2.5000 | 2.5098 | .010 | .391 | .53661 | .001 | 1 |
| S2 | .20000 | .20515 | .005 | 2.58 | .04263 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



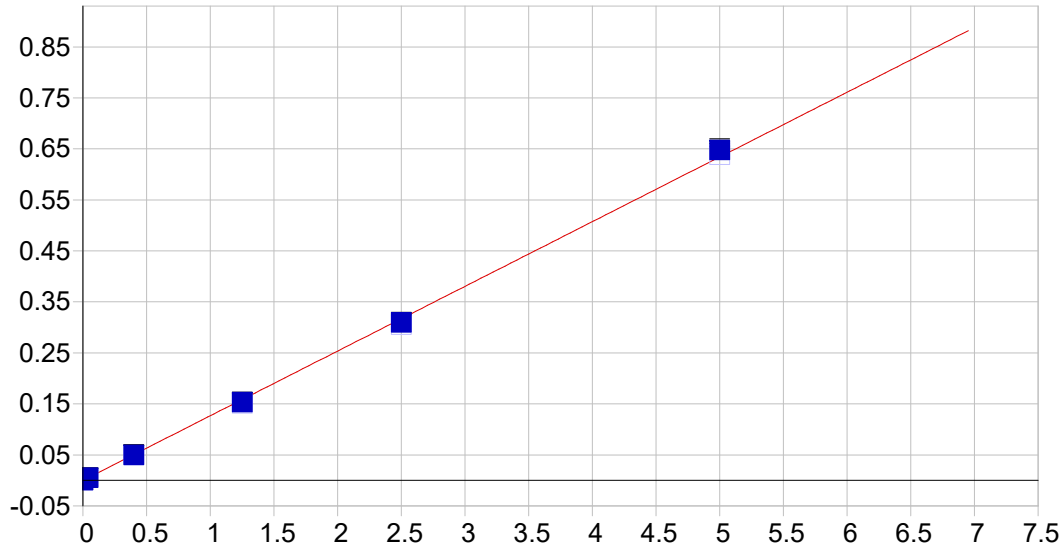

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002642 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.009999 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.995280 | Status: | OK. |
| Std Error of Est: | 0.000516 | | |
| Predicted MDL: | 0.018614 | | |
| Predicted MQL: | 0.062045 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00039 | .000 | .000 | .00265 | .000 | 1 |
| S2 | 4.0000 | 3.9779 | -.022 | -.552 | .04242 | .000 | 1 |
| S3 | 12.500 | 11.339 | -1.16 | -9.29 | .11603 | .001 | 1 |
| S4 | 25.000 | 21.895 | -3.11 | -12.4 | .22157 | .001 | 1 |
| S5 | 50.000 | 54.405 | 4.40 | 8.81 | .54664 | .005 | 1 |
| S1 | 2.0000 | 1.8833 | -.117 | -5.84 | .02147 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



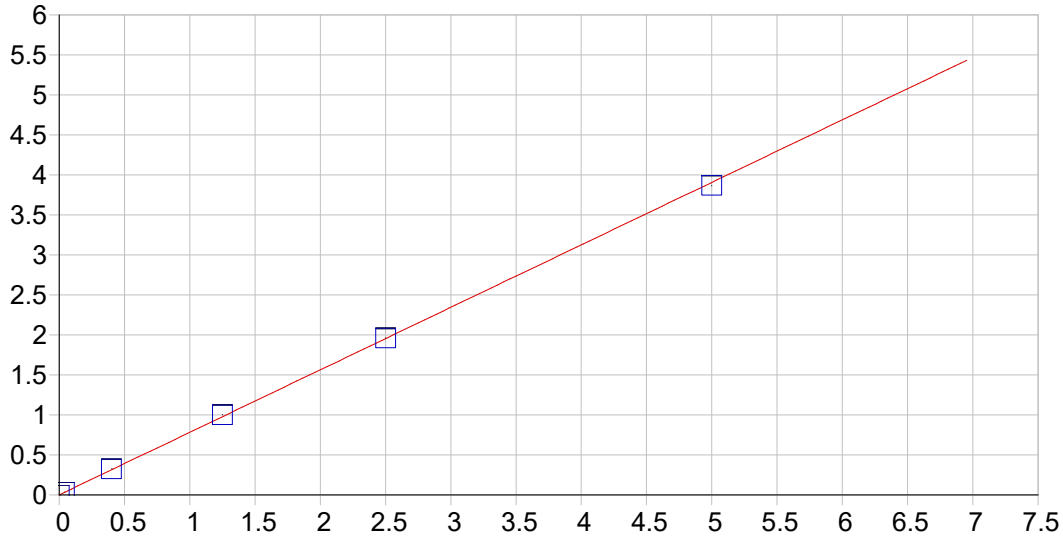

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000109 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.126854 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999722 | Status: | OK. |
| Std Error of Est: | 0.000069 | | |
| Predicted MDL: | 0.001647 | | |
| Predicted MQL: | 0.005491 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00011 | .000 | 1 |
| S1 | .04000 | .03989 | -.000 | -.273 | .00476 | .000 | 1 |
| S3 | 1.2500 | 1.2091 | -.041 | -3.27 | .15096 | .000 | 1 |
| S4 | 2.5000 | 2.4420 | -.058 | -2.32 | .30504 | .001 | 1 |
| S5 | 5.0000 | 5.1047 | .105 | 2.09 | .63819 | .003 | 1 |
| S2 | .40000 | .39431 | -.006 | -1.42 | .04917 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



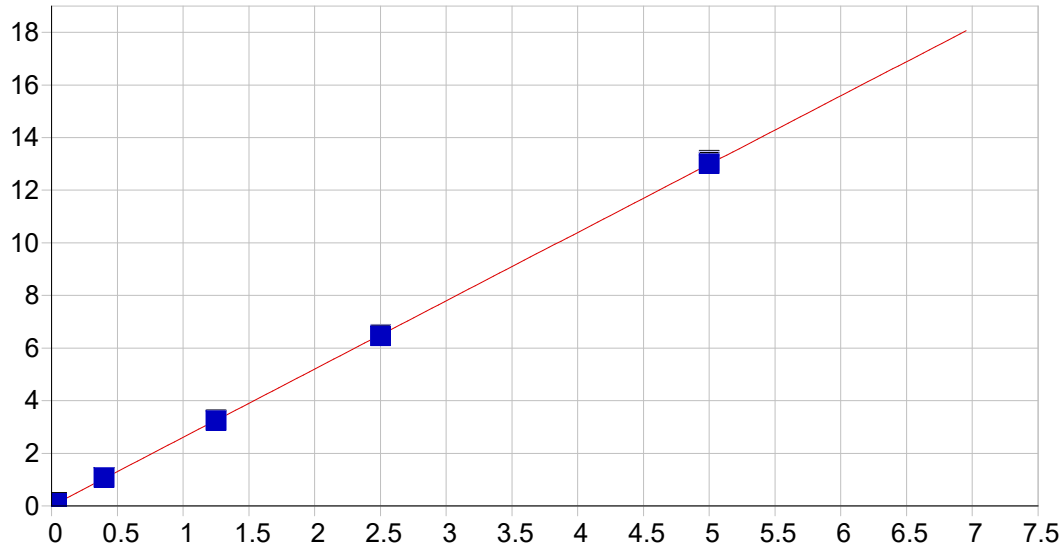

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001068 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.781147 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999895 | Status: | OK. |
| Std Error of Est: | 0.000266 | | |
| Predicted MDL: | 0.000240 | | |
| Predicted MQL: | 0.000799 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00107 | .000 | 1 |
| S1 | .04000 | .04233 | .002 | 5.83 | .03414 | .000 | 1 |
| S3 | 1.2500 | 1.2799 | .030 | 2.39 | 1.0009 | .002 | 1 |
| S4 | 2.5000 | 2.5053 | .005 | .213 | 1.9581 | .008 | 1 |
| S5 | 5.0000 | 4.9479 | -.052 | -1.04 | 3.8661 | .003 | 1 |
| S2 | .40000 | .41451 | .015 | 3.63 | .32486 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



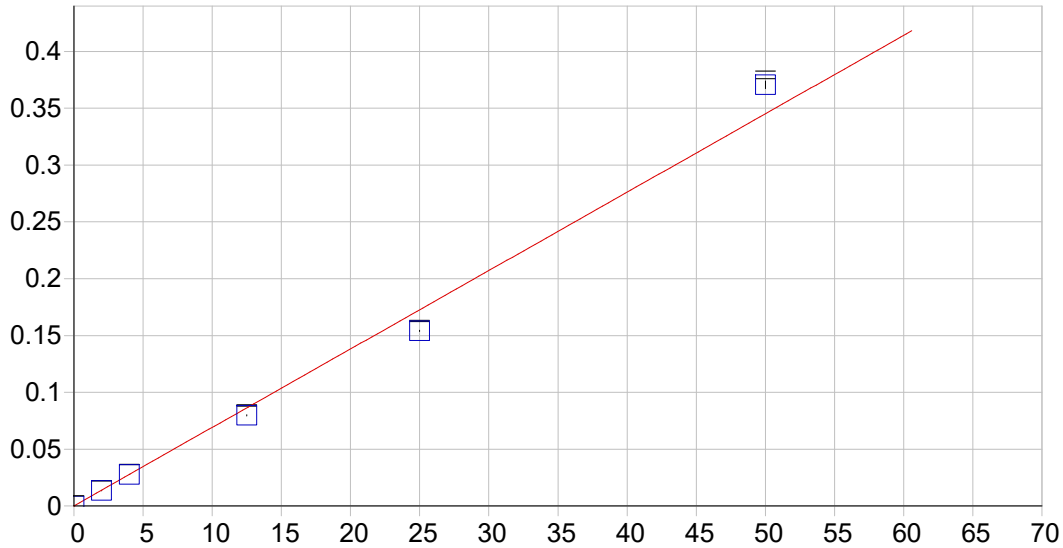

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.005668 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.597141 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999973 | Status: | OK. |
| Std Error of Est: | 0.000453 | | |
| Predicted MDL: | 0.000350 | | |
| Predicted MQL: | 0.001165 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00566 | .001 | 1 |
| S1 | .04000 | .04188 | .002 | 4.69 | .11516 | .002 | 1 |
| S3 | 1.2500 | 1.2447 | -.005 | -.425 | 3.2609 | .011 | 1 |
| S4 | 2.5000 | 2.4868 | -.013 | -.528 | 6.5094 | .015 | 1 |
| S5 | 5.0000 | 5.0053 | .005 | .106 | 13.095 | .046 | 1 |
| S2 | .40000 | .41133 | .011 | 2.83 | 1.0812 | .005 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



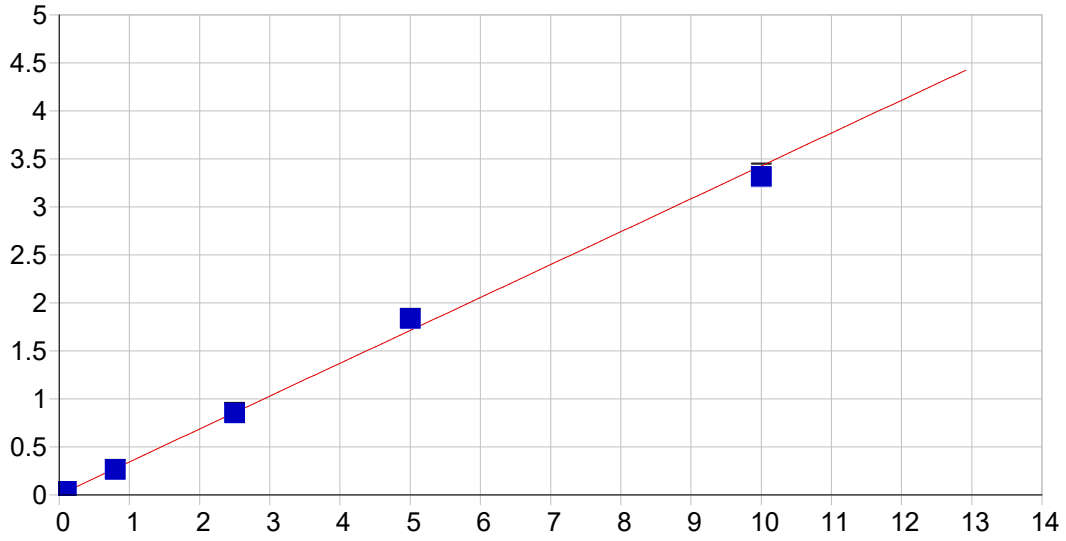

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000116 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.006901 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.996612 | Status: | OK. |
| Std Error of Est: | 0.000301 | | |
| Predicted MDL: | 0.029480 | | |
| Predicted MQL: | 0.098268 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00028 | .000 | .000 | .00012 | .000 | 1 |
| S2 | 4.0000 | 4.0028 | .003 | .069 | .02774 | .000 | 1 |
| S3 | 12.500 | 11.552 | -.948 | -7.58 | .07983 | .001 | 1 |
| S4 | 25.000 | 22.312 | -2.69 | -10.8 | .15409 | .000 | 1 |
| S5 | 50.000 | 53.698 | 3.70 | 7.40 | .37068 | .003 | 1 |
| S1 | 2.0000 | 1.9350 | -.065 | -3.25 | .01347 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



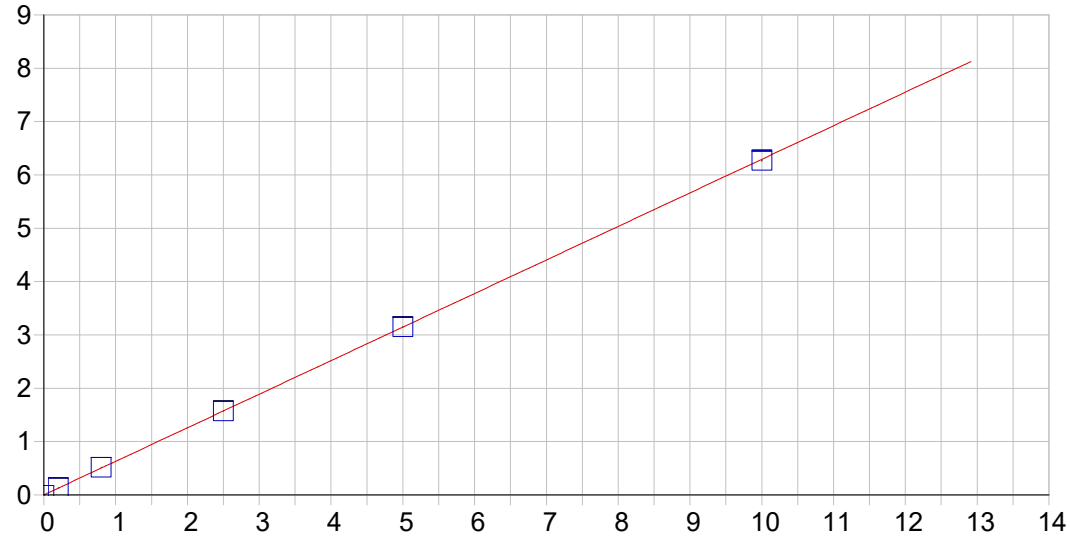

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001520 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.342479 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.998957 | Status: | OK. |
| Std Error of Est: | 0.000819 | | |
| Predicted MDL: | 0.000724 | | |
| Predicted MQL: | 0.002413 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00152 | .000 | 1 |
| S1 | .10000 | .10429 | .004 | 4.29 | .03706 | .000 | 1 |
| S3 | 2.5000 | 2.4885 | -.012 | -.462 | .85123 | .007 | 1 |
| S4 | 5.0000 | 5.3617 | .362 | 7.23 | 1.8327 | .001 | 1 |
| S5 | 10.000 | 9.6825 | -.318 | -3.18 | 3.3074 | .037 | 1 |
| S2 | .80000 | .76305 | -.037 | -4.62 | .26204 | .003 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



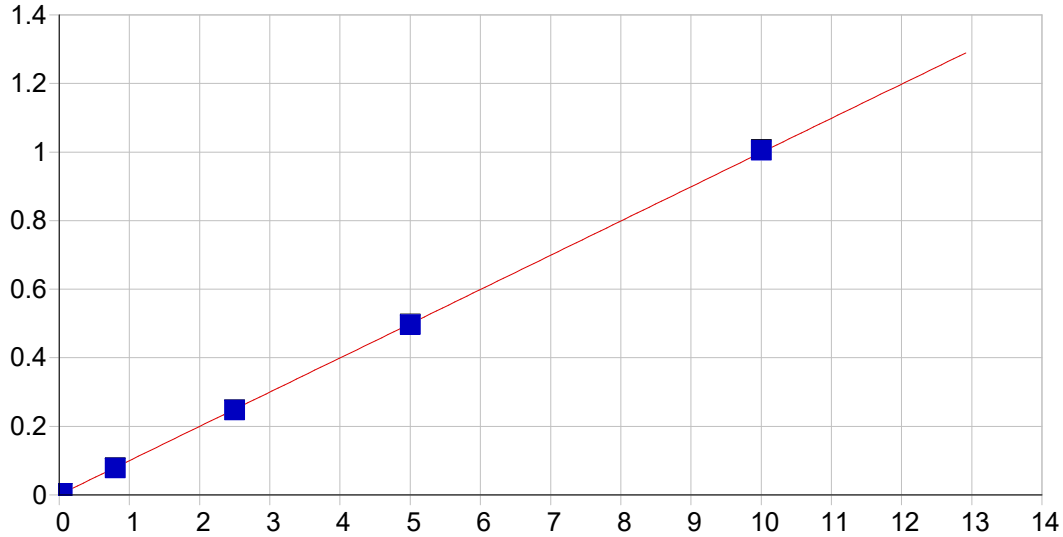

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000321 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.629285 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999970 | Status: | OK. |
| Std Error of Est: | 0.000363 | | |
| Predicted MDL: | 0.000311 | | |
| Predicted MQL: | 0.001038 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | .00031 | .000 | 1 |
| S1 | .20000 | .21162 | .012 | 5.81 | .13349 | .001 | 1 |
| S3 | 2.5000 | 2.4999 | -.000 | -.005 | 1.5735 | .003 | 1 |
| S4 | 5.0000 | 5.0077 | .008 | .154 | 3.1516 | .006 | 1 |
| S5 | 10.000 | 9.9653 | -.035 | -.347 | 6.2713 | .013 | 1 |
| S2 | .80000 | .81549 | .015 | 1.94 | .51350 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



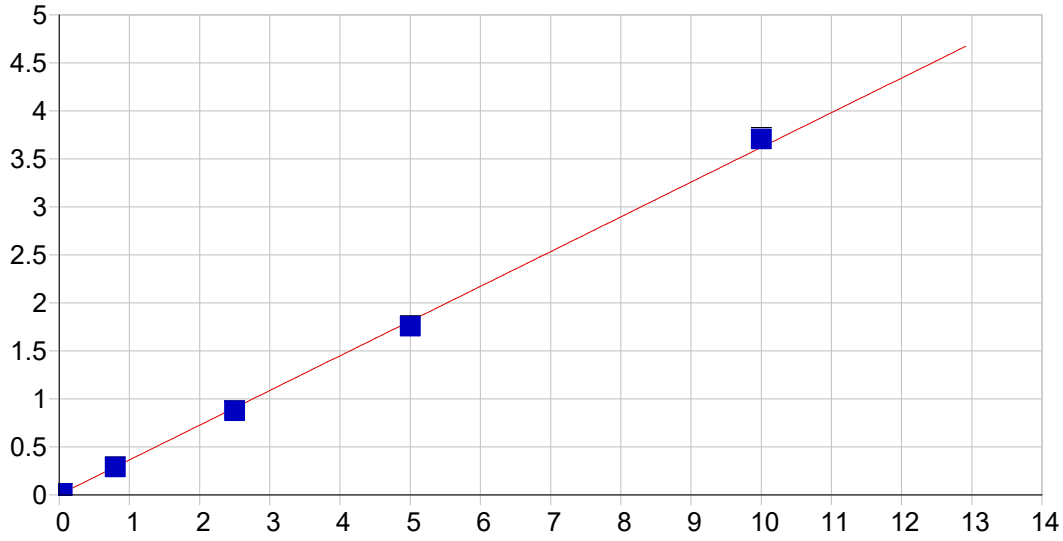

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000173 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.099825 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999964 | Status: | OK. |
| Std Error of Est: | 0.000028 | | |
| Predicted MDL: | 0.000940 | | |
| Predicted MQL: | 0.003134 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00017 | .000 | 1 |
| S1 | .04000 | .04080 | .001 | 2.00 | .00424 | .000 | 1 |
| S3 | 2.5000 | 2.4780 | -.022 | -.881 | .24728 | .000 | 1 |
| S4 | 5.0000 | 4.9738 | -.026 | -.525 | .49617 | .002 | 1 |
| S5 | 10.000 | 10.068 | .068 | .677 | 1.0042 | .002 | 1 |
| S2 | .80000 | .77972 | -.020 | -2.54 | .07793 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



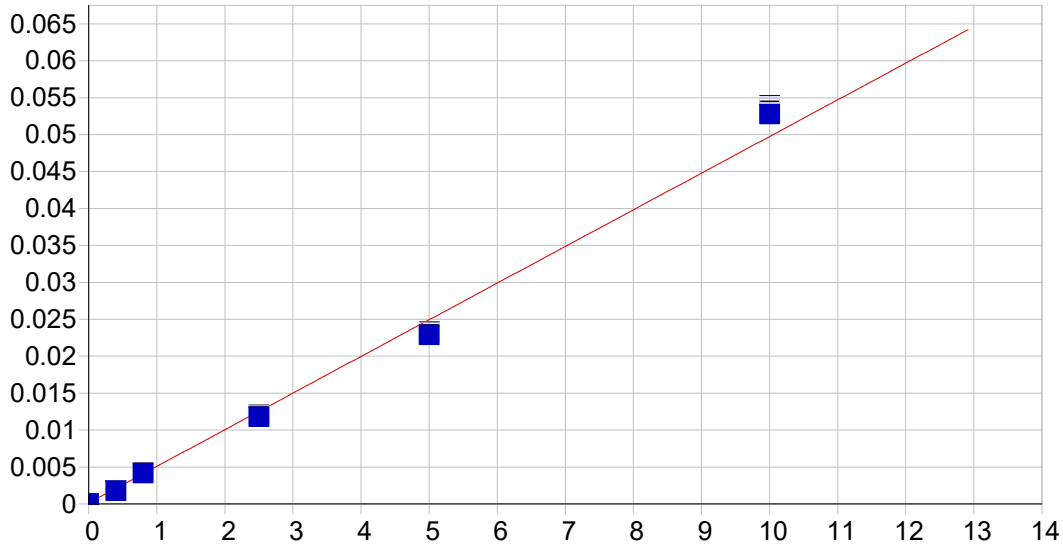

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002450 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.361690 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999632 | Status: | OK. |
| Std Error of Est: | 0.000325 | | |
| Predicted MDL: | 0.000774 | | |
| Predicted MQL: | 0.002582 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00245 | .000 | 1 |
| S1 | .04000 | .03993 | -.000 | -.172 | .01688 | .000 | 1 |
| S3 | 2.5000 | 2.4131 | -.087 | -3.48 | .87492 | .001 | 1 |
| S4 | 5.0000 | 4.8503 | -.150 | -2.99 | 1.7561 | .005 | 1 |
| S5 | 10.000 | 10.243 | .243 | 2.43 | 3.7061 | .016 | 1 |
| S2 | .80000 | .79331 | -.007 | -.836 | .28928 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



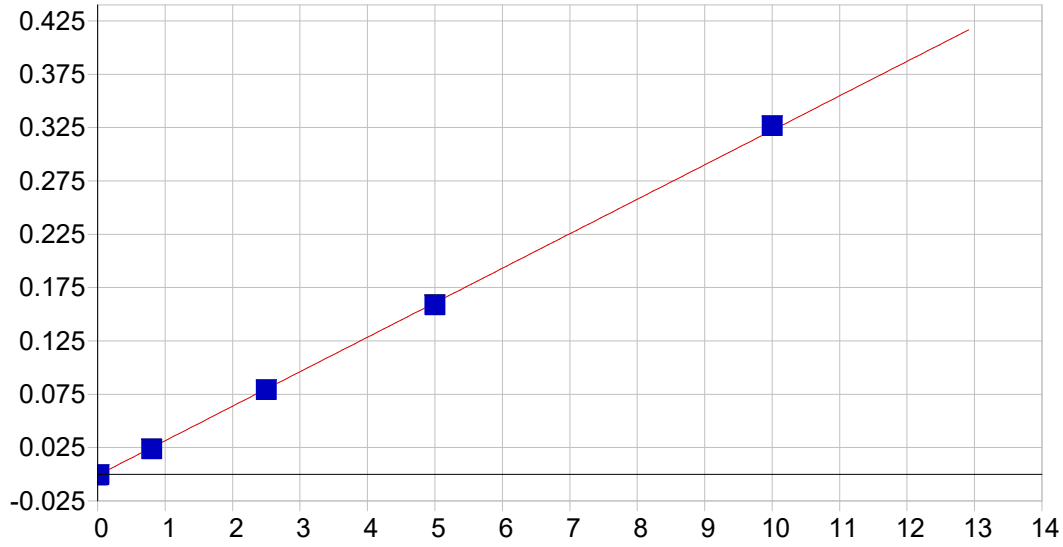

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000116 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004963 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.997636 | Status: | OK. |
| Std Error of Est: | 0.000037 | | |
| Predicted MDL: | 0.007692 | | |
| Predicted MQL: | 0.025639 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00009 | .000 | .000 | .00012 | .000 | 1 |
| S1 | .40000 | .33267 | -.067 | -16.8 | .00177 | .000 | 1 |
| S3 | 2.5000 | 2.3524 | -.148 | -5.90 | .01198 | .000 | 1 |
| S4 | 5.0000 | 4.5899 | -.410 | -8.20 | .02327 | .000 | 1 |
| S5 | 10.000 | 10.612 | .612 | 6.12 | .05353 | .000 | 1 |
| S2 | .80000 | .81212 | .012 | 1.51 | .00421 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



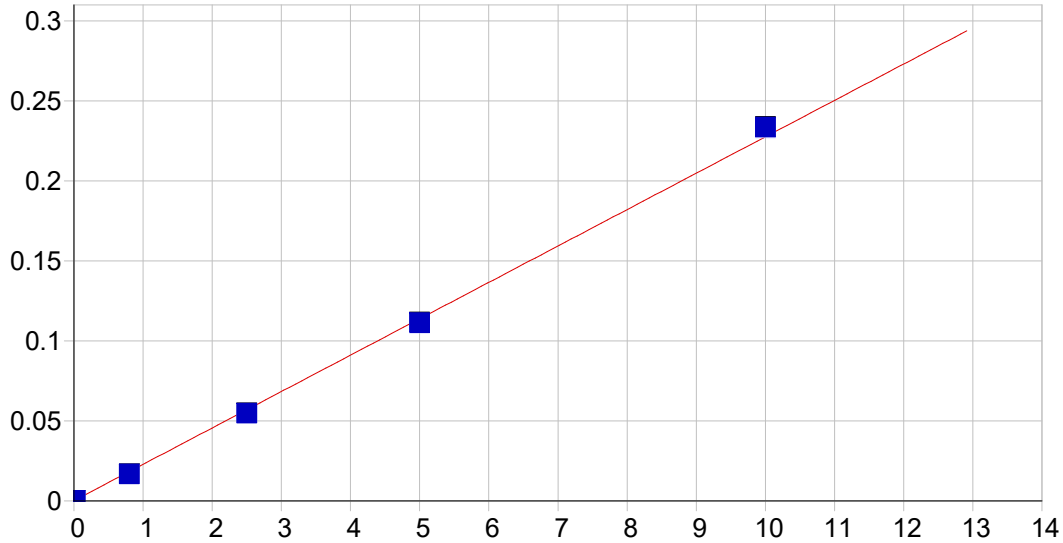

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000890 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.032330 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999858 | Status: | OK. |
| Std Error of Est: | 0.000013 | | |
| Predicted MDL: | 0.003105 | | |
| Predicted MQL: | 0.010350 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00089 | .000 | 1 |
| S1 | .02000 | .01926 | -.001 | -3.70 | -.00027 | .000 | 1 |
| S3 | 2.5000 | 2.4776 | -.022 | -.894 | .07920 | .000 | 1 |
| S4 | 5.0000 | 4.9373 | -.063 | -1.25 | .15871 | .000 | 1 |
| S5 | 10.000 | 10.130 | .130 | 1.30 | .32658 | .000 | 1 |
| S2 | .80000 | .75546 | -.045 | -5.57 | .02353 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



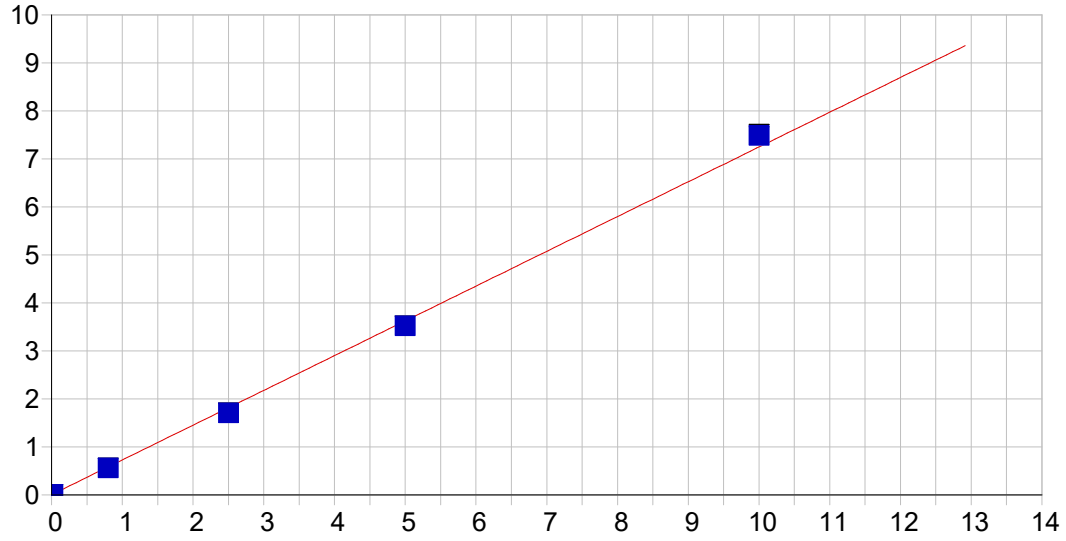

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000123 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.022743 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999490 | Status: | OK. |
| Std Error of Est: | 0.000017 | | |
| Predicted MDL: | 0.003911 | | |
| Predicted MQL: | 0.013038 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00012 | .000 | 1 |
| S1 | .02000 | .02251 | .003 | 12.6 | .00062 | .000 | 1 |
| S3 | 2.5000 | 2.4076 | -.092 | -3.70 | .05473 | .000 | 1 |
| S4 | 5.0000 | 4.8905 | -.110 | -2.19 | .11105 | .000 | 1 |
| S5 | 10.000 | 10.265 | .265 | 2.65 | .23299 | .000 | 1 |
| S2 | .80000 | .73419 | -.066 | -8.23 | .01677 | .000 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



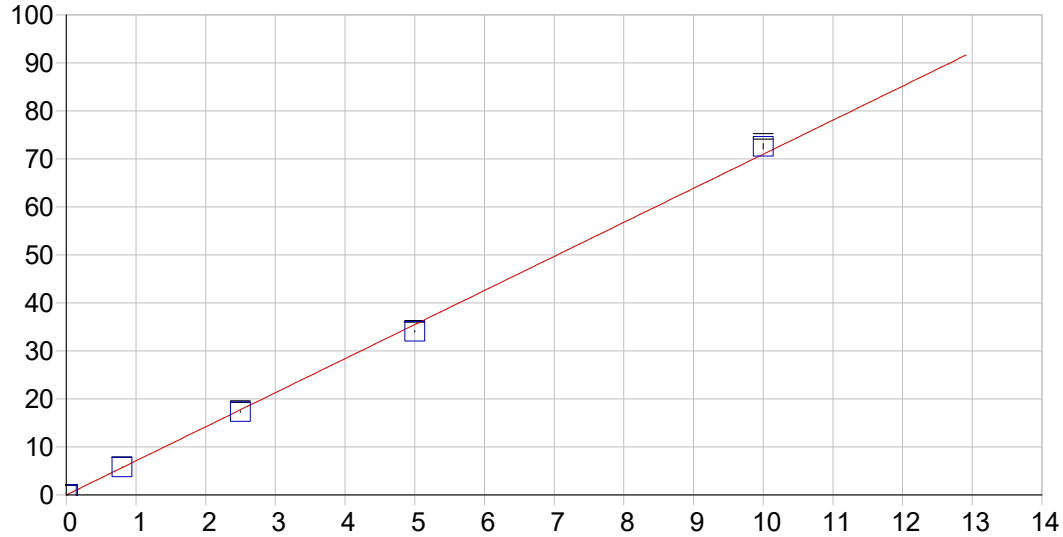

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004215 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.724353 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999307 | Status: | OK. |
| Std Error of Est: | 0.000632 | | |
| Predicted MDL: | 0.001204 | | |
| Predicted MQL: | 0.004015 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00422 | .001 | 1 |
| S5 | 10.000 | 10.329 | .329 | 3.29 | 7.4900 | .026 | 1 |
| S4 | 5.0000 | 4.8547 | -.145 | -2.91 | 3.5225 | .007 | 1 |
| S3 | 2.5000 | 2.3520 | -.148 | -5.92 | 1.7088 | .006 | 1 |
| S1 | .02000 | .01937 | -.001 | -3.16 | .01848 | .001 | 1 |
| S2 | .80000 | .76452 | -.035 | -4.44 | .55828 | .002 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



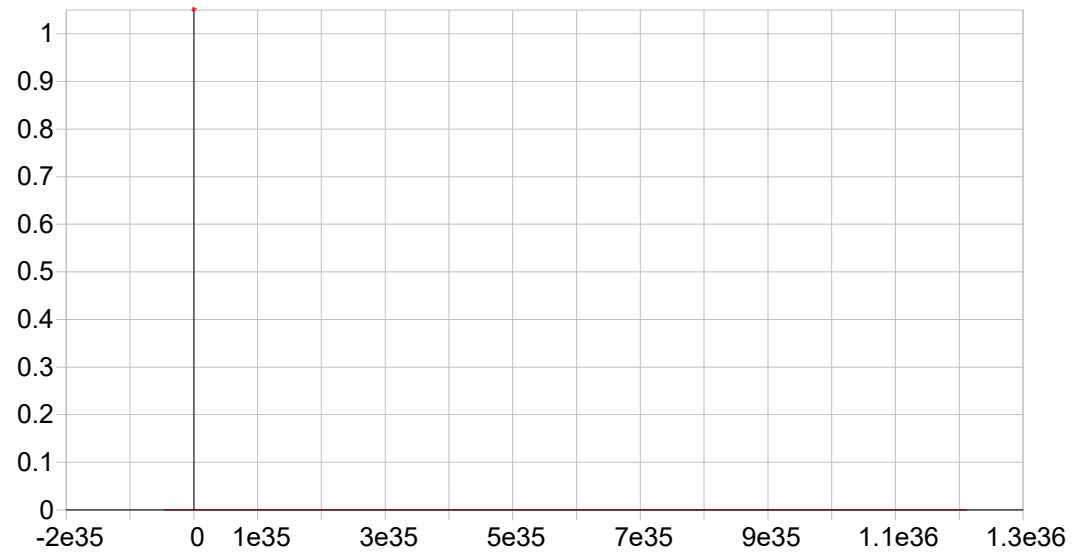

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 13:39:04 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000910 | Re-Slope: | 1.000000 |
| A1 (Gain): | 7.097195 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999594 | Status: | OK. |
| Std Error of Est: | 0.004739 | | |
| Predicted MDL: | 0.000077 | | |
| Predicted MQL: | 0.000258 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00091 | .000 | 1 |
| S1 | .02000 | .02023 | .000 | 1.13 | .14446 | .001 | 1 |
| S3 | 2.5000 | 2.4451 | -.055 | -2.20 | 17.354 | .156 | 1 |
| S4 | 5.0000 | 4.8027 | -.197 | -3.95 | 34.086 | .175 | 1 |
| S5 | 10.000 | 10.234 | .234 | 2.34 | 72.630 | .596 | 1 |
| S2 | .80000 | .81848 | .018 | 2.31 | 5.8098 | .009 | 1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

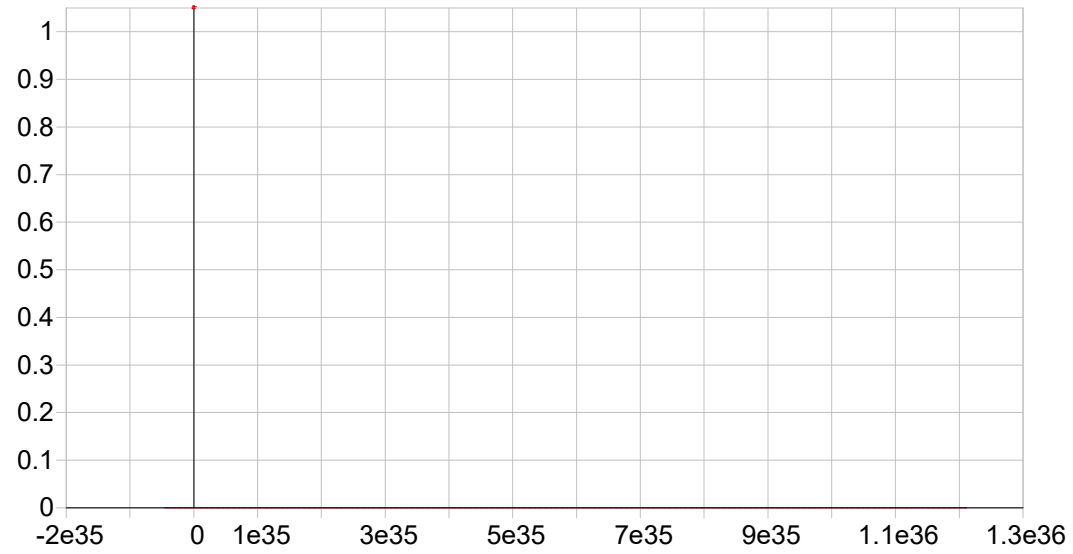



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 4/14/2025 11:19:38 | 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 |
|---|---|---|---|---|---|---|---|



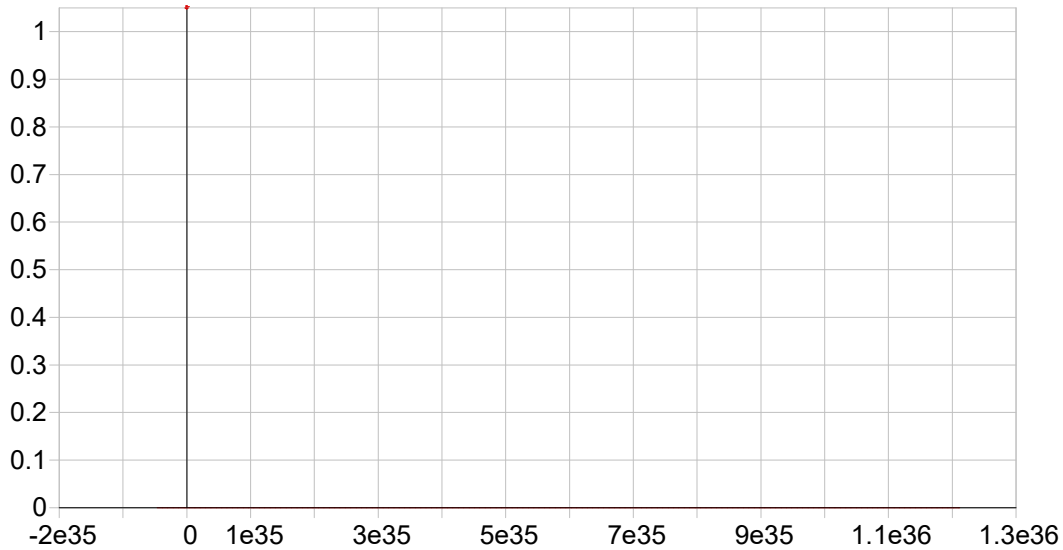

**Y 360.073 { 94}***

| | | | | | |
|---|---|---|---|---|---|
| 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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

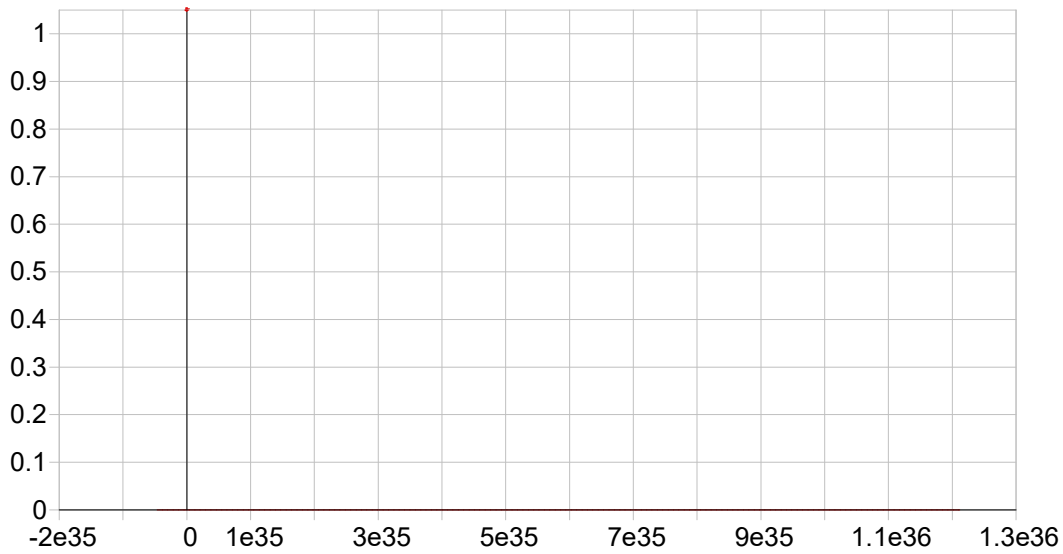
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | 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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

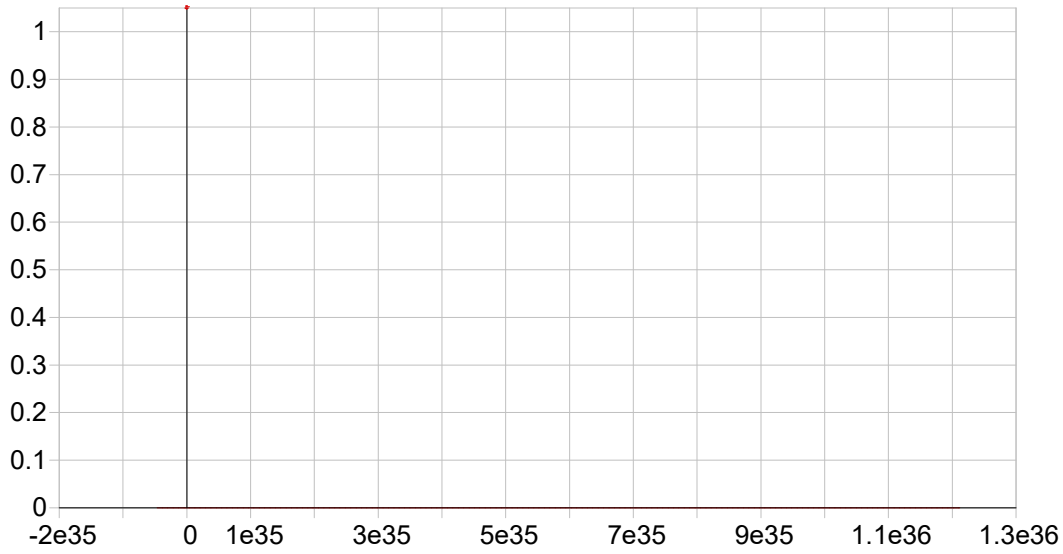



**Y 224.306 {150}***

| | | | | | |
|---|---|---|---|---|---|
| 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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S0 Acquired: 4/14/2025 13:13:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | -.00020 | -.00007 | -.00028 | .00032 | .00024 | -.00014 | .02630 | -.00013 |
| Stddev | .00012 | .00013 | .00018 | .00014 | .00006 | .00027 | .00250 | .00007 |
| %RSD | 60.262 | 173.97 | 64.521 | 45.435 | 24.298 | 193.00 | 9.5024 | 49.889 |
| #1 | -.00029 | -.00015 | -.00046 | .00027 | .00030 | .00008 | .02535 | -.00006 |
| #2 | -.00025 | .00007 | -.00028 | .00048 | .00020 | -.00006 | .02913 | -.00020 |
| #3 | -.00006 | -.00014 | -.00010 | .00021 | .00021 | -.00045 | .02441 | -.00014 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00005 | .00052 | .00010 | .00006 | -.00071 | .00004 | .00088 | -.00027 |
| Stddev | .00016 | .00014 | .00002 | .00007 | .00019 | .00001 | .00006 | .00012 |
| %RSD | 301.11 | 26.091 | 21.614 | 119.68 | 26.320 | 19.547 | 7.0244 | 45.481 |
| #1 | .00023 | .00066 | .00008 | .00014 | -.00052 | .00004 | .00093 | -.00032 |
| #2 | -.00009 | .00051 | .00010 | .00005 | -.00089 | .00004 | .00091 | -.00037 |
| #3 | .00002 | .00039 | .00012 | -.00000 | -.00072 | .00005 | .00081 | -.00013 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.00030 | -.00134 | .00265 | -.00011 | .00566 | .00012 | .00152 | .00031 |
| Stddev | .00006 | .00004 | .00008 | .00017 | .00062 | .00007 | .00005 | .00016 |
| %RSD | 19.864 | 3.2870 | 3.1609 | 156.23 | 11.038 | 59.998 | 3.5055 | 50.922 |
| #1 | -.00023 | -.00137 | .00255 | -.00030 | .00533 | .00020 | .00146 | .00013 |
| #2 | -.00034 | -.00129 | .00270 | .00003 | .00638 | .00010 | .00153 | .00040 |
| #3 | -.00033 | -.00137 | .00269 | -.00006 | .00527 | .00006 | .00157 | .00040 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00017 | .00245 | .00012 | -.00089 | .00012 | .00422 | .00091 |
| Stddev | .00004 | .00015 | .00002 | .00007 | .00004 | .00052 | .00050 |
| %RSD | 22.352 | 6.1684 | 16.173 | 7.6124 | 30.231 | 12.289 | 54.521 |
| #1 | .00017 | .00235 | .00014 | -.00081 | .00012 | .00422 | .00061 |
| #2 | .00013 | .00238 | .00010 | -.00094 | .00009 | .00370 | .00064 |
| #3 | .00021 | .00263 | .00011 | -.00092 | .00016 | .00473 | .00148 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S0 Acquired: 4/14/2025 13:13:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2738.5 | 66672. | 12366. | 1781.5 | 4398.4 |
| Stddev | 12.3 | 193. | 54. | 11.8 | 17.7 |
| %RSD | .44870 | .29019 | .43359 | .66085 | .40196 |
| | | | | | |
| #1 | 2724.4 | 66884. | 12398. | 1771.7 | 4378.1 |
| #2 | 2743.8 | 66504. | 12304. | 1778.3 | 4406.1 |
| #3 | 2747.2 | 66628. | 12396. | 1794.6 | 4410.9 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S1 Acquired: 4/14/2025 13:17:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | .00094 | .00227 | .00155 | .00105 | .00538 | .00808 | .23107 | .01896 |
| Stddev | .00017 | .00012 | .00028 | .00011 | .00010 | .00029 | .00162 | .00022 |
| %RSD | 18.364 | 5.1968 | 18.078 | 10.523 | 1.8488 | 3.5414 | .70104 | 1.1386 |
| #1 | .00114 | .00240 | .00146 | .00114 | .00527 | .00791 | .23292 | .01871 |
| #2 | .00083 | .00225 | .00186 | .00093 | .00546 | .00791 | .23037 | .01907 |
| #3 | .00086 | .00217 | .00132 | .00108 | .00541 | .00841 | .22992 | .01909 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .01347 | .10559 | .00177 | .02444 | .01568 | .00049 | .00814 | .02076 |
| Stddev | .00026 | .00009 | .00007 | .00010 | .00009 | .00001 | .00003 | .00019 |
| %RSD | 1.9527 | .08173 | 3.9123 | .39726 | .58344 | 2.5606 | .34854 | .91200 |
| #1 | .01358 | .10568 | .00182 | .02433 | .01574 | .00051 | .00816 | .02063 |
| #2 | .01317 | .10551 | .00178 | .02447 | .01557 | .00049 | .00811 | .02097 |
| #3 | .01366 | .10558 | .00169 | .02452 | .01572 | .00048 | .00815 | .02066 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .01876 | .00085 | .02147 | .00476 | .11516 | .01347 | .03706 | .13349 |
| Stddev | .00002 | .00007 | .00034 | .00009 | .00155 | .00014 | .00040 | .00051 |
| %RSD | .08381 | 8.0474 | 1.5947 | 1.8218 | 1.3496 | 1.0128 | 1.0756 | .38202 |
| #1 | .01878 | .00078 | .02186 | .00471 | .11469 | .01362 | .03726 | .13401 |
| #2 | .01876 | .00091 | .02122 | .00471 | .11689 | .01336 | .03660 | .13299 |
| #3 | .01875 | .00087 | .02134 | .00486 | .11389 | .01343 | .03732 | .13348 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00424 | .01688 | .00177 | -.00027 | .00062 | .01848 | .14446 |
| Stddev | .00006 | .00005 | .00001 | .00005 | .00001 | .00056 | .00068 |
| %RSD | 1.3453 | .29305 | .66054 | 19.575 | 1.1077 | 3.0450 | .46874 |
| #1 | .00422 | .01683 | .00178 | -.00033 | .00061 | .01797 | .14472 |
| #2 | .00420 | .01690 | .00176 | -.00024 | .00062 | .01908 | .14369 |
| #3 | .00431 | .01692 | .00178 | -.00023 | .00062 | .01837 | .14496 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S1 Acquired: 4/14/2025 13:17:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2787.1 | 66644. | 13141. | 1840.1 | 4420.1 |
| Stddev | 8.9 | 242. | 16. | 6.2 | 6.4 |
| %RSD | .31760 | .36246 | .12084 | .33440 | .14426 |
| | | | | | |
| #1 | 2777.4 | 66544. | 13148. | 1836.1 | 4412.7 |
| #2 | 2794.7 | 66467. | 13122. | 1836.9 | 4424.0 |
| #3 | 2789.2 | 66919. | 13151. | 1847.2 | 4423.5 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S2 Acquired: 4/14/2025 13:22:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | .03723 | .04538 | .14697 | .03207 | .07496 | .12376 | 3.4261 | .12181 |
| Stddev | .00017 | .00017 | .00049 | .00027 | .00034 | .00014 | .0032 | .00053 |
| %RSD | .45372 | .38566 | .33084 | .83182 | .44918 | .10947 | .09397 | .43841 |
| #1 | .03704 | .04522 | .14697 | .03215 | .07499 | .12362 | 3.4232 | .12177 |
| #2 | .03737 | .04534 | .14745 | .03228 | .07528 | .12389 | 3.4296 | .12237 |
| #3 | .03727 | .04557 | .14648 | .03177 | .07461 | .12379 | 3.4256 | .12130 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .85481 | .21202 | .02831 | .32769 | .14902 | .00403 | .13725 | .03885 |
| Stddev | .00162 | .00043 | .00003 | .00020 | .00058 | .00004 | .00036 | .00005 |
| %RSD | .18962 | .20202 | .11873 | .06229 | .38680 | .90501 | .26554 | .13229 |
| #1 | .85663 | .21157 | .02833 | .32778 | .14848 | .00400 | .13688 | .03879 |
| #2 | .85425 | .21242 | .02827 | .32783 | .14963 | .00402 | .13726 | .03888 |
| #3 | .85354 | .21207 | .02833 | .32745 | .14896 | .00408 | .13760 | .03888 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .19273 | .04263 | .04242 | .04917 | 1.0812 | .02774 | .26204 | .51350 |
| Stddev | .00051 | .00014 | .00013 | .00025 | .0051 | .00025 | .00289 | .00014 |
| %RSD | .26629 | .33724 | .30451 | .51028 | .47110 | .89693 | 1.1027 | .02634 |
| #1 | .19332 | .04247 | .04254 | .04909 | 1.0771 | .02799 | .25877 | .51334 |
| #2 | .19248 | .04268 | .04228 | .04945 | 1.0795 | .02773 | .26424 | .51355 |
| #3 | .19238 | .04275 | .04243 | .04897 | 1.0869 | .02749 | .26312 | .51359 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .07793 | .28928 | .00421 | .02353 | .01677 | .55828 | 5.8098 |
| Stddev | .00015 | .00028 | .00003 | .00013 | .00009 | .00167 | .0091 |
| %RSD | .18751 | .09779 | .68203 | .56086 | .52553 | .29893 | .15693 |
| #1 | .07777 | .28896 | .00424 | .02349 | .01668 | .55700 | 5.8010 |
| #2 | .07806 | .28936 | .00418 | .02342 | .01679 | .56017 | 5.8192 |
| #3 | .07795 | .28951 | .00420 | .02368 | .01685 | .55768 | 5.8094 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S2 Acquired: 4/14/2025 13:22:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2819.5 | 67175. | 13823. | 1846.2 | 4431.1 |
| Stddev | 3.6 | 219. | 32. | 9.0 | 8.5 |
| %RSD | .12930 | .32635 | .23156 | .48961 | .19126 |
| | | | | | |
| #1 | 2816.3 | 67070. | 13857. | 1844.2 | 4421.4 |
| #2 | 2818.6 | 67427. | 13794. | 1856.0 | 4436.1 |
| #3 | 2823.5 | 67028. | 13816. | 1838.3 | 4435.9 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S3 Acquired: 4/14/2025 13:26:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | .11841 | .14319 | .46126 | .10161 | .23289 | .38499 | 10.205 | .39754 |
| Stddev | .00031 | .00104 | .00138 | .00018 | .00065 | .00019 | .016 | .00304 |
| %RSD | .25988 | .72373 | .29954 | .17487 | .28051 | .05024 | .15524 | .76489 |
| #1 | .11854 | .14426 | .46094 | .10164 | .23215 | .38506 | 10.203 | .39533 |
| #2 | .11806 | .14310 | .46008 | .10143 | .23313 | .38514 | 10.221 | .39628 |
| #3 | .11863 | .14219 | .46278 | .10178 | .23339 | .38477 | 10.190 | .40101 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.6904 | .64518 | .08626 | 1.0254 | .45902 | .01141 | .41426 | .12086 |
| Stddev | .0050 | .00243 | .00016 | .0014 | .00091 | .00003 | .00159 | .00094 |
| %RSD | .18786 | .37605 | .18116 | .13267 | .19717 | .25391 | .38401 | .77972 |
| #1 | 2.6880 | .64699 | .08620 | 1.0252 | .45821 | .01142 | .41272 | .12086 |
| #2 | 2.6870 | .64243 | .08615 | 1.0242 | .45884 | .01143 | .41415 | .11993 |
| #3 | 2.6962 | .64614 | .08644 | 1.0269 | .46000 | .01138 | .41590 | .12181 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .60471 | .13083 | .11603 | .15096 | 3.2609 | .07983 | .85123 | 1.5735 |
| Stddev | .00081 | .00019 | .00053 | .00023 | .0106 | .00055 | .00740 | .0028 |
| %RSD | .13371 | .14547 | .45520 | .15179 | .32429 | .68543 | .86910 | .17693 |
| #1 | .60432 | .13071 | .11641 | .15098 | 3.2593 | .08021 | .84727 | 1.5719 |
| #2 | .60417 | .13074 | .11624 | .15072 | 3.2722 | .08009 | .84666 | 1.5718 |
| #3 | .60564 | .13105 | .11542 | .15118 | 3.2512 | .07921 | .85977 | 1.5767 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .24728 | .87492 | .01198 | .07920 | .05473 | 1.7088 | 17.354 |
| Stddev | .00020 | .00108 | .00005 | .00013 | .00007 | .0059 | .156 |
| %RSD | .08211 | .12336 | .38431 | .16271 | .13602 | .34335 | .90104 |
| #1 | .24731 | .87385 | .01193 | .07918 | .05472 | 1.7131 | 17.462 |
| #2 | .24707 | .87490 | .01202 | .07934 | .05466 | 1.7112 | 17.175 |
| #3 | .24747 | .87601 | .01198 | .07909 | .05481 | 1.7021 | 17.425 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S3 Acquired: 4/14/2025 13:26:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2708.8 | 66416. | 12797. | 1792.6 | 4141.6 |
| Stddev | 5.5 | 192. | 93. | 3.0 | 3.7 |
| %RSD | .20189 | .28966 | .72625 | .16531 | .09039 |
| | | | | | |
| #1 | 2713.0 | 66441. | 12818. | 1793.3 | 4145.0 |
| #2 | 2710.6 | 66594. | 12878. | 1789.3 | 4142.3 |
| #3 | 2702.6 | 66212. | 12696. | 1795.1 | 4137.6 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S4 Acquired: 4/14/2025 13:30:39 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | .23922 | .28529 | .92265 | .20408 | .47087 | .78685 | 20.152 | .85290 |
| Stddev | .00063 | .00181 | .00229 | .00073 | .00030 | .00097 | .384 | .00165 |
| %RSD | .26145 | .63354 | .24856 | .35964 | .06295 | .12391 | 1.9077 | .19314 |
| #1 | .23849 | .28321 | .92013 | .20329 | .47108 | .78580 | 19.779 | .85249 |
| #2 | .23954 | .28646 | .92321 | .20474 | .47053 | .78773 | 20.131 | .85149 |
| #3 | .23961 | .28620 | .92462 | .20422 | .47101 | .78700 | 20.547 | .85471 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5.4035 | 1.2791 | .17263 | 2.0542 | .91067 | .02168 | .82435 | .24783 |
| Stddev | .0193 | .0043 | .00006 | .0039 | .00139 | .00007 | .00382 | .00141 |
| %RSD | .35702 | .33386 | .03763 | .19146 | .15212 | .33827 | .46345 | .56949 |
| #1 | 5.3842 | 1.2745 | .17264 | 2.0513 | .90907 | .02161 | .82168 | .24722 |
| #2 | 5.4034 | 1.2798 | .17268 | 2.0527 | .91153 | .02167 | .82264 | .24683 |
| #3 | 5.4228 | 1.2829 | .17256 | 2.0587 | .91141 | .02176 | .82872 | .24944 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.2060 | .26510 | .22157 | .30504 | 6.5094 | .15409 | 1.8327 | 3.1516 |
| Stddev | .0032 | .00033 | .00053 | .00052 | .0148 | .00044 | .0009 | .0065 |
| %RSD | .26722 | .12518 | .24009 | .16896 | .22702 | .28588 | .05099 | .20463 |
| #1 | 1.2027 | .26472 | .22096 | .30445 | 6.5001 | .15360 | 1.8318 | 3.1442 |
| #2 | 1.2062 | .26535 | .22194 | .30538 | 6.5265 | .15446 | 1.8327 | 3.1554 |
| #3 | 1.2091 | .26522 | .22182 | .30530 | 6.5017 | .15421 | 1.8337 | 3.1552 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .49617 | 1.7561 | .02327 | .15871 | .11105 | 3.5225 | 34.086 |
| Stddev | .00151 | .0050 | .00002 | .00040 | .00038 | .0068 | .175 |
| %RSD | .30485 | .28482 | .07968 | .24921 | .34203 | .19406 | .51458 |
| #1 | .49449 | 1.7518 | .02325 | .15864 | .11072 | 3.5167 | 34.229 |
| #2 | .49659 | 1.7549 | .02327 | .15913 | .11097 | 3.5208 | 33.890 |
| #3 | .49743 | 1.7616 | .02329 | .15835 | .11146 | 3.5300 | 34.140 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S4 Acquired: 4/14/2025 13:30:39 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2659.5 | 64016. | 11716. | 1719.7 | 4025.8 |
| Stddev | 5.3 | 120. | 34. | 4.3 | 3.0 |
| %RSD | .19746 | .18727 | .28953 | .25065 | .07515 |
| | | | | | |
| #1 | 2655.4 | 64058. | 11729. | 1724.0 | 4022.3 |
| #2 | 2657.8 | 64110. | 11741. | 1719.6 | 4027.7 |
| #3 | 2665.4 | 63881. | 11677. | 1715.4 | 4027.3 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S5 Acquired: 4/14/2025 13:34:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | .48516 | .56059 | 1.8616 | .41228 | .95791 | 1.6402 | 43.347 | 1.5269 |
| Stddev | .00109 | .00707 | .0019 | .00169 | .00383 | .0033 | .555 | .0161 |
| %RSD | .22568 | 1.2606 | .10441 | .40917 | .39998 | .20080 | 1.2811 | 1.0527 |
| #1 | .48612 | .56867 | 1.8616 | .41423 | .96218 | 1.6439 | 43.909 | 1.5454 |
| #2 | .48397 | .55559 | 1.8635 | .41132 | .95478 | 1.6389 | 42.799 | 1.5170 |
| #3 | .48539 | .55750 | 1.8596 | .41130 | .95677 | 1.6377 | 43.335 | 1.5182 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 11.009 | 2.6898 | .34108 | 4.2031 | 1.8130 | .04932 | 1.7130 | .51002 |
| Stddev | .016 | .0181 | .00063 | .0046 | .0041 | .00010 | .0109 | .00398 |
| %RSD | .14725 | .67434 | .18420 | .11073 | .22739 | .20467 | .63873 | .78035 |
| #1 | 11.008 | 2.7105 | .34070 | 4.2008 | 1.8177 | .04921 | 1.7252 | .51459 |
| #2 | 11.026 | 2.6825 | .34074 | 4.2084 | 1.8109 | .04934 | 1.7040 | .50726 |
| #3 | 10.994 | 2.6766 | .34180 | 4.2000 | 1.8103 | .04941 | 1.7100 | .50823 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.4516 | .53661 | .54664 | .63819 | 13.095 | .37068 | 3.3074 | 6.2713 |
| Stddev | .0042 | .00070 | .00533 | .00274 | .046 | .00343 | .0372 | .0132 |
| %RSD | .17121 | .12993 | .97556 | .42877 | .35037 | .92482 | 1.1241 | .21029 |
| #1 | 2.4512 | .53667 | .54140 | .64126 | 13.086 | .36713 | 3.3501 | 6.2866 |
| #2 | 2.4560 | .53588 | .54646 | .63600 | 13.055 | .37094 | 3.2816 | 6.2637 |
| #3 | 2.4477 | .53727 | .55206 | .63732 | 13.145 | .37397 | 3.2907 | 6.2638 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.0042 | 3.7061 | .05353 | .32658 | .23299 | 7.4900 | 72.630 |
| Stddev | .0019 | .0156 | .00041 | .00041 | .00046 | .0259 | .596 |
| %RSD | .18543 | .42163 | .76833 | .12679 | .19625 | .34593 | .82031 |
| #1 | 1.0055 | 3.7227 | .05307 | .32699 | .23349 | 7.4936 | 73.296 |
| #2 | 1.0050 | 3.6916 | .05366 | .32616 | .23259 | 7.4624 | 72.148 |
| #3 | 1.0020 | 3.7039 | .05386 | .32659 | .23290 | 7.5139 | 72.447 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S5 Acquired: 4/14/2025 13:34:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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 | 2580.5 | 62712. | 12814. | 1654.3 | 3804.9 |
| Stddev | 1.1 | 71. | 136. | 2.9 | 3.6 |
| %RSD | .04452 | .11391 | 1.0590 | .17584 | .09498 |
| | | | | | |
| #1 | 2579.2 | 62728. | 12657. | 1657.2 | 3805.6 |
| #2 | 2581.2 | 62774. | 12889. | 1654.3 | 3800.9 |
| #3 | 2581.2 | 62634. | 12895. | 1651.4 | 3808.1 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICV01 Acquired: 4/14/2025 13:56:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.057501 | 1.033241 | 1.000260 | 1.049246 | 1.044857 | 2.359020 |
| Stddev | .006374 | .009677 | .000990 | .004158 | .005366 | .006183 |
| %RSD | .6027784 | .9365734 | .0989945 | .3963053 | .5135640 | .2620798 |
| #1 | 1.064828 | 1.041615 | .999594 | 1.053731 | 1.051051 | 2.357756 |
| #2 | 1.054442 | 1.035461 | 1.001398 | 1.048488 | 1.041891 | 2.365737 |
| #3 | 1.053232 | 1.022647 | .999788 | 1.045519 | 1.041629 | 2.353567 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5337391 | .4957363 | .5069134 | 9.362105 | .5073903 | .4903304 |
| Stddev | .0032763 | .0011893 | .0007934 | .043412 | .0014087 | .0012222 |
| %RSD | .6138471 | .2399127 | .1565100 | .4636988 | .2776399 | .2492690 |
| #1 | .5300053 | .4943736 | .5063590 | 9.316887 | .5086323 | .4899676 |
| #2 | .5361337 | .4965655 | .5078222 | 9.365974 | .5058596 | .4916930 |
| #3 | .5350782 | .4962699 | .5065589 | 9.403452 | .5076789 | .4893307 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5127434 | 9.383237 | .4829514 | 5.994581 | .4938373 | .2457877 |
| Stddev | .0029749 | .032489 | .0039747 | .047699 | .0005068 | .0010944 |
| %RSD | .5801919 | .3462404 | .8230095 | .7957089 | .1026157 | .4452708 |
| #1 | .5161616 | 9.346434 | .4783785 | 5.940471 | .4932659 | .2458881 |
| #2 | .5107389 | 9.395343 | .4848990 | 6.030542 | .4940140 | .2446466 |
| #3 | .5113299 | 9.407935 | .4855768 | 6.012730 | .4942321 | .2468285 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.08781 | .4742714 | .9935412 | 9.741589 | F -.009678 | F -.000363 |
| Stddev | .03358 | .0032535 | .0031673 | .049355 | .000859 | .000132 |
| %RSD | .3329041 | .6859951 | .3187904 | .5066414 | 8.871460 | 36.28653 |
| #1 | 10.04905 | .4708516 | .9971322 | 9.782832 | -.009594 | -.000427 |
| #2 | 10.10839 | .4746343 | .9923463 | 9.686906 | -.010576 | -.000451 |
| #3 | 10.10598 | .4773281 | .9911452 | 9.755030 | -.008865 | -.000212 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICV01 Acquired: 4/14/2025 13:56:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F -.001595 | F -.001002 | F -.001296 | F .0053613 | F .0016229 | F .0019115 |
| Stddev | .001296 | .000563 | .005290 | .0017797 | .0031990 | .0002192 |
| %RSD | 81.25814 | 56.23780 | 408.2052 | 33.19552 | 197.1160 | 11.46817 |
| #1 | -.001765 | -.001506 | .004343 | .0038666 | .0040768 | .0016755 |
| #2 | -.000222 | -.001106 | -.002081 | .0073300 | -.001995 | .0021089 |
| #3 | -.002798 | -.000394 | -.006149 | .0048872 | .002787 | .0019499 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0011184 |
| Stddev | .0000302 |
| %RSD | 2.696014 |
| #1 | .0011507 |
| #2 | .0011133 |
| #3 | .0010911 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2718.615 | 65862.08 | 13031.76 | 1775.639 | 4258.600 |
| Stddev | 12.151 | 246.48 | 14.96 | 7.525 | 6.006 |
| %RSD | .4469658 | .3742432 | .1147814 | .4237920 | .1410328 |
| #1 | 2704.663 | 65683.26 | 13048.49 | 1769.232 | 4257.783 |
| #2 | 2726.880 | 66143.25 | 13027.09 | 1783.926 | 4253.045 |
| #3 | 2724.302 | 65759.73 | 13019.69 | 1773.760 | 4264.973 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: LLICV01 Acquired: 4/14/2025 14:01:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0227893 | .0418343 | .0123649 | .0190461 | .0532142 | .0975031 | .0960501 |
| Stddev | .0015849 | .0007695 | .0005014 | .0014662 | .0018150 | .0025698 | .0007404 |
| %RSD | 6.954646 | 1.839480 | 4.054936 | 7.698244 | 3.410707 | 2.635587 | .7708721 |
| #1 | .0223958 | .0418524 | .0127023 | .0195539 | .0514324 | .0972468 | .0952069 |
| #2 | .0214382 | .0410558 | .0117887 | .0201909 | .0550606 | .0950710 | .0963490 |
| #3 | .0245338 | .0425946 | .0126036 | .0173935 | .0531494 | .1001914 | .0965943 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0060014 | .0061218 | 1.978376 | .0098072 | .0295510 | .0226213 | .0994245 |
| Stddev | .0000963 | .0000265 | .005711 | .0000368 | .0001172 | .0002042 | .0045739 |
| %RSD | 1.604031 | .4324787 | .2886888 | .3756752 | .3964366 | .9024496 | 4.600396 |
| #1 | .0058905 | .0061445 | 1.973767 | .0098164 | .0295345 | .0227871 | .0941474 |
| #2 | .0060497 | .0061281 | 1.976596 | .0098386 | .0294430 | .0226836 | .1022504 |
| #3 | .0060639 | .0060927 | 1.984765 | .0097666 | .0296756 | .0223933 | .1018757 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0205692 | 2.080715 | .0395081 | .0100375 | 1.838124 | .0404484 | .0416406 |
| Stddev | .0006205 | .016312 | .0001840 | .0001132 | .026267 | .0006190 | .0003608 |
| %RSD | 3.016518 | .7839730 | .4657026 | 1.127332 | 1.429030 | 1.530381 | .8664781 |
| #1 | .0201527 | 2.074314 | .0396748 | .0101600 | 1.867350 | .0406460 | .0419939 |
| #2 | .0202726 | 2.068575 | .0395389 | .0100156 | 1.816487 | .0409445 | .0412727 |
| #3 | .0212823 | 2.099257 | .0393107 | .0099369 | 1.830535 | .0397547 | .0416553 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.921338 | .1080123 | .2116963 | .0395785 | .0397798 | .3221741 | .0218066 |
| Stddev | .022532 | .0010407 | .0014531 | .0007899 | .0002400 | .0065921 | .0007453 |
| %RSD | 1.172709 | .9634554 | .6863906 | 1.995861 | .6033634 | 2.046129 | 3.417654 |
| #1 | 1.944608 | .1068109 | .2132731 | .0404827 | .0395349 | .3250910 | .0212511 |
| #2 | 1.919782 | .1085952 | .2104111 | .0390227 | .0400146 | .3268046 | .0215152 |
| #3 | 1.899625 | .1086309 | .2114048 | .0392300 | .0397899 | .3146268 | .0226536 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: LLICV01 Acquired: 4/14/2025 14:01:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0195826 | .0187333 | .0200304 |
| Stddev | .0010927 | .0008088 | .0000366 |
| %RSD | 5.580062 | 4.317229 | .1826557 |
| | | | |
| #1 | .0203363 | .0178097 | .0200461 |
| #2 | .0200822 | .0193150 | .0199886 |
| #3 | .0183294 | .0190751 | .0200565 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2778.742 | 66985.72 | 13128.46 | 1834.829 | 4408.992 |
| Stddev | 9.135 | 215.68 | 53.63 | 9.817 | 5.945 |
| %RSD | .3287416 | .3219836 | .4084725 | .5350359 | .1348435 |
| | | | | | |
| #1 | 2769.650 | 66758.12 | 13188.37 | 1825.701 | 4402.419 |
| #2 | 2778.655 | 67011.95 | 13084.95 | 1833.573 | 4413.994 |
| #3 | 2787.920 | 67187.09 | 13112.05 | 1845.214 | 4410.562 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICB01 Acquired: 4/14/2025 14:05:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009095 | -.000535 | .0002753 | .0001565 | -.000541 | .0028645 | .0000981 |
| Stddev | .0009381 | .001648 | .0003458 | .0018769 | .001822 | .0056359 | .0003041 |
| %RSD | 103.1414 | 307.6805 | 125.5998 | 1199.442 | 336.8530 | 196.7513 | 310.0664 |
| #1 | .0015356 | -.001274 | .0000340 | -.001506 | .001561 | .0031071 | -.000205 |
| #2 | .0013620 | .001352 | .0001204 | -.000216 | -.001517 | -.002889 | .000404 |
| #3 | -.000169 | -.001684 | .0006714 | .002192 | -.001667 | .008375 | .000095 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000286 | -.000125 | -.015658 | -.000119 | -.000017 | .0001345 | -.000760 |
| Stddev | .0000247 | .000069 | .001546 | .000113 | .000051 | .0002971 | .003334 |
| %RSD | 86.24025 | 55.13202 | 9.875477 | 94.59249 | 307.1495 | 220.8575 | 438.9243 |
| #1 | .0000570 | -.000046 | -.015450 | .000001 | -.000008 | .0004201 | .002895 |
| #2 | .0000122 | -.000169 | -.014226 | -.000223 | -.000071 | .0001565 | -.003635 |
| #3 | .0000167 | -.000159 | -.017298 | -.000135 | .000030 | -.000173 | -.001539 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0007962 | .0051026 | -.000013 | -.000216 | -.005808 | .0017189 | -.000342 |
| Stddev | .0002033 | .0134907 | .000207 | .000184 | .010896 | .0019767 | .000123 |
| %RSD | 25.53490 | 264.3899 | 1617.616 | 85.14773 | 187.6121 | 115.0036 | 35.88194 |
| #1 | .0006459 | .0093755 | .000213 | -.000349 | -.012871 | .0022768 | -.000239 |
| #2 | .0007152 | -.010007 | -.000192 | -.000006 | -.011294 | -.000477 | -.000478 |
| #3 | .0010275 | .015939 | -.000059 | -.000292 | .006741 | .003357 | -.000309 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.026630 | .0018003 | -.000207 | -.000421 | -.000757 | .0121277 | -.000072 |
| Stddev | .011795 | .0000971 | .000081 | .000805 | .000238 | .0017364 | .001522 |
| %RSD | 44.29062 | 5.394015 | 39.08526 | 191.2611 | 31.39717 | 14.31764 | 2126.021 |
| #1 | -.027151 | .0019109 | -.000115 | -.000897 | -.000566 | .0137013 | -.000127 |
| #2 | -.014584 | .0017291 | -.000265 | -.000874 | -.000681 | .0124170 | .001478 |
| #3 | -.038156 | .0017609 | -.000243 | .000509 | -.001023 | .0102648 | -.001566 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICB01 Acquired: 4/14/2025 14:05:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.001035 | -.002146 | -.000171 |
| Stddev | .001747 | .000404 | .000043 |
| %RSD | 168.8088 | 18.81450 | 25.21411 |
| | | | |
| #1 | -.001796 | -.002504 | -.000205 |
| #2 | -.002273 | -.002224 | -.000187 |
| #3 | .000964 | -.001708 | -.000123 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2774.118 | 67685.07 | 13187.78 | 1851.767 | 4428.802 |
| Stddev | 5.871 | 144.30 | 87.13 | 6.252 | 7.696 |
| %RSD | .2116224 | .2131994 | .6606580 | .3376390 | .1737613 |
| | | | | | |
| #1 | 2769.439 | 67667.29 | 13217.76 | 1858.946 | 4426.215 |
| #2 | 2780.706 | 67837.44 | 13089.63 | 1848.845 | 4437.458 |
| #3 | 2772.210 | 67550.48 | 13255.96 | 1847.512 | 4422.734 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CRI01 Acquired: 4/14/2025 14:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0223440 | .0418003 | .0122450 | .0196346 | .0517182 | .0917469 | .0956099 |
| Stddev | .0006660 | .0007114 | .0006646 | .0005770 | .0021955 | .0077840 | .0009149 |
| %RSD | 2.980470 | 1.701963 | 5.427379 | 2.938500 | 4.245120 | 8.484176 | .9568792 |
| #1 | .0230573 | .0423138 | .0116235 | .0191081 | .0493237 | .0999648 | .0965041 |
| #2 | .0217385 | .0420988 | .0121660 | .0202514 | .0536366 | .0907906 | .0946757 |
| #3 | .0222362 | .0409883 | .0129456 | .0195444 | .0521942 | .0844852 | .0956499 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057582 | .0060793 | 1.970634 | .0096748 | .0293443 | .0226546 | .1016313 |
| Stddev | .0000623 | .0000468 | .006751 | .0001391 | .0002479 | .0002872 | .0046421 |
| %RSD | 1.081396 | .7700938 | .3425750 | 1.437363 | .8446659 | 1.267657 | 4.567538 |
| #1 | .0057934 | .0061039 | 1.975518 | .0098143 | .0295802 | .0224279 | .1042061 |
| #2 | .0056863 | .0061088 | 1.962931 | .0096739 | .0290860 | .0229775 | .1044154 |
| #3 | .0057948 | .0060253 | 1.973454 | .0095362 | .0293665 | .0225583 | .0962725 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0204159 | 2.058943 | .0393922 | .0098755 | 1.839906 | .0407478 | .0410169 |
| Stddev | .0002783 | .012017 | .0003591 | .0002946 | .028182 | .0003444 | .0004100 |
| %RSD | 1.362908 | .5836480 | .9117026 | 2.983284 | 1.531698 | .8452538 | .9994606 |
| #1 | .0203228 | 2.071557 | .0390678 | .0101996 | 1.860565 | .0410299 | .0409819 |
| #2 | .0207288 | 2.047628 | .0397781 | .0098031 | 1.851351 | .0408495 | .0414432 |
| #3 | .0201962 | 2.057644 | .0393305 | .0096239 | 1.807802 | .0403640 | .0406255 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.932960 | .1005690 | .2134214 | .0399294 | .0401463 | .3405009 | .0206699 |
| Stddev | .031462 | .0009768 | .0001174 | .0005473 | .0003875 | .0075690 | .0029763 |
| %RSD | 1.627655 | .9713120 | .0550188 | 1.370679 | .9651880 | 2.222912 | 14.39938 |
| #1 | 1.908096 | .1011101 | .2132967 | .0393011 | .0397029 | .3484475 | .0175778 |
| #2 | 1.968331 | .0994413 | .2134376 | .0403027 | .0404202 | .3333765 | .0235151 |
| #3 | 1.922453 | .1011554 | .2135298 | .0401844 | .0403157 | .3396787 | .0209167 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CRI01 Acquired: 4/14/2025 14:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0201602 | .0187081 | .0200434 |
| Stddev | .0057891 | .0006850 | .0000878 |
| %RSD | 28.71576 | 3.661694 | .4379598 |
| | | | |
| #1 | .0135414 | .0194869 | .0201240 |
| #2 | .0226586 | .0181989 | .0199499 |
| #3 | .0242805 | .0184385 | .0200565 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2777.124 | 67546.73 | 13662.85 | 1825.250 | 4436.871 |
| Stddev | 2.092 | 129.66 | 39.14 | 3.300 | 7.093 |
| %RSD | .0753157 | .1919593 | .2865068 | .1807805 | .1598751 |
| | | | | | |
| #1 | 2778.279 | 67610.34 | 13623.69 | 1824.740 | 4440.905 |
| #2 | 2778.383 | 67397.55 | 13701.98 | 1822.234 | 4441.028 |
| #3 | 2774.709 | 67632.30 | 13662.87 | 1828.775 | 4428.681 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSA01 Acquired: 4/14/2025 14:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0107698 | .0054923 | .0050291 | -.000723 | .0013839 | 235.8746 |
| Stddev | .0015933 | .0007631 | .0029832 | .005372 | .0016963 | 4.0153 |
| %RSD | 14.79396 | 13.89463 | 59.31844 | 743.1900 | 122.5750 | 1.702305 |
| #1 | .0101949 | .0051087 | .0028753 | -.006731 | .0008762 | 235.7283 |
| #2 | .0125707 | .0063711 | .0084342 | .000946 | -.000001 | 239.9611 |
| #3 | .0095437 | .0049970 | .0037780 | .003617 | .003276 | 231.9345 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0046882 | .0013175 | -.001943 | 226.3098 | .0551878 | .0017709 |
| Stddev | .0004501 | .0000285 | .000127 | .6132 | .0006032 | .0002353 |
| %RSD | 9.600306 | 2.162489 | 6.511892 | .2709351 | 1.093013 | 13.28796 |
| #1 | .0050399 | .0013132 | -.001854 | 226.1325 | .0549448 | .0017786 |
| #2 | .0048438 | .0012914 | -.001887 | 226.9921 | .0558746 | .0015318 |
| #3 | .0041810 | .0013479 | -.002088 | 225.8048 | .0547439 | .0020022 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0092615 | 99.02089 | -.000134 | 242.4424 | .0012000 | -.003742 |
| Stddev | .0003791 | .63602 | .000190 | .9961 | .0004278 | .000103 |
| %RSD | 4.093701 | .6423135 | 141.9187 | .4108678 | 35.65096 | 2.739669 |
| #1 | .0093991 | 98.42049 | -.000279 | 242.6579 | .0016498 | -.003727 |
| #2 | .0095526 | 98.95482 | .000082 | 243.3132 | .0011522 | -.003648 |
| #3 | .0088328 | 99.68738 | -.000205 | 241.3562 | .0007981 | -.003851 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0814294 | .0037803 | .0041033 | .0118367 | -.090423 | -.000029 |
| Stddev | .0045592 | .0010517 | .0006489 | .0247439 | .002310 | .000436 |
| %RSD | 5.598921 | 27.82074 | 15.81333 | 209.0442 | 2.554862 | 1508.872 |
| #1 | .0794157 | .0027500 | .0048296 | .0139640 | -.091405 | .000226 |
| #2 | .0866487 | .0048522 | .0035808 | -.013902 | -.092080 | .000219 |
| #3 | .0782237 | .0037387 | .0038996 | .035448 | -.087784 | -.000533 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSA01 Acquired: 4/14/2025 14:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005979 | -.001346 | .0196425 | .0025661 | -.014142 | .0038594 |
| Stddev | .001361 | .000291 | .0034961 | .0036469 | .006563 | .0008416 |
| %RSD | 22.76577 | 21.58686 | 17.79855 | 142.1221 | 46.41138 | 21.80718 |
| | | | | | | |
| #1 | -.007100 | -.001195 | .0231331 | .0065394 | -.019426 | .0033321 |
| #2 | -.006373 | -.001681 | .0161409 | .0017875 | -.006795 | .0048300 |
| #3 | -.004464 | -.001162 | .0196535 | -.000629 | -.016204 | .0034161 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0951038 |
| Stddev | .0002469 |
| %RSD | .2595768 |
| | |
| #1 | .0948239 |
| #2 | .0952905 |
| #3 | .0951971 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2456.379 | 58835.46 | 13170.88 | 1581.638 | 3562.561 |
| Stddev | 5.546 | 151.96 | 75.26 | .834 | 7.799 |
| %RSD | .2257797 | .2582793 | .5714185 | .0527429 | .2189193 |
| | | | | | |
| #1 | 2452.344 | 59010.93 | 13152.96 | 1580.732 | 3565.663 |
| #2 | 2462.703 | 58748.45 | 13106.19 | 1582.375 | 3568.333 |
| #3 | 2454.090 | 58747.02 | 13253.48 | 1581.807 | 3553.689 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSAB01 Acquired: 4/14/2025 14:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1138412 | .1032843 | .0538474 | .0470558 | .6462207 | 236.4107 |
| Stddev | .0053064 | .0031155 | .0016875 | .0015543 | .0044182 | 1.3978 |
| %RSD | 4.661206 | 3.016485 | 3.133945 | 3.303148 | .6837038 | .5912665 |
| #1 | .1162706 | .1068074 | .0553787 | .0454051 | .6495870 | 238.0226 |
| #2 | .1077551 | .1021529 | .0520381 | .0472711 | .6412176 | 235.6768 |
| #3 | .1174980 | .1008924 | .0541253 | .0484913 | .6478574 | 235.5327 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4787595 | .4932019 | 1.042878 | 226.1740 | .5525692 | .5070907 |
| Stddev | .0015257 | .0017049 | .001882 | .3493 | .0018313 | .0011848 |
| %RSD | .3186798 | .3456716 | .1804490 | .1544258 | .3314111 | .2336391 |
| #1 | .4804703 | .4923329 | 1.040718 | 226.2682 | .5505840 | .5061930 |
| #2 | .4782685 | .4921066 | 1.044167 | 225.7873 | .5529312 | .5066456 |
| #3 | .4775398 | .4951662 | 1.043747 | 226.4666 | .5541925 | .5084336 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5063698 | 95.22607 | .4705768 | 242.9648 | .9999994 | .1793076 |
| Stddev | .0015019 | .04718 | .0003346 | .5371 | .0018794 | .0002930 |
| %RSD | .2966045 | .0495471 | .0711097 | .2210533 | .1879442 | .1634177 |
| #1 | .5073053 | 95.17272 | .4703371 | 243.3512 | .9987756 | .1790992 |
| #2 | .5046373 | 95.24321 | .4704343 | 242.3515 | .9990593 | .1791810 |
| #3 | .5071667 | 95.26229 | .4709591 | 243.1917 | 1.002163 | .1796426 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0665623 | .4730783 | 1.039448 | -.012325 | F -.110759 | F -.000417 |
| Stddev | .0061096 | .0028366 | .006139 | .007811 | .001709 | .000490 |
| %RSD | 9.178758 | .5996024 | .5906102 | 63.37931 | 1.542993 | 117.5905 |
| #1 | .0660365 | .4762247 | 1.033579 | -.003863 | -.111213 | -.000730 |
| #2 | .0729178 | .4722935 | 1.038938 | -.019261 | -.108868 | .000148 |
| #3 | .0607326 | .4707168 | 1.045826 | -.013851 | -.112194 | -.000669 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSAB01 Acquired: 4/14/2025 14:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F -.004811 | F -.002715 | F .0119298 | F .0028129 | F -.009537 | F .0014784 |
| Stddev | .000571 | .000454 | .0020671 | .0021506 | .008513 | .0010637 |
| %RSD | 11.86408 | 16.73289 | 17.32730 | 76.45530 | 89.26457 | 71.94955 |
| #1 | -.004951 | -.003222 | .0106683 | .0003812 | -.019171 | .0004567 |
| #2 | -.005299 | -.002346 | .0108057 | .0035924 | -.003031 | .0025797 |
| #3 | -.004183 | -.002576 | .0143154 | .0044650 | -.006408 | .0013988 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0954914 |
| Stddev | .0004858 |
| %RSD | .5086865 |
| #1 | .0960513 |
| #2 | .0952389 |
| #3 | .0951838 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2447.426 | 59645.68 | 12692.71 | 1610.678 | 3541.487 |
| Stddev | 2.335 | 96.32 | 34.21 | 4.518 | 1.642 |
| %RSD | .0953870 | .1614838 | .2695515 | .2805207 | .0463710 |
| #1 | 2444.885 | 59746.50 | 12703.95 | 1615.868 | 3543.063 |
| #2 | 2449.476 | 59635.94 | 12719.89 | 1607.615 | 3539.785 |
| #3 | 2447.918 | 59554.61 | 12654.29 | 1608.553 | 3541.613 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSADLX20 Acquired: 4/14/2025 14:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0020450 | -.000729 | .0005994 | -.001710 | -.000070 | 11.60726 |
| Stddev | .0032550 | .000187 | .0006533 | .000550 | .000735 | .03043 |
| %RSD | 159.1651 | 25.64271 | 108.9988 | 32.17951 | 1056.772 | .2621330 |
| #1 | .0029896 | -.000513 | -.000042 | -.002026 | .000474 | 11.61762 |
| #2 | -.001578 | -.000824 | .001264 | -.002028 | .000224 | 11.63116 |
| #3 | .004723 | -.000848 | .000576 | -.001074 | -.000906 | 11.57301 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001168 | .0001106 | -.000136 | 11.50165 | .0025300 | -.000034 |
| Stddev | .000367 | .0000705 | .000048 | .01534 | .0003901 | .000114 |
| %RSD | 31.43750 | 63.72421 | 35.20607 | .1334053 | 15.41683 | 332.3748 |
| #1 | -.001541 | .0000330 | -.000081 | 11.48435 | .0023648 | .000012 |
| #2 | -.001156 | .0001282 | -.000166 | 11.51363 | .0022498 | .000049 |
| #3 | -.000807 | .0001706 | -.000160 | 11.50697 | .0029755 | -.000165 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006675 | F 4.246804 | .0003854 | 11.92901 | -.000175 | -.000298 |
| Stddev | .0001695 | .019268 | .0005746 | .01099 | .000182 | .000236 |
| %RSD | 25.39102 | .4536986 | 149.1016 | .0921196 | 103.6912 | 79.36423 |
| #1 | .0005620 | 4.266220 | -.000210 | 11.91717 | -.000002 | -.000542 |
| #2 | .0005775 | 4.227688 | .000430 | 11.93099 | -.000160 | -.000070 |
| #3 | .0008630 | 4.246505 | .000936 | 11.93888 | -.000364 | -.000281 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.050530 | .0012037 | -.000180 | -.036655 | -.008794 | -.000100 |
| Stddev | .008417 | .0009095 | .000088 | .017400 | .000675 | .000215 |
| %RSD | 16.65763 | 75.55907 | 49.17170 | 47.47012 | 7.673818 | 214.7116 |
| #1 | -.054412 | .0011104 | -.000280 | -.049186 | -.008342 | .000139 |
| #2 | -.056306 | .0021563 | -.000149 | -.043992 | -.008469 | -.000278 |
| #3 | -.040872 | .0003445 | -.000111 | -.016788 | -.009570 | -.000161 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSADLX20 Acquired: 4/14/2025 14:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001486 | -.000599 | .0058004 | .0013857 | .0010042 | -.001254 |
| Stddev | .000876 | .000626 | .0008703 | .0019162 | .0034118 | .000269 |
| %RSD | 58.99304 | 104.4197 | 15.00433 | 138.2842 | 339.7668 | 21.45351 |
| #1 | -.000627 | -.000053 | .0056760 | -.000820 | .0037437 | -.001514 |
| #2 | -.002379 | -.000462 | .0067263 | .002644 | -.002817 | -.000976 |
| #3 | -.001451 | -.001282 | .0049990 | .002333 | .002086 | -.001271 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0046682 |
| Stddev | .0000383 |
| %RSD | .8202797 |
| #1 | .0047012 |
| #2 | .0046772 |
| #3 | .0046262 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2770.707 | 67067.76 | 11782.25 | 1827.213 | 4319.386 |
| Stddev | 7.588 | 288.55 | 29.67 | 7.977 | 6.338 |
| %RSD | .2738611 | .4302390 | .2518127 | .4365535 | .1467347 |
| #1 | 2763.325 | 66894.91 | 11806.60 | 1822.282 | 4314.545 |
| #2 | 2778.485 | 67400.87 | 11749.20 | 1836.416 | 4326.560 |
| #3 | 2770.313 | 66907.50 | 11790.94 | 1822.940 | 4317.054 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSABDLX20 Acquired: 4/14/2025 14:27:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0100480 | .0051612 | .0033170 | .0005228 | .0318619 | 11.49939 | .0250976 |
| Stddev | .0023004 | .0030984 | .0017315 | .0041753 | .0009733 | .02421 | .0002310 |
| %RSD | 22.89432 | 60.03280 | 52.20018 | 798.6092 | 3.054716 | .2105240 | .9202444 |
| #1 | .0112479 | .0030072 | .0052444 | .0041412 | .0307553 | 11.49068 | .0248531 |
| #2 | .0073957 | .0037642 | .0018931 | .0014730 | .0322452 | 11.48073 | .0253121 |
| #3 | .0115005 | .0087121 | .0028135 | -.004046 | .0325851 | 11.52674 | .0251274 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0249502 | .0509936 | 11.63855 | .0277591 | .0242464 | .0260972 | 4.663872 |
| Stddev | .0002731 | .0000693 | .05251 | .0000648 | .0001994 | .0003586 | .021955 |
| %RSD | 1.094671 | .1358722 | .4511869 | .2332564 | .8222763 | 1.373897 | .4707461 |
| #1 | .0246371 | .0509855 | 11.58053 | .0278286 | .0244732 | .0261222 | 4.672897 |
| #2 | .0251395 | .0509288 | 11.68283 | .0277481 | .0241670 | .0257268 | 4.679877 |
| #3 | .0250740 | .0510666 | 11.65229 | .0277005 | .0240989 | .0264426 | 4.638843 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0250007 | 11.81450 | .0492001 | .0081455 | -.018578 | .0243027 | .0503069 |
| Stddev | .0005571 | .08343 | .0001991 | .0003008 | .004802 | .0006825 | .0002994 |
| %RSD | 2.228239 | .7061809 | .4046141 | 3.693380 | 25.84705 | 2.808346 | .5952407 |
| #1 | .0245341 | 11.71880 | .0490683 | .0079650 | -.022195 | .0237804 | .0499620 |
| #2 | .0256175 | 11.85271 | .0491029 | .0084927 | -.020410 | .0250750 | .0504577 |
| #3 | .0248507 | 11.87198 | .0494291 | .0079786 | -.013130 | .0240529 | .0505009 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.089602 | -.007070 | -.000055 | -.001786 | -.000456 | .0080257 | .0004681 |
| Stddev | .007036 | .000338 | .000260 | .000219 | .000608 | .0019976 | .0016775 |
| %RSD | 7.852746 | 4.785149 | 469.3809 | 12.28094 | 133.3230 | 24.89016 | 358.3760 |
| #1 | -.096234 | -.006696 | -.000274 | -.001730 | -.001088 | .0071059 | .0019027 |
| #2 | -.082221 | -.007161 | -.000124 | -.002027 | -.000404 | .0103175 | -.001376 |
| #3 | -.090351 | -.007354 | .000232 | -.001600 | .000124 | .0066536 | .000878 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSABDLX20 Acquired: 4/14/2025 14:27:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0031549 | -.000742 | .0047736 |
| Stddev | .0018412 | .000510 | .0000321 |
| %RSD | 58.36020 | 68.75959 | .6717526 |
| | | | |
| #1 | .0052245 | -.001223 | .0047369 |
| #2 | .0025412 | -.000795 | .0047877 |
| #3 | .0016989 | -.000207 | .0047963 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2742.309 | 68029.49 | 13300.55 | 1850.099 | 4279.235 |
| Stddev | 2.899 | 53.04 | 67.50 | 6.944 | 5.944 |
| %RSD | .1056966 | .0779668 | .5075306 | .3753150 | .1389019 |
| | | | | | |
| #1 | 2739.394 | 67968.60 | 13376.47 | 1857.453 | 4275.177 |
| #2 | 2745.190 | 68065.65 | 13277.89 | 1843.656 | 4286.058 |
| #3 | 2742.343 | 68054.22 | 13247.29 | 1849.189 | 4276.470 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV01 Acquired: 4/14/2025 14:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.907529 | 5.047399 | 4.937839 | 4.925506 | 4.923125 | 9.747603 | 9.640581 |
| Stddev | .012662 | .035068 | .016657 | .013711 | .010959 | .005053 | .056457 |
| %RSD | .2580169 | .6947716 | .3373249 | .2783700 | .2225931 | .0518389 | .5856228 |
| #1 | 4.896389 | 5.007155 | 4.919749 | 4.922761 | 4.913598 | 9.744679 | 9.623694 |
| #2 | 4.904897 | 5.063639 | 4.941226 | 4.913374 | 4.920675 | 9.744692 | 9.703555 |
| #3 | 4.921300 | 5.071403 | 4.952541 | 4.940382 | 4.935101 | 9.753438 | 9.594494 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2557222 | 2.462789 | 24.39178 | 1.001308 | 2.462000 | 1.243287 | 4.829014 |
| Stddev | .0007898 | .007938 | .08045 | .001783 | .006749 | .003474 | .014301 |
| %RSD | .3088677 | .3222976 | .3298404 | .1780382 | .2741312 | .2794186 | .2961479 |
| #1 | .2566254 | 2.455163 | 24.42090 | .999271 | 2.455472 | 1.240606 | 4.823668 |
| #2 | .2551608 | 2.462198 | 24.30082 | 1.002073 | 2.461578 | 1.242043 | 4.818156 |
| #3 | .2553804 | 2.471005 | 24.45361 | 1.002581 | 2.468950 | 1.247211 | 4.845218 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.440414 | 24.36680 | 2.461376 | 1.246640 | 23.81924 | 2.444548 | 2.512587 |
| Stddev | .007227 | .13520 | .007500 | .001895 | .05383 | .006234 | .011877 |
| %RSD | .2961338 | .5548335 | .3047008 | .1520430 | .2259742 | .2550004 | .4727177 |
| #1 | 2.446009 | 24.29602 | 2.455470 | 1.246323 | 23.84630 | 2.451347 | 2.499450 |
| #2 | 2.432255 | 24.28169 | 2.458844 | 1.248674 | 23.85417 | 2.439101 | 2.522567 |
| #3 | 2.442978 | 24.52269 | 2.469815 | 1.244923 | 23.75725 | 2.443198 | 2.515745 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.80082 | 5.094817 | 4.999308 | 4.955782 | 4.854846 | 4.767152 | 4.936648 |
| Stddev | .06759 | .016847 | .012778 | .025349 | .007224 | .024712 | .014304 |
| %RSD | .2839616 | .3306617 | .2555879 | .5115044 | .1487987 | .5183803 | .2897573 |
| #1 | 23.79959 | 5.114130 | 4.988712 | 4.933909 | 4.863078 | 4.748808 | 4.934097 |
| #2 | 23.86901 | 5.087174 | 4.995713 | 4.949872 | 4.851896 | 4.757394 | 4.923792 |
| #3 | 23.73386 | 5.083146 | 5.013498 | 4.983563 | 4.849565 | 4.795253 | 4.952057 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV01 Acquired: 4/14/2025 14:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.865845 | 4.868245 | 4.894648 |
| Stddev | .019477 | .010174 | .036500 |
| %RSD | .4002781 | .2089890 | .7457221 |
| | | | |
| #1 | 4.845352 | 4.877773 | 4.896636 |
| #2 | 4.884115 | 4.869432 | 4.857194 |
| #3 | 4.868069 | 4.857529 | 4.930114 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2689.929 | 64107.09 | 12420.37 | 1724.308 | 4063.001 |
| Stddev | 6.257 | 101.10 | 21.25 | 9.442 | 11.179 |
| %RSD | .2325992 | .1576990 | .1710573 | .5475759 | .2751536 |
| | | | | | |
| #1 | 2692.136 | 64222.33 | 12405.25 | 1734.557 | 4070.537 |
| #2 | 2694.783 | 64033.35 | 12444.66 | 1715.964 | 4068.311 |
| #3 | 2682.868 | 64065.58 | 12411.19 | 1722.404 | 4050.157 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB01 Acquired: 4/14/2025 14:35:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0035805 | .0000334 | .0006423 | -.002423 | .0010170 | -.000434 | -.000714 |
| Stddev | .0005409 | .0004532 | .0012852 | .001588 | .0008246 | .000808 | .000638 |
| %RSD | 15.10593 | 1357.608 | 200.1000 | 65.53085 | 81.07985 | 186.0715 | 89.27533 |
| #1 | .0037790 | -.000145 | .0009802 | -.000603 | .0008180 | .000147 | -.000051 |
| #2 | .0039941 | -.000303 | .0017247 | -.003523 | .0003101 | -.001357 | -.001322 |
| #3 | .0029684 | .000549 | -.000778 | -.003144 | .0019228 | -.000093 | -.000770 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000244 | -.000077 | -.002142 | -.000314 | .0000913 | -.000080 | -.005489 |
| Stddev | .0000350 | .000044 | .005670 | .000333 | .0002458 | .000350 | .002676 |
| %RSD | 143.7194 | 57.22717 | 264.7624 | 106.1983 | 269.1606 | 436.9808 | 48.74614 |
| #1 | .0000475 | -.000026 | .004062 | .000018 | -.000133 | .000323 | -.002899 |
| #2 | .0000416 | -.000105 | -.007057 | -.000312 | .000354 | -.000260 | -.008243 |
| #3 | -.000016 | -.000099 | -.003429 | -.000648 | .000053 | -.000302 | -.005326 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002985 | .0047269 | -.000310 | .0000119 | -.038744 | .0006306 | -.000621 |
| Stddev | .0004126 | .0060725 | .000084 | .0003222 | .009156 | .0004525 | .000259 |
| %RSD | 138.2565 | 128.4677 | 27.08627 | 2711.198 | 23.63346 | 71.76463 | 41.63253 |
| #1 | .0000940 | -.000027 | -.000399 | .0001184 | -.048818 | .0003116 | -.000542 |
| #2 | .0007734 | .002640 | -.000232 | -.000350 | -.030928 | .0004317 | -.000910 |
| #3 | .0000280 | .011568 | -.000298 | .000267 | -.036485 | .0011485 | -.000411 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.063751 | .0056929 | -.000007 | -.000436 | .0004699 | .0125556 | .0037255 |
| Stddev | .007608 | .0002540 | .000201 | .000114 | .0004811 | .0032444 | .0029090 |
| %RSD | 11.93398 | 4.461015 | 2730.671 | 26.14283 | 102.3980 | 25.84065 | 78.08381 |
| #1 | -.055148 | .0056359 | .000201 | -.000409 | .0003158 | .0139473 | .0003978 |
| #2 | -.066511 | .0054723 | -.000200 | -.000339 | .0010092 | .0148721 | .0057857 |
| #3 | -.069594 | .0059705 | -.000023 | -.000562 | .0000846 | .0088475 | .0049930 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB01 Acquired: 4/14/2025 14:35:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0014328 | -.000946 | -.000093 |
| Stddev | .0017527 | .000195 | .000025 |
| %RSD | 122.3331 | 20.67007 | 27.27219 |
| | | | |
| #1 | .0011088 | -.000765 | -.000109 |
| #2 | .0033248 | -.000918 | -.000064 |
| #3 | -.000135 | -.001153 | -.000106 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2763.827 | 66588.13 | 13242.46 | 1780.894 | 4488.543 |
| Stddev | 2.016 | 56.83 | 46.05 | 10.592 | 1.072 |
| %RSD | .0729527 | .0853445 | .3477168 | .5947648 | .0238759 |
| | | | | | |
| #1 | 2762.189 | 66628.17 | 13293.52 | 1780.060 | 4487.677 |
| #2 | 2763.214 | 66523.09 | 13229.76 | 1770.744 | 4489.742 |
| #3 | 2766.079 | 66613.14 | 13204.09 | 1791.879 | 4488.211 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04 Acquired: 4/14/2025 14:39:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003548 | -.008588 | .4441389 | .0055056 | .0022213 | .0123606 | .4942526 |
| Stddev | .000755 | .002184 | .0008166 | .0009914 | .0021374 | .0050057 | .0011643 |
| %RSD | 21.27746 | 25.43711 | .1838553 | 18.00788 | 96.22119 | 40.49677 | .2355658 |
| #1 | -.004237 | -.006323 | .4431978 | .0047693 | .0011244 | .0117758 | .4929436 |
| #2 | -.002741 | -.010682 | .4445584 | .0066329 | .0046844 | .0176330 | .4951724 |
| #3 | -.003666 | -.008758 | .4446604 | .0051145 | .0008551 | .0076731 | .4946418 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000010 | .0009836 | 33.98492 | .0011321 | .0353183 | .0268232 | .3619080 |
| Stddev | .000037 | .0000417 | .12921 | .0002301 | .0001960 | .0005607 | .0034559 |
| %RSD | 365.9858 | 4.244087 | .3801839 | 20.32064 | .5549504 | 2.090293 | .9549129 |
| #1 | -.000052 | .0010059 | 33.83705 | .0009979 | .0350931 | .0270098 | .3625620 |
| #2 | .000012 | .0009355 | 34.07600 | .0010006 | .0354115 | .0261930 | .3581719 |
| #3 | .000010 | .0010095 | 34.04171 | .0013977 | .0354503 | .0272667 | .3649903 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8588559 | 8.580820 | .0107680 | -.000189 | 403.3876 | .0009913 | .4235103 |
| Stddev | .0053332 | .078637 | .0003724 | .000168 | 3.7800 | .0006335 | .0011137 |
| %RSD | .6209634 | .9164283 | 3.458863 | 88.49589 | .9370736 | 63.89993 | .2629737 |
| #1 | .8527078 | 8.490520 | .0105131 | -.000118 | 407.6990 | .0017122 | .4227052 |
| #2 | .8622357 | 8.617710 | .0105955 | -.000069 | 400.6422 | .0005236 | .4247813 |
| #3 | .8616243 | 8.634230 | .0111954 | -.000381 | 401.8217 | .0007382 | .4230444 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7957800 | .0387096 | .0000773 | -.002036 | -.001616 | .6991795 | .0121218 |
| Stddev | .0371264 | .0002520 | .0002175 | .000390 | .000289 | .0097185 | .0028448 |
| %RSD | 4.665406 | .6510479 | 281.4533 | 19.15638 | 17.86733 | 1.389991 | 23.46884 |
| #1 | .8011991 | .0385046 | .0003127 | -.001987 | -.001932 | .7065787 | .0152754 |
| #2 | .8298989 | .0386333 | .0000354 | -.002449 | -.001550 | .6881732 | .0097486 |
| #3 | .7562418 | .0389910 | -.000116 | -.001673 | -.001366 | .7027868 | .0113414 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04 Acquired: 4/14/2025 14:39:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5652993 | -.008076 | .1002221 |
| Stddev | .0036252 | .000249 | .0002603 |
| %RSD | .6412871 | 3.079948 | .2597535 |
| | | | |
| #1 | .5659906 | -.007924 | .0999323 |
| #2 | .5685291 | -.008363 | .1004363 |
| #3 | .5613783 | -.007941 | .1002977 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2518.020 | 61613.70 | 13767.70 | 1652.327 | 3722.652 |
| Stddev | 5.323 | 107.45 | 32.40 | 3.073 | 2.576 |
| %RSD | .2113841 | .1743858 | .2353378 | .1859749 | .0691923 |
| | | | | | |
| #1 | 2523.240 | 61489.72 | 13784.53 | 1649.139 | 3722.243 |
| #2 | 2512.600 | 61671.78 | 13730.34 | 1652.572 | 3720.305 |
| #3 | 2518.219 | 61679.61 | 13788.21 | 1655.270 | 3725.408 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04DUP Acquired: 4/14/2025 14:44:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002966 | -.006614 | .4436653 | .0010381 | .0034838 | .0103903 | .4887903 |
| Stddev | .002295 | .001790 | .0006488 | .0005315 | .0007730 | .0070961 | .0008231 |
| %RSD | 77.36715 | 27.06823 | .1462334 | 51.19835 | 22.18960 | 68.29569 | .1683928 |
| #1 | -.005392 | -.007969 | .4438738 | .0006903 | .0027339 | .0048033 | .4893506 |
| #2 | -.002675 | -.007288 | .4429380 | .0016500 | .0042781 | .0183746 | .4891750 |
| #3 | -.000831 | -.004584 | .4441843 | .0007742 | .0034394 | .0079930 | .4878453 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000019 | .0010014 | 33.96056 | .0028478 | .0352941 | .0266595 | .3284949 |
| Stddev | .000044 | .0000742 | .03227 | .0004901 | .0004337 | .0001369 | .0046570 |
| %RSD | 234.0315 | 7.408778 | .0950089 | 17.21067 | 1.228673 | .5135840 | 1.417672 |
| #1 | -.000070 | .0009976 | 33.99008 | .0029913 | .0348685 | .0268108 | .3242536 |
| #2 | .000012 | .0010775 | 33.92611 | .0032501 | .0352783 | .0265441 | .3277526 |
| #3 | .000001 | .0009292 | 33.96548 | .0023019 | .0357354 | .0266237 | .3334784 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8693811 | 8.655594 | .0108451 | -.000378 | 376.9959 | -.000142 | .4236942 |
| Stddev | .0011958 | .045009 | .0002758 | .000052 | 1.6711 | .000441 | .0010150 |
| %RSD | .1375484 | .5199951 | 2.543025 | 13.75299 | .4432564 | 311.1223 | .2395677 |
| #1 | .8700466 | 8.610603 | .0106979 | -.000432 | 378.5663 | .000293 | .4247426 |
| #2 | .8680005 | 8.700620 | .0111632 | -.000375 | 375.2397 | -.000130 | .4236239 |
| #3 | .8700960 | 8.655558 | .0106740 | -.000328 | 377.1816 | -.000588 | .4227162 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7664532 | .0395938 | .0000590 | -.002144 | -.001646 | .6668056 | .0101990 |
| Stddev | .0301629 | .0003293 | .0002014 | .000405 | .000502 | .0142247 | .0013285 |
| %RSD | 3.935385 | .8315948 | 341.6260 | 18.87296 | 30.47183 | 2.133263 | 13.02595 |
| #1 | .7817005 | .0399342 | .0002115 | -.001754 | -.001123 | .6772921 | .0103138 |
| #2 | .7859485 | .0395701 | .0001347 | -.002118 | -.002123 | .6725109 | .0114663 |
| #3 | .7317106 | .0392770 | -.000169 | -.002562 | -.001691 | .6506140 | .0088168 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04DUP Acquired: 4/14/2025 14:44:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5589736 | -.009023 | .0995039 |
| Stddev | .0028528 | .000257 | .0001514 |
| %RSD | .5103644 | 2.850695 | .1521445 |
| | | | |
| #1 | .5603408 | -.009319 | .0993940 |
| #2 | .5556946 | -.008890 | .0996766 |
| #3 | .5608856 | -.008859 | .0994410 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2535.646 | 62018.64 | 13039.06 | 1677.320 | 3744.912 |
| Stddev | 5.238 | 68.12 | 40.59 | 2.155 | 9.850 |
| %RSD | .2065928 | .1098385 | .3113106 | .1284790 | .2630213 |
| | | | | | |
| #1 | 2530.692 | 62079.74 | 13019.41 | 1678.683 | 3739.541 |
| #2 | 2541.129 | 62031.00 | 13085.74 | 1674.836 | 3756.280 |
| #3 | 2535.119 | 61945.19 | 13012.04 | 1678.442 | 3738.915 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04LX5 Acquired: 4/14/2025 14:48:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000636 | -.002183 | .0930652 | .0008707 | .0003870 | .0045174 | .1001412 |
| Stddev | .001221 | .000471 | .0010760 | .0027154 | .0012523 | .0018585 | .0006729 |
| %RSD | 192.0898 | 21.56982 | 1.156149 | 311.8502 | 323.6261 | 41.14084 | .6719621 |
| #1 | .000316 | -.002496 | .0939020 | .0034932 | -.000746 | .0025920 | .1001372 |
| #2 | -.000211 | -.001642 | .0918515 | -.001929 | .001732 | .0046593 | .0994703 |
| #3 | -.002013 | -.002412 | .0934421 | .001048 | .000176 | .0063009 | .1008161 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000405 | .0002328 | 7.077299 | .0015865 | .0072167 | .0054696 | .0775978 |
| Stddev | .0000178 | .0000810 | .005015 | .0002715 | .0001025 | .0003264 | .0040018 |
| %RSD | 44.01014 | 34.80940 | .0708645 | 17.11221 | 1.420729 | 5.968265 | 5.157138 |
| #1 | .0000212 | .0001459 | 7.082190 | .0012753 | .0071368 | .0057348 | .0766892 |
| #2 | .0000439 | .0002462 | 7.072168 | .0017094 | .0073323 | .0051050 | .0741283 |
| #3 | .0000564 | .0003062 | 7.077538 | .0017749 | .0071811 | .0055689 | .0819758 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1786379 | 1.809542 | .0021783 | -.000189 | 74.81085 | .0012219 | .0839971 |
| Stddev | .0012009 | .021118 | .0001238 | .000511 | 1.00858 | .0017522 | .0008373 |
| %RSD | .6722658 | 1.167025 | 5.682750 | 270.6859 | 1.348168 | 143.3926 | .9968205 |
| #1 | .1777689 | 1.798184 | .0022847 | -.000674 | 74.41331 | .0018754 | .0838113 |
| #2 | .1781367 | 1.833908 | .0020425 | .000344 | 74.06162 | -.000763 | .0849116 |
| #3 | .1800083 | 1.796534 | .0022078 | -.000236 | 75.95762 | .002553 | .0832682 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1191489 | .0084093 | -.000135 | -.000415 | -.001016 | .1307528 | .0054433 |
| Stddev | .0229542 | .0003515 | .000128 | .000688 | .000679 | .0057251 | .0014185 |
| %RSD | 19.26511 | 4.179918 | 94.82769 | 165.9945 | 66.76404 | 4.378575 | 26.05898 |
| #1 | .0950951 | .0086599 | -.000254 | -.000430 | -.001798 | .1352546 | .0059124 |
| #2 | .1215346 | .0085605 | .000001 | .000281 | -.000673 | .1243094 | .0065679 |
| #3 | .1408171 | .0080075 | -.000153 | -.001096 | -.000579 | .1326945 | .0038497 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04LX5 Acquired: 4/14/2025 14:48:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1137265 | .0009472 | .0205899 |
| Stddev | .0058850 | .0006093 | .0000615 |
| %RSD | 5.174733 | 64.32452 | .2985458 |
| | | | |
| #1 | .1128847 | .0016503 | .0205947 |
| #2 | .1199871 | .0006157 | .0205262 |
| #3 | .1083077 | .0005755 | .0206488 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2704.952 | 67040.19 | 13580.88 | 1798.625 | 4139.630 |
| Stddev | 8.859 | 167.68 | 134.24 | 11.534 | 3.017 |
| %RSD | .3275120 | .2501217 | .9884840 | .6412430 | .0728878 |
| | | | | | |
| #1 | 2714.974 | 66852.23 | 13516.59 | 1799.211 | 4142.140 |
| #2 | 2698.166 | 67093.93 | 13490.87 | 1786.809 | 4140.467 |
| #3 | 2701.716 | 67174.42 | 13735.18 | 1809.854 | 4136.282 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MS Acquired: 4/14/2025 14:52:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6784911 | 1.597581 | 1.208720 | 1.663722 | .5421964 | 1.632810 | .6245073 |
| Stddev | .0025800 | .005751 | .004798 | .004148 | .0026532 | .007864 | .0005718 |
| %RSD | .3802618 | .3599866 | .3969329 | .2493173 | .4893370 | .4815990 | .0915532 |
| #1 | .6767201 | 1.604220 | 1.212971 | 1.668494 | .5429244 | 1.624932 | .6238646 |
| #2 | .6814513 | 1.594128 | 1.209670 | 1.660980 | .5392552 | 1.640659 | .6249595 |
| #3 | .6773019 | 1.594394 | 1.203518 | 1.661693 | .5444096 | 1.632837 | .6246978 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1577322 | .1729414 | 32.77956 | .3363853 | .1994939 | .2642100 | 2.860022 |
| Stddev | .0002431 | .0006058 | .03776 | .0007398 | .0001479 | .0001877 | .014252 |
| %RSD | .1541144 | .3503131 | .1151967 | .2199366 | .0741200 | .0710508 | .4983334 |
| #1 | .1575242 | .1734077 | 32.74509 | .3357557 | .1996598 | .2642365 | 2.858895 |
| #2 | .1579994 | .1731599 | 32.77367 | .3372001 | .1993759 | .2643831 | 2.874804 |
| #3 | .1576729 | .1722566 | 32.81992 | .3362000 | .1994461 | .2640105 | 2.846366 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9024473 | 9.647821 | .4199280 | .0620860 | 356.8955 | .2484378 | .5566870 |
| Stddev | .0007001 | .071640 | .0009304 | .0004447 | 2.5057 | .0019286 | .0019002 |
| %RSD | .0775794 | .7425512 | .2215504 | .7162149 | .7020749 | .7762941 | .3413403 |
| #1 | .9026757 | 9.587295 | .4209018 | .0623042 | 358.6866 | .2465716 | .5582769 |
| #2 | .9030048 | 9.726918 | .4198338 | .0615744 | 357.9678 | .2504233 | .5545825 |
| #3 | .9016616 | 9.629250 | .4190483 | .0623795 | 354.0321 | .2483184 | .5572018 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.737415 | .2471468 | .2833884 | .4660358 | .1302330 | 1.091256 | 5.235722 |
| Stddev | .030928 | .0006433 | .0008894 | .0019681 | .0010249 | .002805 | .017795 |
| %RSD | .3176236 | .2602912 | .3138370 | .4223158 | .7869439 | .2570502 | .3398860 |
| #1 | 9.746517 | .2464363 | .2835710 | .4683072 | .1305202 | 1.094450 | 5.255911 |
| #2 | 9.762772 | .2476896 | .2824219 | .4648352 | .1310837 | 1.090124 | 5.228940 |
| #3 | 9.702958 | .2473146 | .2841723 | .4649650 | .1290952 | 1.089193 | 5.222314 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MS Acquired: 4/14/2025 14:52:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4815071 | .1683752 | .2625031 |
| Stddev | .0026153 | .0001767 | .0000233 |
| %RSD | .5431466 | .1049228 | .0088939 |
| | | | |
| #1 | .4806381 | .1681784 | .2625056 |
| #2 | .4794370 | .1685202 | .2625250 |
| #3 | .4844463 | .1684268 | .2624786 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2608.639 | 63417.88 | 13189.04 | 1695.204 | 3857.169 |
| Stddev | 3.838 | 136.38 | 9.30 | 4.451 | 8.367 |
| %RSD | .1471183 | .2150519 | .0704978 | .2625793 | .2169213 |
| | | | | | |
| #1 | 2604.467 | 63321.85 | 13191.84 | 1691.644 | 3847.526 |
| #2 | 2612.020 | 63357.82 | 13196.61 | 1700.195 | 3862.503 |
| #3 | 2609.430 | 63573.99 | 13178.66 | 1693.773 | 3861.479 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MSD Acquired: 4/14/2025 14:57:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6999154 | 1.602388 | 1.221002 | 1.707219 | .5510655 | 1.634244 | .6032259 |
| Stddev | .0064046 | .008062 | .001202 | .007048 | .0019052 | .001095 | .0020526 |
| %RSD | .9150481 | .5030972 | .0984543 | .4128296 | .3457272 | .0670185 | .3402674 |
| #1 | .6935292 | 1.598057 | 1.220517 | 1.701569 | .5490398 | 1.633164 | .6050156 |
| #2 | .7063382 | 1.611689 | 1.220117 | 1.704970 | .5528215 | 1.635354 | .6036766 |
| #3 | .6998789 | 1.597417 | 1.222370 | 1.715117 | .5513352 | 1.634214 | .6009854 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1652836 | .1744944 | 32.35618 | .3399983 | .2003505 | .2687518 | 2.750142 |
| Stddev | .0008269 | .0005065 | .06734 | .0002967 | .0003518 | .0005096 | .020262 |
| %RSD | .5002921 | .2902771 | .2081169 | .0872519 | .1755716 | .1896147 | .7367689 |
| #1 | .1643434 | .1745187 | 32.28006 | .3396648 | .2004280 | .2681846 | 2.759603 |
| #2 | .1658982 | .1739761 | 32.40797 | .3400974 | .1999665 | .2688997 | 2.726879 |
| #3 | .1656090 | .1749883 | 32.38051 | .3402327 | .2006571 | .2691711 | 2.763942 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8895325 | 9.683790 | .4240027 | .0627369 | 333.4032 | .2431084 | .5649456 |
| Stddev | .0011815 | .056874 | .0008634 | .0002105 | 4.6219 | .0005568 | .0027581 |
| %RSD | .1328260 | .5873074 | .2036336 | .3354679 | 1.386268 | .2290241 | .4881997 |
| #1 | .8884493 | 9.624046 | .4240529 | .0628118 | 335.9063 | .2437511 | .5676584 |
| #2 | .8893558 | 9.737276 | .4231153 | .0624992 | 336.2338 | .2427705 | .5621444 |
| #3 | .8907924 | 9.690049 | .4248399 | .0628997 | 328.0697 | .2428037 | .5650338 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.342518 | .2570815 | .2862987 | .4708933 | .1289902 | 1.079365 | 5.279580 |
| Stddev | .061035 | .0018946 | .0003715 | .0005079 | .0004872 | .004793 | .007688 |
| %RSD | .6533032 | .7369493 | .1297446 | .1078632 | .3777148 | .4440953 | .1456083 |
| #1 | 9.412865 | .2565264 | .2863122 | .4703639 | .1288734 | 1.084118 | 5.271712 |
| #2 | 9.303631 | .2591917 | .2859206 | .4713766 | .1295252 | 1.079445 | 5.279956 |
| #3 | 9.311059 | .2555266 | .2866632 | .4709394 | .1285720 | 1.074532 | 5.287074 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MSD Acquired: 4/14/2025 14:57:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4902248 | .1662569 | .2556448 |
| Stddev | .0036723 | .0012577 | .0003720 |
| %RSD | .7491020 | .7564745 | .1455243 |
| | | | |
| #1 | .4944644 | .1675652 | .2560734 |
| #2 | .4881767 | .1661489 | .2554562 |
| #3 | .4880333 | .1650567 | .2554049 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2562.816 | 62284.80 | 12616.12 | 1649.500 | 3821.083 |
| Stddev | 4.335 | 128.92 | 55.32 | 5.422 | 7.407 |
| %RSD | .1691432 | .2069833 | .4384734 | .3286925 | .1938403 |
| | | | | | |
| #1 | 2566.499 | 62231.92 | 12679.82 | 1646.078 | 3823.864 |
| #2 | 2563.910 | 62431.75 | 12588.45 | 1655.751 | 3826.696 |
| #3 | 2558.039 | 62190.72 | 12580.11 | 1646.672 | 3812.688 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04A Acquired: 4/14/2025 15:01:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8145957 | 1.823109 | 1.364191 | 1.990299 | .8176444 | 1.900190 | .6491657 |
| Stddev | .0026436 | .020412 | .003292 | .003180 | .0030633 | .014740 | .0019799 |
| %RSD | .3245316 | 1.119619 | .2413459 | .1597948 | .3746468 | .7757296 | .3049945 |
| #1 | .8173576 | 1.806107 | 1.365230 | 1.989799 | .8171960 | 1.905833 | .6484737 |
| #2 | .8143407 | 1.817473 | 1.360505 | 1.987398 | .8209071 | 1.911275 | .6513988 |
| #3 | .8120889 | 1.845747 | 1.366839 | 1.993700 | .8148300 | 1.883462 | .6476248 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1822858 | .2024685 | 33.15771 | .3952465 | .2275994 | .3067308 | 3.297763 |
| Stddev | .0011952 | .0003494 | .06473 | .0011331 | .0011685 | .0008565 | .014438 |
| %RSD | .6557033 | .1725601 | .1952175 | .2866832 | .5134060 | .2792527 | .4378075 |
| #1 | .1833811 | .2023308 | 33.21388 | .3959062 | .2269866 | .3072601 | 3.281284 |
| #2 | .1810109 | .2022090 | 33.17232 | .3939381 | .2268647 | .3057426 | 3.303809 |
| #3 | .1824654 | .2028658 | 33.08692 | .3958952 | .2289468 | .3071897 | 3.308194 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9570906 | 10.06897 | .4915438 | .0727147 | 361.0422 | .2838844 | .5997186 |
| Stddev | .0042017 | .04163 | .0014838 | .0005241 | 4.2822 | .0028736 | .0035822 |
| %RSD | .4390079 | .4134393 | .3018725 | .7208169 | 1.186057 | 1.012238 | .5973091 |
| #1 | .9593680 | 10.11673 | .4913450 | .0728759 | 365.4837 | .2805663 | .6037668 |
| #2 | .9596619 | 10.04034 | .4901694 | .0721290 | 360.7032 | .2855376 | .5969587 |
| #3 | .9522419 | 10.04984 | .4931171 | .0731394 | 356.9396 | .2855494 | .5984304 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.31684 | .2810158 | .4232115 | .6990068 | .1944385 | 1.370756 | 6.131620 |
| Stddev | .06656 | .0021324 | .0011488 | .0009821 | .0008455 | .007142 | .027362 |
| %RSD | .5881424 | .7588271 | .2714377 | .1405046 | .4348315 | .5209899 | .4462499 |
| #1 | 11.26336 | .2825699 | .4225426 | .6980730 | .1936627 | 1.363616 | 6.144116 |
| #2 | 11.39138 | .2785847 | .4245379 | .6989163 | .1943133 | 1.377899 | 6.100241 |
| #3 | 11.29579 | .2818927 | .4225539 | .7000310 | .1953397 | 1.370754 | 6.150504 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04A Acquired: 4/14/2025 15:01:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5313741 | .2008440 | .2917745 |
| Stddev | .0023823 | .0010257 | .0008211 |
| %RSD | .4483210 | .5106904 | .2814163 |
| | | | |
| #1 | .5332583 | .1996763 | .2914410 |
| #2 | .5286964 | .2012563 | .2927099 |
| #3 | .5321677 | .2015994 | .2911726 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2556.806 | 62177.04 | 13192.01 | 1644.691 | 3794.430 |
| Stddev | 1.488 | 347.94 | 74.51 | 9.966 | 7.750 |
| %RSD | .0582140 | .5595962 | .5647845 | .6059646 | .2042389 |
| | | | | | |
| #1 | 2555.186 | 61833.26 | 13107.28 | 1636.365 | 3792.530 |
| #2 | 2557.120 | 62168.88 | 13221.46 | 1641.975 | 3802.953 |
| #3 | 2558.113 | 62528.99 | 13247.29 | 1655.734 | 3787.808 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02 Acquired: 4/14/2025 15:05:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0184295 | -.006315 | .0444089 | .0073609 | .0007832 | 19.99912 |
| Stddev | .0043531 | .001532 | .0015882 | .0045787 | .0022323 | .09954 |
| %RSD | 23.62051 | 24.25479 | 3.576368 | 62.20330 | 285.0389 | .4976998 |
| #1 | .0214032 | -.006146 | .0436147 | .0022765 | -.000473 | 19.91836 |
| #2 | .0204522 | -.004875 | .0462375 | .0111586 | .003361 | 19.96867 |
| #3 | .0134330 | -.007924 | .0433743 | .0086475 | -.000538 | 20.11032 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1894156 | .0028824 | -.000562 | 22.28257 | .0748547 | .0174161 |
| Stddev | .0004871 | .0000481 | .000050 | .05236 | .0003532 | .0000399 |
| %RSD | .2571409 | 1.667919 | 8.890311 | .2349852 | .4719100 | .2292783 |
| #1 | .1889735 | .0028546 | -.000558 | 22.34236 | .0745211 | .0174007 |
| #2 | .1899377 | .0028546 | -.000514 | 22.26043 | .0752248 | .0173861 |
| #3 | .1893356 | .0029379 | -.000613 | 22.24492 | .0748182 | .0174614 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0854809 | 19.70543 | .4740484 | 7.250707 | .0362855 | -.001051 |
| Stddev | .0011298 | .06557 | .0003926 | .022207 | .0002590 | .000264 |
| %RSD | 1.321666 | .3327467 | .0828204 | .3062788 | .7137849 | 25.17312 |
| #1 | .0866735 | 19.65909 | .4745015 | 7.240632 | .0365680 | -.000914 |
| #2 | .0853425 | 19.78045 | .4738321 | 7.235323 | .0360593 | -.001356 |
| #3 | .0844267 | 19.67675 | .4738114 | 7.276166 | .0362292 | -.000882 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 122.8683 | .0449227 | .0911566 | 156.9577 | .0453548 | .0410395 |
| Stddev | .6534 | .0005778 | .0009726 | .8393 | .0004863 | .0001992 |
| %RSD | .5318169 | 1.286260 | 1.066963 | .5347414 | 1.072157 | .4853149 |
| #1 | 122.7100 | .0445842 | .0908934 | 156.8135 | .0457495 | .0409237 |
| #2 | 123.5863 | .0445940 | .0922337 | 157.8598 | .0455033 | .0412695 |
| #3 | 122.3085 | .0455899 | .0903426 | 156.1999 | .0448116 | .0409253 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02 Acquired: 4/14/2025 15:05:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000656 | .1070685 | F 38.05231 | 1.991299 | 20.54173 | .0233489 |
| Stddev | .0005407 | .0005567 | .18342 | .009927 | .06371 | .0007549 |
| %RSD | 824.4703 | .5199902 | .4820276 | .4985351 | .3101329 | 3.232933 |
| #1 | .0003331 | .1064659 | 37.85211 | 1.980752 | 20.58872 | .0226020 |
| #2 | -.000557 | .1075638 | 38.21228 | 1.992684 | 20.46922 | .0241115 |
| #3 | .000420 | .1071757 | 38.09254 | 2.000461 | 20.56725 | .0233330 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3299288 |
| Stddev | .0006270 |
| %RSD | .1900262 |
| #1 | .3306104 |
| #2 | .3293768 |
| #3 | .3297990 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2730.949 | 66965.70 | 14835.69 | 1795.421 | 3883.112 |
| Stddev | 6.384 | 197.90 | 42.67 | 8.405 | 3.706 |
| %RSD | .2337622 | .2955310 | .2876075 | .4681173 | .0954330 |
| #1 | 2725.939 | 67028.45 | 14818.63 | 1801.010 | 3881.782 |
| #2 | 2728.772 | 66744.03 | 14884.24 | 1785.755 | 3880.255 |
| #3 | 2738.137 | 67124.63 | 14804.18 | 1799.497 | 3887.300 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-03 Acquired: 4/14/2025 15:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0186187 | -.007818 | .0731554 | -.003786 | -.002836 | 56.93776 |
| Stddev | .0029569 | .000967 | .0007481 | .002444 | .002223 | .00855 |
| %RSD | 15.88121 | 12.36696 | 1.022588 | 64.55549 | 78.37508 | .0150133 |
| #1 | .0220169 | -.008925 | .0730762 | -.002041 | -.005315 | 56.93151 |
| #2 | .0166323 | -.007392 | .0724501 | -.006579 | -.001020 | 56.94750 |
| #3 | .0172069 | -.007138 | .0739399 | -.002738 | -.002174 | 56.93426 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2430301 | .0033470 | -.000346 | 21.00815 | .1019319 | .0288000 |
| Stddev | .0002531 | .0000379 | .000058 | .05223 | .0001218 | .0001400 |
| %RSD | .1041504 | 1.132148 | 16.70096 | .2486338 | .1194975 | .4859889 |
| #1 | .2431598 | .0033356 | -.000369 | 21.06842 | .1020714 | .0289591 |
| #2 | .2431920 | .0033892 | -.000389 | 20.97991 | .1018466 | .0286957 |
| #3 | .2427384 | .0033161 | -.000280 | 20.97611 | .1018777 | .0287452 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0710989 | 40.39458 | .9177732 | 12.13693 | .0491336 | -.002156 |
| Stddev | .0003305 | .26057 | .0036234 | .06462 | .0001926 | .000255 |
| %RSD | .4648917 | .6450717 | .3948005 | .5324359 | .3920983 | 11.85155 |
| #1 | .0707692 | 40.69137 | .9219405 | 12.21132 | .0490047 | -.001928 |
| #2 | .0714303 | 40.28903 | .9153675 | 12.10490 | .0493550 | -.002432 |
| #3 | .0710972 | 40.20333 | .9160114 | 12.09460 | .0490410 | -.002106 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 66.12134 | .1099330 | .1239617 | 5.776767 | .0228056 | .0119381 |
| Stddev | .37252 | .0007181 | .0007118 | .025693 | .0009205 | .0003569 |
| %RSD | .5633854 | .6532590 | .5742284 | .4447592 | 4.036295 | 2.989229 |
| #1 | 66.53201 | .1094879 | .1233203 | 5.806432 | .0236005 | .0115398 |
| #2 | 65.80518 | .1107615 | .1238373 | 5.762248 | .0217971 | .0120458 |
| #3 | 66.02683 | .1095497 | .1247276 | 5.761621 | .0230192 | .0122287 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-03 Acquired: 4/14/2025 15:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001238 | .1588008 | F 81.14736 | .6506696 | 12.21439 | .0316561 |
| Stddev | .0008438 | .0007973 | .25750 | .0021135 | .00031 | .0007080 |
| %RSD | 681.8205 | .5020733 | .3173219 | .3248216 | .0025714 | 2.236549 |
| #1 | -.000100 | .1592411 | 81.41414 | .6487568 | 12.21466 | .0320243 |
| #2 | .001057 | .1578805 | 80.90027 | .6503134 | 12.21448 | .0321042 |
| #3 | -.000586 | .1592809 | 81.12768 | .6529386 | 12.21405 | .0308399 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3518406 |
| Stddev | .0014324 |
| %RSD | .4071193 |
| #1 | .3534941 |
| #2 | .3509801 |
| #3 | .3510474 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2879.535 | 71076.24 | 15065.36 | 1918.263 | 3994.760 |
| Stddev | 4.214 | 146.44 | 20.83 | 6.304 | 7.305 |
| %RSD | .1463480 | .2060352 | .1382520 | .3286516 | .1828536 |
| #1 | 2882.364 | 70913.96 | 15058.34 | 1911.793 | 4000.553 |
| #2 | 2874.692 | 71116.24 | 15048.95 | 1918.608 | 3986.554 |
| #3 | 2881.549 | 71198.53 | 15088.79 | 1924.388 | 3997.172 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-04 Acquired: 4/14/2025 15:14:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0149154 | -.003699 | .0598089 | .0008355 | -.002578 | 33.26656 |
| Stddev | .0004746 | .000624 | .0003252 | .0044930 | .001994 | .03508 |
| %RSD | 3.182039 | 16.85739 | .5437641 | 537.7524 | 77.32430 | .1054478 |
| #1 | .0144373 | -.004316 | .0599436 | .0016276 | -.002336 | 33.27964 |
| #2 | .0149225 | -.003069 | .0600451 | -.004001 | -.004682 | 33.29323 |
| #3 | .0153864 | -.003713 | .0594380 | .004880 | -.000717 | 33.22682 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2045875 | .0032950 | -.000521 | 25.72016 | .0771598 | .0188807 |
| Stddev | .0010323 | .0000211 | .000085 | .04621 | .0003160 | .0001690 |
| %RSD | .5045548 | .6393517 | 16.35358 | .1796744 | .4095830 | .8950375 |
| #1 | .2057310 | .0032707 | -.000568 | 25.77091 | .0771885 | .0187206 |
| #2 | .2037245 | .0033075 | -.000572 | 25.68051 | .0768304 | .0188640 |
| #3 | .2043069 | .0033069 | -.000422 | 25.70907 | .0774606 | .0190574 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0611448 | 28.23116 | 1.035410 | 9.097831 | .0455025 | -.002048 |
| Stddev | .0001705 | .06293 | .001928 | .015035 | .0004195 | .000082 |
| %RSD | .2787864 | .2229105 | .1862174 | .1652636 | .9220189 | 3.999891 |
| #1 | .0611444 | 28.30280 | 1.036073 | 9.115061 | .0455045 | -.001965 |
| #2 | .0613155 | 28.18483 | 1.033238 | 9.087374 | .0450820 | -.002129 |
| #3 | .0609746 | 28.20584 | 1.036919 | 9.091057 | .0459211 | -.002051 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 50.07892 | .0389745 | .0985781 | 4.567895 | .0129848 | .0243315 |
| Stddev | .23652 | .0013389 | .0007710 | .016305 | .0005472 | .0000803 |
| %RSD | .4722935 | 3.435341 | .7821050 | .3569381 | 4.214434 | .3300268 |
| #1 | 50.34949 | .0402247 | .0979399 | 4.569080 | .0135762 | .0242661 |
| #2 | 49.91146 | .0391372 | .0983598 | 4.583574 | .0124963 | .0244211 |
| #3 | 49.97582 | .0375617 | .0994348 | 4.551030 | .0128818 | .0243072 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-04 Acquired: 4/14/2025 15:14:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001735 | .1154226 | F 53.84866 | .4492844 | 13.20580 | .0263209 |
| Stddev | .000263 | .0022613 | .09818 | .0029749 | .05353 | .0001604 |
| %RSD | 15.15394 | 1.959177 | .1823270 | .6621403 | .4053583 | .6095375 |
| #1 | -.001824 | .1178557 | 53.96062 | .4526040 | 13.24936 | .0264676 |
| #2 | -.001440 | .1150269 | 53.77729 | .4468597 | 13.14604 | .0263455 |
| #3 | -.001943 | .1133853 | 53.80806 | .4483893 | 13.22199 | .0261496 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3578802 |
| Stddev | .0008679 |
| %RSD | .2425187 |
| #1 | .3588796 |
| #2 | .3574457 |
| #3 | .3573153 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2877.342 | 69214.09 | 14107.59 | 1882.038 | 4185.102 |
| Stddev | 1.795 | 69.14 | 6.21 | 5.435 | 3.404 |
| %RSD | .0623876 | .0998901 | .0440157 | .2888075 | .0813250 |
| #1 | 2875.271 | 69141.26 | 14113.30 | 1886.110 | 4182.041 |
| #2 | 2878.304 | 69222.18 | 14100.98 | 1884.138 | 4188.767 |
| #3 | 2878.451 | 69278.83 | 14108.49 | 1875.866 | 4184.498 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02DUP Acquired: 4/14/2025 15:18:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0167756 | -.005641 | .0435002 | .0002718 | -.000098 | 23.41599 |
| Stddev | .0028140 | .000451 | .0007502 | .0037458 | .001892 | .12583 |
| %RSD | 16.77405 | 7.991801 | 1.724542 | 1378.115 | 1935.043 | .5373855 |
| #1 | .0159690 | -.006161 | .0426487 | .0013897 | -.002179 | 23.36494 |
| #2 | .0144531 | -.005405 | .0440637 | .0033314 | .001518 | 23.32369 |
| #3 | .0199048 | -.005357 | .0437881 | -.003906 | .000367 | 23.55932 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1890559 | .0029673 | -.000573 | 21.25367 | .0713653 | .0169879 |
| Stddev | .0003583 | .0000562 | .000084 | .08335 | .0003396 | .0003877 |
| %RSD | .1895070 | 1.893826 | 14.70455 | .3921641 | .4758207 | 2.282175 |
| #1 | .1887237 | .0029597 | -.000551 | 21.22201 | .0717212 | .0173500 |
| #2 | .1894356 | .0029153 | -.000667 | 21.19079 | .0710448 | .0170350 |
| #3 | .1890085 | .0030270 | -.000502 | 21.34821 | .0713298 | .0165789 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0803910 | 19.54951 | .4658029 | 7.483393 | .0328686 | -.001126 |
| Stddev | .0003508 | .05022 | .0009588 | .081797 | .0002497 | .000066 |
| %RSD | .4363999 | .2568802 | .2058392 | 1.093044 | .7597699 | 5.819370 |
| #1 | .0799919 | 19.59090 | .4665181 | 7.423592 | .0328508 | -.001190 |
| #2 | .0806508 | 19.56398 | .4647134 | 7.449980 | .0326282 | -.001130 |
| #3 | .0805303 | 19.49364 | .4661771 | 7.576607 | .0331267 | -.001059 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 114.6957 | .0444776 | .0819570 | 147.1840 | .0439477 | .0405016 |
| Stddev | 1.3639 | .0021918 | .0002702 | 1.1688 | .0005248 | .0003184 |
| %RSD | 1.189176 | 4.927826 | .3297174 | .7940963 | 1.194149 | .7862157 |
| #1 | 115.8407 | .0419621 | .0818227 | 148.1001 | .0445528 | .0407731 |
| #2 | 115.0596 | .0454941 | .0822680 | 147.5843 | .0436732 | .0405806 |
| #3 | 113.1867 | .0459766 | .0817801 | 145.8677 | .0436172 | .0401511 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02DUP Acquired: 4/14/2025 15:18:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001144 | .1085924 | F 41.81251 | 1.974102 | 20.20855 | .0249533 |
| Stddev | .000839 | .0010587 | .09938 | .007687 | .02955 | .0005359 |
| %RSD | 73.33031 | .9749416 | .2376899 | .3893867 | .1462312 | 2.147779 |
| #1 | -.001540 | .1076939 | 41.84235 | 1.965432 | 20.24241 | .0248716 |
| #2 | -.000180 | .1083237 | 41.89355 | 1.976792 | 20.19529 | .0255255 |
| #3 | -.001712 | .1097595 | 41.70162 | 1.980082 | 20.18795 | .0244630 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3228250 |
| Stddev | .0015790 |
| %RSD | .4891064 |
| #1 | .3246298 |
| #2 | .3221463 |
| #3 | .3216988 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2744.224 | 68528.97 | 14531.94 | 1829.538 | 3897.668 |
| Stddev | 4.681 | 26.41 | 103.20 | 2.637 | 2.017 |
| %RSD | .1705767 | .0385350 | .7101316 | .1441324 | .0517495 |
| #1 | 2748.679 | 68506.69 | 14582.78 | 1832.474 | 3895.358 |
| #2 | 2739.346 | 68558.14 | 14599.86 | 1827.372 | 3899.081 |
| #3 | 2744.648 | 68522.10 | 14413.19 | 1828.768 | 3898.564 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV02 Acquired: 4/14/2025 15:22:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.928553 | 4.981892 | 4.926857 | 4.968631 | 4.953050 | 9.731206 | 9.584896 |
| Stddev | .011871 | .018403 | .005947 | .010112 | .010557 | .015788 | .053899 |
| %RSD | .2408570 | .3694022 | .1207064 | .2035262 | .2131333 | .1622377 | .5623317 |
| #1 | 4.917593 | 4.980110 | 4.927023 | 4.964800 | 4.942906 | 9.728256 | 9.523498 |
| #2 | 4.926903 | 5.001122 | 4.920829 | 4.980100 | 4.952271 | 9.717101 | 9.606778 |
| #3 | 4.941162 | 4.964445 | 4.932720 | 4.960995 | 4.963976 | 9.748261 | 9.624413 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2455040 | 2.460829 | 24.06740 | .9951296 | 2.460359 | 1.246820 | 4.878266 |
| Stddev | .0012433 | .005496 | .07972 | .0044887 | .003134 | .001688 | .014927 |
| %RSD | .5064099 | .2233571 | .3312158 | .4510620 | .1273661 | .1353631 | .3059984 |
| #1 | .2459934 | 2.458081 | 24.08572 | .9899475 | 2.459136 | 1.246347 | 4.862278 |
| #2 | .2440906 | 2.457249 | 23.98013 | .9976341 | 2.458022 | 1.245420 | 4.891838 |
| #3 | .2464282 | 2.467158 | 24.13637 | .9978071 | 2.463920 | 1.248694 | 4.880683 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.405642 | 23.98460 | 2.461324 | 1.231538 | 24.44105 | 2.420330 | 2.480259 |
| Stddev | .012511 | .11502 | .003607 | .000443 | .04943 | .003017 | .006662 |
| %RSD | .5200667 | .4795470 | .1465597 | .0359675 | .2022545 | .1246708 | .2686045 |
| #1 | 2.412028 | 23.92593 | 2.460427 | 1.231033 | 24.49812 | 2.423390 | 2.483483 |
| #2 | 2.391227 | 23.91075 | 2.458251 | 1.231860 | 24.41163 | 2.417357 | 2.472598 |
| #3 | 2.413672 | 24.11712 | 2.465296 | 1.231722 | 24.41341 | 2.420242 | 2.484696 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.34892 | 4.876882 | 4.992122 | 4.933397 | 4.819645 | 4.985446 | 4.951902 |
| Stddev | .08382 | .032800 | .007277 | .009489 | .016153 | .016215 | .013558 |
| %RSD | .3442469 | .6725634 | .1457666 | .1923419 | .3351561 | .3252551 | .2737844 |
| #1 | 24.28047 | 4.887660 | 4.986020 | 4.929459 | 4.829532 | 4.974913 | 4.963972 |
| #2 | 24.44241 | 4.840049 | 4.990171 | 4.926512 | 4.801004 | 5.004119 | 4.937233 |
| #3 | 24.32390 | 4.902937 | 5.000176 | 4.944222 | 4.828399 | 4.977306 | 4.954500 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV02 Acquired: 4/14/2025 15:22:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.893043 | 4.848806 | 4.924039 |
| Stddev | .010521 | .012967 | .055866 |
| %RSD | .2150247 | .2674271 | 1.134557 |
| | | | |
| #1 | 4.887751 | 4.862533 | 4.905042 |
| #2 | 4.886217 | 4.836763 | 4.880149 |
| #3 | 4.905159 | 4.847124 | 4.986926 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2669.206 | 64670.17 | 12866.23 | 1720.070 | 4036.528 |
| Stddev | 5.331 | 170.41 | 37.63 | 3.429 | 10.440 |
| %RSD | .1997036 | .2635119 | .2925054 | .1993336 | .2586353 |
| | | | | | |
| #1 | 2668.939 | 64750.04 | 12834.33 | 1716.783 | 4034.388 |
| #2 | 2674.665 | 64474.49 | 12907.74 | 1719.801 | 4047.872 |
| #3 | 2664.014 | 64785.98 | 12856.63 | 1723.625 | 4027.324 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB02 Acquired: 4/14/2025 15:26:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018043 | -.000043 | .0011588 | -.003569 | .0009209 | -.000026 | .0004340 |
| Stddev | .0012629 | .000945 | .0006920 | .002652 | .0028955 | .004675 | .0004635 |
| %RSD | 69.99496 | 2200.332 | 59.71886 | 74.32335 | 314.4211 | 18113.28 | 106.8051 |
| #1 | .0009965 | -.000052 | .0019521 | -.001035 | -.001539 | -.004377 | .0008441 |
| #2 | .0032597 | -.000983 | .0006792 | -.006325 | .004112 | .004917 | .0005267 |
| #3 | .0011568 | .000906 | .0008451 | -.003346 | .000190 | -.000618 | -.000069 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000195 | .0001423 | -.005658 | .0000663 | .0002970 | .0001127 | .0028516 |
| Stddev | .0000391 | .0000843 | .005447 | .0003201 | .0000311 | .0002568 | .0037248 |
| %RSD | 200.5815 | 59.25697 | 96.26720 | 482.7045 | 10.48147 | 227.9163 | 130.6226 |
| #1 | .0000119 | .0000533 | -.011671 | .0000325 | .0003311 | .0002280 | -.001411 |
| #2 | .0000618 | .0001528 | -.001056 | .0004020 | .0002899 | .0002916 | .004487 |
| #3 | -.000015 | .0002210 | -.004246 | -.000236 | .0002701 | -.000182 | .005478 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004486 | .0049079 | .0001438 | -.000135 | .1003759 | -.000532 | -.000109 |
| Stddev | .0001958 | .0041281 | .0004659 | .000507 | .0215459 | .001166 | .000262 |
| %RSD | 43.63548 | 84.11066 | 323.9354 | 374.6823 | 21.46522 | 219.3690 | 239.9144 |
| #1 | .0003383 | .0095505 | .0006599 | .000074 | .0850303 | .000804 | -.000390 |
| #2 | .0006746 | .0035224 | .0000173 | .000234 | .0910897 | -.001049 | .000129 |
| #3 | .0003329 | .0016508 | -.000246 | -.000713 | .1250078 | -.001350 | -.000066 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.025240 | .0048223 | .0005627 | -.000116 | .0007010 | .0158721 | .0015200 |
| Stddev | .006418 | .0001785 | .0002844 | .000451 | .0002405 | .0051030 | .0024191 |
| %RSD | 25.42948 | 3.700782 | 50.54551 | 389.4361 | 34.30439 | 32.15057 | 159.1454 |
| #1 | -.021581 | .0049927 | .0008707 | -.000472 | .0009547 | .0213356 | .0015492 |
| #2 | -.021488 | .0048374 | .0005073 | -.000267 | .0006717 | .0150515 | .0039244 |
| #3 | -.032651 | .0046367 | .0003100 | .000392 | .0004765 | .0112292 | -.000913 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB02 Acquired: 4/14/2025 15:26:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000375 | .0032981 | .0003053 |
| Stddev | .002912 | .0012610 | .0000679 |
| %RSD | 776.7138 | 38.23412 | 22.22264 |
| | | | |
| #1 | -.003130 | .0047283 | .0002313 |
| #2 | .002673 | .0023466 | .0003645 |
| #3 | -.000668 | .0028194 | .0003203 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2770.536 | 66818.32 | 13629.66 | 1806.045 | 4445.340 |
| Stddev | 13.344 | 267.69 | 14.02 | 11.499 | 15.892 |
| %RSD | .4816419 | .4006301 | .1028498 | .6366957 | .3575028 |
| | | | | | |
| #1 | 2756.575 | 66509.23 | 13625.69 | 1793.513 | 4427.879 |
| #2 | 2771.868 | 66971.18 | 13645.23 | 1816.111 | 4449.183 |
| #3 | 2783.164 | 66974.57 | 13618.05 | 1808.510 | 4458.958 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02LX5 Acquired: 4/14/2025 15:31:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047555 | -.000187 | .0095340 | -.001028 | -.000874 | 5.213312 | .0377439 |
| Stddev | .0024811 | .000586 | .0010741 | .002015 | .001144 | .016416 | .0005277 |
| %RSD | 52.17291 | 313.2844 | 11.26559 | 195.9843 | 130.7785 | .3148820 | 1.398167 |
| #1 | .0055212 | -.000847 | .0107332 | .000725 | -.001641 | 5.209243 | .0376972 |
| #2 | .0067634 | .000016 | .0092085 | -.003229 | .000440 | 5.231380 | .0382934 |
| #3 | .0019818 | .000270 | .0086604 | -.000580 | -.001423 | 5.199314 | .0372411 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006892 | -.000178 | 4.455111 | .0150392 | .0033530 | .0176790 | 3.904740 |
| Stddev | .0000874 | .000044 | .020811 | .0002228 | .0001982 | .0002027 | .014241 |
| %RSD | 12.68497 | 24.63572 | .4671288 | 1.481616 | 5.912732 | 1.146389 | .3647060 |
| #1 | .0005886 | -.000131 | 4.433774 | .0149725 | .0035658 | .0178898 | 3.920661 |
| #2 | .0007320 | -.000184 | 4.475353 | .0152877 | .0033197 | .0174856 | 3.893215 |
| #3 | .0007470 | -.000218 | 4.456205 | .0148573 | .0031735 | .0176615 | 3.900345 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0986670 | 1.629021 | .0062988 | -.000400 | 20.89682 | .0096419 | .0170274 |
| Stddev | .0005620 | .000471 | .0002561 | .000526 | .03878 | .0014595 | .0000837 |
| %RSD | .5696020 | .0289363 | 4.066095 | 131.5428 | .1855661 | 15.13739 | .4917495 |
| #1 | .0980422 | 1.629037 | .0060031 | -.000658 | 20.91975 | .0107802 | .0170530 |
| #2 | .0991313 | 1.628542 | .0064504 | -.000748 | 20.91865 | .0079964 | .0169339 |
| #3 | .0988274 | 1.629484 | .0064428 | .000205 | 20.85204 | .0101491 | .0170954 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.25925 | .0120409 | .0082100 | -.000386 | .0228026 | 8.516625 | .3937483 |
| Stddev | .04831 | .0003122 | .0001618 | .001108 | .0004572 | .032273 | .0060165 |
| %RSD | .1772235 | 2.592404 | 1.970141 | 286.9609 | 2.005248 | .3789449 | 1.528017 |
| #1 | 27.31430 | .0123594 | .0080281 | -.001447 | .0222922 | 8.552137 | .4002658 |
| #2 | 27.23958 | .0117355 | .0082646 | .000765 | .0229407 | 8.489084 | .3884062 |
| #3 | 27.22389 | .0120279 | .0083374 | -.000477 | .0231748 | 8.508653 | .3925729 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02LX5 Acquired: 4/14/2025 15:31:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.050875 | .0063229 | .0657512 |
| Stddev | .008654 | .0005760 | .0002795 |
| %RSD | .2136440 | 9.109341 | .4250273 |
| | | | |
| #1 | 4.058030 | .0064214 | .0654425 |
| #2 | 4.041256 | .0068433 | .0659870 |
| #3 | 4.053339 | .0057040 | .0658240 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2752.500 | 67879.32 | 13288.25 | 1837.400 | 4206.906 |
| Stddev | 3.617 | 123.43 | 72.87 | 10.465 | 1.752 |
| %RSD | .1314095 | .1818419 | .5483659 | .5695452 | .0416483 |
| | | | | | |
| #1 | 2754.612 | 67760.60 | 13369.66 | 1833.147 | 4205.628 |
| #2 | 2748.324 | 68006.98 | 13229.14 | 1849.321 | 4206.188 |
| #3 | 2754.566 | 67870.40 | 13265.94 | 1829.731 | 4208.903 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MS Acquired: 4/14/2025 15:35:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7564038 | 1.870041 | .9579840 | 1.799978 | .7597251 | 19.01753 |
| Stddev | .0016454 | .002146 | .0005286 | .003092 | .0010089 | .06955 |
| %RSD | .2175286 | .1147814 | .0551776 | .1717758 | .1327950 | .3657362 |
| #1 | .7553838 | 1.871903 | .9585895 | 1.799049 | .7602848 | 19.07281 |
| #2 | .7555255 | 1.867693 | .9576147 | 1.803428 | .7603300 | 18.93944 |
| #3 | .7583019 | 1.870528 | .9577476 | 1.797457 | .7585604 | 19.04036 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2738195 | .1882277 | .1943016 | 11.48619 | .4104493 | .1970493 |
| Stddev | .0011783 | .0010486 | .0005948 | .01275 | .0013105 | .0002940 |
| %RSD | .4303219 | .5570868 | .3061215 | .1110185 | .3192876 | .1491968 |
| #1 | .2748998 | .1870453 | .1949825 | 11.47869 | .4091474 | .1969381 |
| #2 | .2725630 | .1885928 | .1938830 | 11.47897 | .4117683 | .1968272 |
| #3 | .2739956 | .1890449 | .1940394 | 11.50091 | .4104323 | .1973827 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3169885 | 12.26244 | .4137841 | 5.639522 | .4878435 | .0674967 |
| Stddev | .0006304 | .05462 | .0007445 | .029318 | .0005294 | .0001061 |
| %RSD | .1988826 | .4454642 | .1799254 | .5198617 | .1085228 | .1572594 |
| #1 | .3165328 | 12.32078 | .4145851 | 5.607155 | .4880130 | .0673742 |
| #2 | .3177080 | 12.25403 | .4131132 | 5.647113 | .4872501 | .0675613 |
| #3 | .3167247 | 12.21251 | .4136541 | 5.664298 | .4882674 | .0675546 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 54.33205 | .2965882 | .2443916 | 76.24330 | .2795541 | .4123103 |
| Stddev | .39986 | .0015348 | .0009857 | .38039 | .0017800 | .0004914 |
| %RSD | .7359558 | .5175027 | .4033100 | .4989195 | .6367333 | .1191919 |
| #1 | 54.78865 | .2979519 | .2432540 | 76.66729 | .2779987 | .4119046 |
| #2 | 54.04437 | .2968868 | .2449906 | 75.93194 | .2791683 | .4128568 |
| #3 | 54.16313 | .2949260 | .2449302 | 76.13068 | .2814954 | .4121694 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MS Acquired: 4/14/2025 15:35:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6800320 | .4915290 | F 27.39237 | 6.549181 | 9.531737 | .2080453 |
| Stddev | .0036782 | .0032850 | .08012 | .012328 | .025012 | .0010039 |
| %RSD | .5408900 | .6683331 | .2924891 | .1882322 | .2624073 | .4825493 |
| #1 | .6842045 | .4921206 | 27.48105 | 6.551444 | 9.554754 | .2084359 |
| #2 | .6772586 | .4944780 | 27.32520 | 6.535878 | 9.505120 | .2069048 |
| #3 | .6786329 | .4879883 | 27.37086 | 6.560220 | 9.535336 | .2087953 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3420331 |
| Stddev | .0013554 |
| %RSD | .3962693 |
| #1 | .3431598 |
| #2 | .3405291 |
| #3 | .3424105 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2821.127 | 67792.32 | 13407.92 | 1848.661 | 4169.026 |
| Stddev | 3.871 | 88.75 | 51.97 | 6.490 | 4.241 |
| %RSD | .1372013 | .1309138 | .3875729 | .3510441 | .1017180 |
| #1 | 2823.071 | 67817.19 | 13457.84 | 1855.589 | 4171.321 |
| #2 | 2816.669 | 67865.99 | 13411.78 | 1847.671 | 4171.625 |
| #3 | 2823.640 | 67693.79 | 13354.13 | 1842.723 | 4164.133 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MSD Acquired: 4/14/2025 15:39:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7498257 | 1.856408 | .9460005 | 1.781537 | .7540564 | 18.72369 |
| Stddev | .0049029 | .026467 | .0040614 | .001569 | .0007735 | .01234 |
| %RSD | .6538787 | 1.425720 | .4293252 | .0880890 | .1025825 | .0659180 |
| #1 | .7494100 | 1.876630 | .9445788 | 1.780780 | .7532058 | 18.71155 |
| #2 | .7451438 | 1.866142 | .9428410 | 1.780489 | .7542460 | 18.73622 |
| #3 | .7549232 | 1.826453 | .9505816 | 1.783341 | .7547176 | 18.72330 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2802622 | .1901250 | .1921074 | 12.68281 | .4071937 | .1962905 |
| Stddev | .0005413 | .0004044 | .0005008 | .03215 | .0007417 | .0003894 |
| %RSD | .1931481 | .2127307 | .2606633 | .2535099 | .1821446 | .1983991 |
| #1 | .2796965 | .1905722 | .1919451 | 12.67667 | .4071908 | .1964115 |
| #2 | .2803148 | .1897847 | .1926692 | 12.65417 | .4064535 | .1966050 |
| #3 | .2807753 | .1900182 | .1917079 | 12.71759 | .4079368 | .1958549 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3165317 | 12.96778 | .4396722 | 6.006802 | .4829221 | .0671651 |
| Stddev | .0006404 | .03012 | .0016553 | .058088 | .0009277 | .0002867 |
| %RSD | .2023181 | .2322693 | .3764902 | .9670363 | .1920940 | .4268258 |
| #1 | .3169552 | 12.93536 | .4379715 | 5.973638 | .4836188 | .0669872 |
| #2 | .3168448 | 12.97309 | .4397671 | 5.972893 | .4832784 | .0674958 |
| #3 | .3157949 | 12.99489 | .4412780 | 6.073875 | .4818691 | .0670123 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 59.60721 | .2947597 | .2392745 | 82.78228 | .2834663 | .4116979 |
| Stddev | .16774 | .0021082 | .0005052 | .25111 | .0009363 | .0007679 |
| %RSD | .2814130 | .7152247 | .2111241 | .3033422 | .3302942 | .1865105 |
| #1 | 59.46935 | .2924273 | .2395628 | 82.60455 | .2834986 | .4124619 |
| #2 | 59.79397 | .2965296 | .2395696 | 83.06956 | .2843861 | .4117056 |
| #3 | 59.55833 | .2953222 | .2386912 | 82.67274 | .2825144 | .4109262 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MSD Acquired: 4/14/2025 15:39:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6693240 | .4111063 | F 26.99159 | 6.619986 | 10.56325 | .2070533 |
| Stddev | .0001079 | .0025877 | .02630 | .019862 | .02978 | .0004587 |
| %RSD | .0161227 | .6294500 | .0974481 | .3000245 | .2819313 | .2215542 |
| #1 | .6694430 | .4092806 | 26.96122 | 6.630081 | 10.58872 | .2074385 |
| #2 | .6692324 | .4099707 | 27.00665 | 6.632773 | 10.57052 | .2071755 |
| #3 | .6692966 | .4140677 | 27.00691 | 6.597105 | 10.53051 | .2065458 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3598636 |
| Stddev | .0008011 |
| %RSD | .2226079 |
| #1 | .3589612 |
| #2 | .3604910 |
| #3 | .3601385 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2814.105 | 67824.07 | 13114.99 | 1856.185 | 4147.577 |
| Stddev | 1.952 | 114.01 | 46.09 | 4.603 | 6.390 |
| %RSD | .0693768 | .1680928 | .3514625 | .2479896 | .1540713 |
| #1 | 2816.079 | 67832.15 | 13124.89 | 1857.587 | 4151.183 |
| #2 | 2812.174 | 67933.83 | 13155.33 | 1859.925 | 4140.199 |
| #3 | 2814.063 | 67706.24 | 13064.74 | 1851.044 | 4151.349 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02A Acquired: 4/14/2025 15:43:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7362663 | 1.787098 | .9423693 | 1.716720 | .7365552 | 11.97889 |
| Stddev | .0015219 | .002608 | .0008428 | .012227 | .0021422 | .02668 |
| %RSD | .2066990 | .1459146 | .0894374 | .7122499 | .2908462 | .2227293 |
| #1 | .7378777 | 1.784188 | .9414004 | 1.719334 | .7357952 | 11.99194 |
| #2 | .7348534 | 1.789222 | .9429333 | 1.727430 | .7389738 | 11.94819 |
| #3 | .7360678 | 1.787884 | .9427742 | 1.703398 | .7348965 | 11.99653 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3267536 | .1847610 | .1921135 | 20.65111 | .4167528 | .2028990 |
| Stddev | .0009145 | .0005987 | .0002772 | .05662 | .0007590 | .0004919 |
| %RSD | .2798809 | .3240490 | .1443038 | .2741960 | .1821274 | .2424323 |
| #1 | .3268941 | .1847820 | .1917959 | 20.62722 | .4175774 | .2023311 |
| #2 | .3257769 | .1841521 | .1922374 | 20.61034 | .4165978 | .2031938 |
| #3 | .3275897 | .1853489 | .1923072 | 20.71576 | .4160833 | .2031721 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3365422 | 16.62962 | .6124685 | 7.726978 | .4902852 | .0638915 |
| Stddev | .0005661 | .05409 | .0034942 | .063132 | .0007159 | .0004845 |
| %RSD | .1682023 | .3252689 | .5705169 | .8170347 | .1460180 | .7583271 |
| #1 | .3361968 | 16.69205 | .6115280 | 7.701463 | .4896046 | .0643823 |
| #2 | .3371955 | 16.59670 | .6095407 | 7.680597 | .4902192 | .0638786 |
| #3 | .3362344 | 16.60011 | .6163367 | 7.798875 | .4910319 | .0634136 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 100.5582 | .2986283 | .2562427 | 134.6536 | .2823900 | .4249156 |
| Stddev | .4620 | .0022276 | .0013048 | .4298 | .0015709 | .0002604 |
| %RSD | .4594188 | .7459391 | .5091879 | .3191778 | .5563018 | .0612878 |
| #1 | 101.0634 | .3007848 | .2556198 | 135.0817 | .2814169 | .4246986 |
| #2 | 100.4540 | .2963358 | .2553661 | 134.6570 | .2815508 | .4248439 |
| #3 | 100.1572 | .2987644 | .2577422 | 134.2221 | .2842023 | .4252044 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02A Acquired: 4/14/2025 15:43:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6673356 | .2745184 | F 19.67428 | 7.335330 | 18.14004 | .2072876 |
| Stddev | .0028413 | .0012696 | .04281 | .011878 | .03546 | .0012564 |
| %RSD | .4257700 | .4624743 | .2175966 | .1619247 | .1954955 | .6060999 |
| #1 | .6642363 | .2742251 | 19.72090 | 7.326325 | 18.14220 | .2079230 |
| #2 | .6679530 | .2734211 | 19.66520 | 7.330875 | 18.10355 | .2058404 |
| #3 | .6698174 | .2759089 | 19.63674 | 7.348792 | 18.17438 | .2080994 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4728624 |
| Stddev | .0010182 |
| %RSD | .2153183 |
| #1 | .4736860 |
| #2 | .4717241 |
| #3 | .4731772 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2781.040 | 67309.45 | 13022.72 | 1822.705 | 3993.401 |
| Stddev | 5.573 | 106.24 | 67.70 | 9.990 | 5.130 |
| %RSD | .2003950 | .1578354 | .5198740 | .5481029 | .1284695 |
| #1 | 2774.693 | 67280.89 | 13054.80 | 1822.814 | 3990.896 |
| #2 | 2783.294 | 67427.05 | 13068.42 | 1832.640 | 3999.303 |
| #3 | 2785.132 | 67220.41 | 12944.94 | 1812.661 | 3990.005 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-04 Acquired: 4/14/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005179 | -.010665 | .0014406 | -.000748 | .0077934 | .0230405 | .4758964 |
| Stddev | .000599 | .002103 | .0006540 | .003453 | .0022985 | .0063044 | .0023451 |
| %RSD | 11.57486 | 19.71502 | 45.39913 | 461.4370 | 29.49311 | 27.36219 | .4927816 |
| #1 | -.005780 | -.011020 | .0006864 | -.001728 | .0104475 | .0299647 | .4785429 |
| #2 | -.005176 | -.008407 | .0017834 | -.003606 | .0064814 | .0215241 | .4750700 |
| #3 | -.004581 | -.012567 | .0018519 | .003089 | .0064514 | .0176325 | .4740764 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000190 | -.000181 | 335.6952 | .0104724 | .0007346 | .0017599 | .1953139 |
| Stddev | .000045 | .000114 | 1.5256 | .0004392 | .0001470 | .0001411 | .0101373 |
| %RSD | 23.66149 | 62.82748 | .4544643 | 4.194131 | 20.01000 | 8.020188 | 5.190235 |
| #1 | -.000163 | -.000309 | 336.8474 | .0101282 | .0005696 | .0016002 | .2065916 |
| #2 | -.000165 | -.000091 | 336.2731 | .0109671 | .0007828 | .0018682 | .1869597 |
| #3 | -.000242 | -.000144 | 333.9650 | .0103219 | .0008515 | .0018111 | .1923902 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0024601 | .0078785 | -.000240 | -.000538 | 479.6802 | .0015305 | .0424883 |
| Stddev | .0002251 | .0132074 | .000137 | .000187 | 5.0301 | .0009066 | .0009138 |
| %RSD | 9.148510 | 167.6389 | 57.09152 | 34.70285 | 1.048637 | 59.23519 | 2.150650 |
| #1 | .0023698 | .0176864 | -.000254 | -.000335 | 477.6562 | .0024552 | .0415480 |
| #2 | .0022942 | .0130882 | -.000097 | -.000577 | 485.4070 | .0006431 | .0433731 |
| #3 | .0027163 | -.007139 | -.000369 | -.000702 | 475.9773 | .0014933 | .0425438 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.81906 | .0097571 | .0023326 | -.004762 | -.007378 | .1191411 | .0089386 |
| Stddev | .10266 | .0004011 | .0002679 | .001156 | .000924 | .0052006 | .0026612 |
| %RSD | .4498724 | 4.110596 | 11.48651 | 24.26765 | 12.52740 | 4.365097 | 29.77248 |
| #1 | 22.89330 | .0092993 | .0022309 | -.006032 | -.006457 | .1159978 | .0102826 |
| #2 | 22.86197 | .0099254 | .0021304 | -.003773 | -.007372 | .1162814 | .0106598 |
| #3 | 22.70191 | .0100465 | .0026365 | -.004481 | -.008305 | .1251440 | .0058734 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-04 Acquired: 4/14/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.296773 | -.035670 | 5.872508 |
| Stddev | .003989 | .000575 | .031213 |
| %RSD | .3075950 | 1.612927 | .5315137 |
| | | | |
| #1 | 1.295749 | -.035797 | 5.878620 |
| #2 | 1.301174 | -.036172 | 5.838691 |
| #3 | 1.293396 | -.035042 | 5.900213 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2397.667 | 60045.48 | 12823.57 | 1581.406 | 3508.030 |
| Stddev | 6.634 | 103.16 | 18.31 | 1.213 | 6.074 |
| %RSD | .2766674 | .1718097 | .1428153 | .0766866 | .1731528 |
| | | | | | |
| #1 | 2405.208 | 60069.71 | 12802.79 | 1581.850 | 3512.389 |
| #2 | 2392.733 | 59932.35 | 12837.35 | 1580.034 | 3501.092 |
| #3 | 2395.061 | 60134.37 | 12830.57 | 1582.335 | 3510.610 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-05 Acquired: 4/14/2025 15:52:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002507 | -.011168 | .0021382 | -.008048 | .0073979 | -.030309 | .6815630 |
| Stddev | .000056 | .002677 | .0009058 | .004798 | .0006273 | .004248 | .0030429 |
| %RSD | 2.252400 | 23.97054 | 42.36278 | 59.62083 | 8.479169 | 14.01418 | .4464586 |
| #1 | -.002457 | -.014099 | .0027691 | -.011180 | .0067986 | -.029362 | .6785637 |
| #2 | -.002568 | -.008852 | .0011003 | -.002524 | .0073452 | -.034951 | .6814776 |
| #3 | -.002496 | -.010553 | .0025452 | -.010440 | .0080498 | -.026616 | .6846477 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000219 | -.000124 | 334.6351 | .0138730 | .0022844 | .0011657 | .0699532 |
| Stddev | .000085 | .000119 | 1.7338 | .0001265 | .0002824 | .0001163 | .0018732 |
| %RSD | 38.86848 | 95.68771 | .5181114 | .9116290 | 12.36382 | 9.977151 | 2.677741 |
| #1 | -.000121 | -.000225 | 332.8107 | .0138439 | .0020160 | .0010619 | .0697310 |
| #2 | -.000274 | -.000155 | 336.2612 | .0137637 | .0025791 | .0012914 | .0682010 |
| #3 | -.000262 | .000007 | 334.8334 | .0140115 | .0022580 | .0011437 | .0719275 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001148 | .0105453 | -.000569 | -.000313 | 492.0308 | .0009561 | .0508566 |
| Stddev | .000424 | .0076174 | .000143 | .000269 | 7.7289 | .0007498 | .0007426 |
| %RSD | 36.91658 | 72.23498 | 25.14649 | 86.01503 | 1.570818 | 78.42525 | 1.460249 |
| #1 | -.001505 | .0183408 | -.000536 | -.000597 | 488.4505 | .0018164 | .0502247 |
| #2 | -.000680 | .0101757 | -.000445 | -.000282 | 486.7412 | .0006102 | .0516746 |
| #3 | -.001261 | .0031195 | -.000725 | -.000061 | 500.9006 | .0004416 | .0506704 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 53.60315 | .0122260 | .0022894 | -.003915 | -.007327 | .1234397 | .0095765 |
| Stddev | .77470 | .0002998 | .0003463 | .000683 | .000184 | .0063514 | .0053126 |
| %RSD | 1.445247 | 2.451936 | 15.12614 | 17.43864 | 2.505812 | 5.145331 | 55.47530 |
| #1 | 52.77110 | .0121960 | .0020540 | -.003228 | -.007346 | .1161456 | .0049251 |
| #2 | 53.73471 | .0125396 | .0021272 | -.003924 | -.007501 | .1277483 | .0084385 |
| #3 | 54.30365 | .0119423 | .0026871 | -.004594 | -.007136 | .1264251 | .0153659 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-05 Acquired: 4/14/2025 15:52:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.808944 | -.026138 | 10.58002 |
| Stddev | .004051 | .000966 | .09094 |
| %RSD | .2239373 | 3.694926 | .8595684 |
| | | | |
| #1 | 1.804267 | -.026396 | 10.62012 |
| #2 | 1.811236 | -.026949 | 10.47592 |
| #3 | 1.811329 | -.025070 | 10.64402 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2353.676 | 58049.78 | 12142.36 | 1525.147 | 3441.917 |
| Stddev | 5.085 | 297.16 | 61.79 | 13.313 | 4.101 |
| %RSD | .2160354 | .5119021 | .5088726 | .8729277 | .1191569 |
| | | | | | |
| #1 | 2348.342 | 58386.78 | 12083.07 | 1538.973 | 3438.544 |
| #2 | 2354.218 | 57825.34 | 12137.62 | 1512.414 | 3440.724 |
| #3 | 2358.468 | 57937.23 | 12206.38 | 1524.052 | 3446.482 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BL Acquired: 4/14/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0024009 | -.000260 | .0001106 | .0007768 | .0004451 | .0023080 | -.000404 |
| Stddev | .0007239 | .001612 | .0009191 | .0001705 | .0017854 | .0036136 | .001011 |
| %RSD | 30.15319 | 619.6479 | 831.3806 | 21.94764 | 401.1082 | 156.5666 | 250.3399 |
| #1 | .0021379 | .001583 | -.000697 | .0006445 | -.000126 | -.000999 | -.000037 |
| #2 | .0032195 | -.001404 | .001111 | .0009692 | -.000985 | .001758 | -.001547 |
| #3 | .0018451 | -.000960 | -.000082 | .0007167 | .002446 | .006165 | .000373 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000024 | .0000019 | -.003432 | -.000145 | -.000072 | .0059668 | -.001344 |
| Stddev | .000035 | .0000382 | .006667 | .000211 | .000110 | .0002569 | .000806 |
| %RSD | 148.4623 | 2031.661 | 194.2297 | 145.8639 | 153.2399 | 4.305032 | 60.01157 |
| #1 | -.000032 | .0000042 | -.007812 | -.000083 | .000053 | .0062060 | -.001397 |
| #2 | .000015 | -.000037 | -.006725 | -.000380 | -.000116 | .0056953 | -.000512 |
| #3 | -.000055 | .000039 | .004240 | .000029 | -.000153 | .0059990 | -.002122 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002710 | .0119200 | .0004866 | -.000260 | .3269882 | -.000035 | .0001764 |
| Stddev | .0004674 | .0178628 | .0001191 | .000048 | .0075035 | .000760 | .0003259 |
| %RSD | 172.4335 | 149.8559 | 24.46708 | 18.35481 | 2.294742 | 2149.891 | 184.7929 |
| #1 | .0005421 | -.004951 | .0004347 | -.000313 | .3355389 | -.000598 | .0004512 |
| #2 | .0005396 | .030632 | .0004024 | -.000245 | .3239242 | .000830 | -.000184 |
| #3 | -.000269 | .010079 | .0006229 | -.000221 | .3215015 | -.000338 | .000262 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1178066 | -.001070 | -.000023 | -.000522 | -.000260 | .0047525 | .0027674 |
| Stddev | .0322250 | .000495 | .000186 | .000532 | .000355 | .0028171 | .0018405 |
| %RSD | 27.35412 | 46.20374 | 825.0474 | 101.9793 | 136.7429 | 59.27575 | 66.50578 |
| #1 | .0807355 | -.000541 | -.000040 | -.001127 | -.000490 | .0076740 | .0048453 |
| #2 | .1391257 | -.001521 | -.000200 | -.000314 | .000149 | .0020530 | .0021144 |
| #3 | .1335587 | -.001149 | .000172 | -.000125 | -.000439 | .0045305 | .0013425 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BL Acquired: 4/14/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0012110 | .0088726 | .0000824 |
| Stddev | .0022123 | .0007889 | .0000342 |
| %RSD | 182.6914 | 8.891866 | 41.47084 |
| | | | |
| #1 | .0033819 | .0097730 | .0000436 |
| #2 | .0012915 | .0085426 | .0000957 |
| #3 | -.001041 | .0083023 | .0001080 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2793.061 | 68356.76 | 12882.60 | 1849.464 | 4476.408 |
| Stddev | 8.867 | 207.26 | 48.65 | 9.620 | 9.421 |
| %RSD | .3174493 | .3032047 | .3776058 | .5201678 | .2104672 |
| | | | | | |
| #1 | 2788.410 | 68140.37 | 12826.99 | 1843.607 | 4472.921 |
| #2 | 2787.487 | 68553.49 | 12917.29 | 1860.567 | 4469.227 |
| #3 | 2803.285 | 68376.42 | 12903.52 | 1844.217 | 4487.076 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BS Acquired: 4/14/2025 16:01:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8159887 | 2.056020 | 1.009260 | 2.048776 | .8212044 | 1.917307 |
| Stddev | .0009664 | .011277 | .002335 | .000999 | .0023097 | .006837 |
| %RSD | .1184299 | .5484689 | .2313596 | .0487369 | .2812551 | .3566192 |
| #1 | .8170620 | 2.067648 | 1.009463 | 2.047854 | .8216364 | 1.924658 |
| #2 | .8157165 | 2.055282 | 1.006831 | 2.049837 | .8232677 | 1.916127 |
| #3 | .8151876 | 2.045131 | 1.011487 | 2.048636 | .8187093 | 1.911136 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1935461 | .1950760 | .2048770 | 1.000355 | .4012435 | .1984969 |
| Stddev | .0016281 | .0006293 | .0001602 | .005769 | .0009486 | .0000992 |
| %RSD | .8411686 | .3225825 | .0781876 | .5766641 | .2364170 | .0499918 |
| #1 | .1947464 | .1952477 | .2050005 | .993921 | .4023318 | .1986093 |
| #2 | .1941990 | .1956017 | .2046960 | 1.002077 | .4008062 | .1984600 |
| #3 | .1916930 | .1943787 | .2049345 | 1.005065 | .4005924 | .1984214 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3101804 | 3.025496 | .1989749 | 1.900971 | .4968422 | .0743582 |
| Stddev | .0002625 | .017142 | .0009710 | .004422 | .0003393 | .0002796 |
| %RSD | .0846223 | .5665884 | .4879937 | .2326406 | .0682898 | .3760355 |
| #1 | .3101091 | 3.045284 | .2000592 | 1.896128 | .4966352 | .0743394 |
| #2 | .3104712 | 3.015177 | .1986797 | 1.904795 | .4966577 | .0740885 |
| #3 | .3099610 | 3.016027 | .1981857 | 1.901991 | .4972338 | .0746468 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.999620 | .2924887 | .2021113 | 9.695306 | .2841417 | .4114842 |
| Stddev | .017749 | .0009626 | .0005190 | .036473 | .0007419 | .0012855 |
| %RSD | .5917075 | .3290985 | .2567790 | .3761975 | .2611035 | .3124091 |
| #1 | 2.987918 | .2927754 | .2026401 | 9.727698 | .2848271 | .4127520 |
| #2 | 2.990899 | .2914154 | .2016027 | 9.655799 | .2833539 | .4101817 |
| #3 | 3.020042 | .2932754 | .2020910 | 9.702420 | .2842439 | .4115188 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BS Acquired: 4/14/2025 16:01:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7035654 | .1975947 | F .6945906 | 5.995569 | F -.003115 | .2095688 |
| Stddev | .0008370 | .0005721 | .0093578 | .000823 | .003755 | .0007670 |
| %RSD | .1189668 | .2895054 | 1.347242 | .0137287 | 120.5597 | .3659793 |
| #1 | .7039996 | .1976705 | .6968241 | 5.995567 | -.003141 | .2098186 |
| #2 | .7026005 | .1969885 | .6843181 | 5.996394 | .000653 | .2101797 |
| #3 | .7040960 | .1981250 | .7026295 | 5.994747 | -.006857 | .2087080 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2030801 |
| Stddev | .0003725 |
| %RSD | .1834234 |
| #1 | .2035085 |
| #2 | .2028995 |
| #3 | .2028323 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2766.343 | 67205.05 | 13544.90 | 1855.833 | 4314.741 |
| Stddev | 7.930 | 78.50 | 37.59 | 3.476 | 9.262 |
| %RSD | .2866432 | .1168074 | .2774912 | .1873026 | .2146601 |
| #1 | 2762.431 | 67163.75 | 13556.55 | 1856.927 | 4310.608 |
| #2 | 2761.130 | 67295.57 | 13502.87 | 1858.630 | 4308.265 |
| #3 | 2775.468 | 67155.82 | 13575.28 | 1851.941 | 4325.350 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-04 Acquired: 4/14/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002352 | -.007647 | -.000021 | .0039831 | .0002165 | .1268165 | .3388255 |
| Stddev | .002905 | .001679 | .001484 | .0023441 | .0014107 | .0007197 | .0002179 |
| %RSD | 123.5359 | 21.95264 | 6990.198 | 58.85057 | 651.6982 | .5675278 | .0643132 |
| #1 | -.001471 | -.006929 | -.001501 | .0017918 | -.000527 | .1271635 | .3386150 |
| #2 | -.005595 | -.009565 | -.000029 | .0064548 | .001843 | .1272969 | .3390501 |
| #3 | .000011 | -.006446 | .001467 | .0037028 | -.000667 | .1259890 | .3388114 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000936 | .0001920 | 3.723620 | .0001583 | .0031213 | .0160125 | .0035978 |
| Stddev | .0000364 | .0000285 | .010553 | .0003783 | .0000787 | .0001238 | .0065003 |
| %RSD | 38.85898 | 14.84528 | .2833977 | 238.8833 | 2.520573 | .7729572 | 180.6713 |
| #1 | .0001172 | .0002164 | 3.716594 | -.000010 | .0031000 | .0161259 | .0024131 |
| #2 | .0000517 | .0001607 | 3.718511 | .000592 | .0032084 | .0158805 | .0106090 |
| #3 | .0001119 | .0001990 | 3.735755 | -.000107 | .0030554 | .0160310 | -.002229 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3812545 | 1.490385 | .0027483 | -.000628 | 357.9920 | .0013552 | .2238255 |
| Stddev | .0002969 | .009603 | .0004018 | .000349 | 4.5210 | .0006507 | .0006342 |
| %RSD | .0778692 | .6443157 | 14.61980 | 55.55322 | 1.262879 | 48.01362 | .2833326 |
| #1 | .3812153 | 1.497040 | .0031804 | -.000699 | 357.3498 | .0020618 | .2231192 |
| #2 | .3809792 | 1.479377 | .0026783 | -.000249 | 353.8264 | .0012235 | .2243461 |
| #3 | .3815690 | 1.494739 | .0023860 | -.000936 | 362.7997 | .0007805 | .2240111 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6824296 | .0291893 | -.000361 | -.000887 | -.000915 | .4074514 | .0119928 |
| Stddev | .0193522 | .0000239 | .000178 | .000495 | .000317 | .0037761 | .0042842 |
| %RSD | 2.835775 | .0819838 | 49.36275 | 55.78022 | 34.65455 | .9267555 | 35.72304 |
| #1 | .7037107 | .0291802 | -.000564 | -.001352 | -.000967 | .4034152 | .0115138 |
| #2 | .6776917 | .0291713 | -.000284 | -.000940 | -.001203 | .4080410 | .0079683 |
| #3 | .6658863 | .0292165 | -.000234 | -.000367 | -.000575 | .4108980 | .0164964 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-04 Acquired: 4/14/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4266255 | -.002651 | .0337850 |
| Stddev | .0062149 | .000357 | .0001457 |
| %RSD | 1.456756 | 13.44925 | .4311877 |
| | | | |
| #1 | .4201461 | -.003059 | .0336176 |
| #2 | .4325369 | -.002398 | .0338831 |
| #3 | .4271934 | -.002496 | .0338542 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2641.446 | 64994.58 | 13019.18 | 1756.166 | 3898.935 |
| Stddev | 3.471 | 217.74 | 70.52 | 9.426 | 7.915 |
| %RSD | .1313931 | .3350074 | .5416445 | .5367156 | .2029930 |
| | | | | | |
| #1 | 2638.452 | 64754.26 | 12942.95 | 1746.474 | 3896.886 |
| #2 | 2645.250 | 65178.74 | 13082.08 | 1765.300 | 3907.673 |
| #3 | 2640.634 | 65050.73 | 13032.51 | 1756.723 | 3892.247 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-08 Acquired: 4/14/2025 16:09:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0011340 | -.007072 | .0088729 | -.002263 | .0036431 | .0439026 | .2502245 |
| Stddev | .0031633 | .001293 | .0003287 | .004686 | .0012149 | .0023266 | .0011625 |
| %RSD | 278.9390 | 18.28928 | 3.704771 | 207.0850 | 33.34759 | 5.299451 | .4645741 |
| #1 | .0047081 | -.008280 | .0092206 | -.003978 | .0035013 | .0424988 | .2491356 |
| #2 | -.000000 | -.007229 | .0088308 | .003039 | .0049226 | .0426209 | .2514487 |
| #3 | -.001306 | -.005707 | .0085672 | -.005849 | .0025053 | .0465882 | .2500893 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000181 | .0001652 | 10.19380 | -.000122 | .0066659 | .0136622 | .0119959 |
| Stddev | .000037 | .0000867 | .04149 | .000343 | .0000863 | .0002211 | .0019916 |
| %RSD | 20.49540 | 52.50152 | .4069694 | 282.2325 | 1.294333 | 1.618252 | 16.60221 |
| #1 | -.000224 | .0000666 | 10.18104 | -.000423 | .0067398 | .0139149 | .0096972 |
| #2 | -.000156 | .0002298 | 10.24016 | -.000194 | .0065711 | .0135043 | .0130875 |
| #3 | -.000165 | .0001992 | 10.16019 | .000252 | .0066868 | .0135674 | .0132029 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.372803 | 3.391618 | .0071593 | .0002595 | 375.7451 | .0001141 | .0635324 |
| Stddev | .008789 | .009279 | .0001936 | .0002987 | 4.7053 | .0016193 | .0003194 |
| %RSD | .3704117 | .2735921 | 2.704379 | 115.0834 | 1.252252 | 1419.478 | .5027114 |
| #1 | 2.374091 | 3.401010 | .0071544 | .0005811 | 377.8506 | -.001742 | .0631636 |
| #2 | 2.380878 | 3.391388 | .0069682 | -.000009 | 379.0299 | .001235 | .0637132 |
| #3 | 2.363442 | 3.382456 | .0073553 | .000207 | 370.3547 | .000850 | .0637204 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.147102 | .0285738 | -.000345 | .0003571 | -.000400 | .5850195 | .0196060 |
| Stddev | .003806 | .0009964 | .000361 | .0008476 | .000633 | .0049395 | .0018882 |
| %RSD | .3317583 | 3.487048 | 104.6138 | 237.3405 | 158.1368 | .8443258 | 9.630513 |
| #1 | 1.146480 | .0280230 | -.000173 | .0008038 | .000323 | .5880958 | .0217042 |
| #2 | 1.143645 | .0297240 | -.000759 | -.000620 | -.000674 | .5876408 | .0190700 |
| #3 | 1.151180 | .0279744 | -.000102 | .000888 | -.000850 | .5793220 | .0180437 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-08 Acquired: 4/14/2025 16:09:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2739794 | -.001221 | .0538869 |
| Stddev | .0042832 | .000590 | .0001907 |
| %RSD | 1.563328 | 48.28059 | .3539169 |
| | | | |
| #1 | .2707731 | -.001713 | .0537562 |
| #2 | .2723215 | -.000568 | .0541057 |
| #3 | .2788438 | -.001384 | .0537987 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2568.294 | 63335.39 | 12888.91 | 1721.133 | 3810.792 |
| Stddev | 8.358 | 164.91 | 90.30 | 1.443 | 19.663 |
| %RSD | .3254125 | .2603683 | .7006094 | .0838597 | .5159804 |
| | | | | | |
| #1 | 2576.500 | 63204.40 | 12850.62 | 1719.515 | 3830.877 |
| #2 | 2568.590 | 63281.18 | 12824.06 | 1721.598 | 3809.917 |
| #3 | 2559.793 | 63520.57 | 12992.04 | 1722.287 | 3791.581 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV03 Acquired: 4/14/2025 16:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.886876 | 4.869625 | 4.931722 | 4.902912 | 4.914872 | 9.757213 | 9.873915 |
| Stddev | .013240 | .051761 | .016966 | .011144 | .013114 | .014714 | .117677 |
| %RSD | .2709294 | 1.062939 | .3440221 | .2272994 | .2668132 | .1507990 | 1.191801 |
| #1 | 4.875764 | 4.812880 | 4.939415 | 4.890329 | 4.918155 | 9.772768 | 9.869280 |
| #2 | 4.883340 | 4.881743 | 4.912272 | 4.906869 | 4.900428 | 9.743518 | 9.758624 |
| #3 | 4.901525 | 4.914252 | 4.943478 | 4.911537 | 4.926031 | 9.755353 | 9.993842 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2484420 | 2.472973 | 24.42673 | .9833581 | 2.476052 | 1.246382 | 4.971120 |
| Stddev | .0015434 | .008271 | .12422 | .0013258 | .006283 | .003439 | .011998 |
| %RSD | .6212207 | .3344497 | .5085426 | .1348250 | .2537505 | .2759244 | .2413523 |
| #1 | .2485103 | 2.476821 | 24.38299 | .9818793 | 2.479401 | 1.244925 | 4.957338 |
| #2 | .2468657 | 2.463479 | 24.33030 | .9837546 | 2.468804 | 1.243911 | 4.976794 |
| #3 | .2499502 | 2.478618 | 24.56691 | .9844405 | 2.479951 | 1.250310 | 4.979229 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.461418 | 24.20106 | 2.471467 | 1.234428 | 26.48218 | 2.448925 | 2.471957 |
| Stddev | .009967 | .12661 | .005940 | .001176 | .14124 | .008560 | .004391 |
| %RSD | .4049304 | .5231687 | .2403454 | .0952281 | .5333574 | .3495302 | .1776461 |
| #1 | 2.454432 | 24.12598 | 2.473988 | 1.233465 | 26.38009 | 2.445593 | 2.470131 |
| #2 | 2.456990 | 24.12996 | 2.464682 | 1.234080 | 26.64338 | 2.442533 | 2.476966 |
| #3 | 2.472831 | 24.34724 | 2.475731 | 1.235738 | 26.42309 | 2.458650 | 2.468772 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.07955 | 4.973866 | 4.946534 | 4.950649 | 4.906966 | 4.867039 | 5.063554 |
| Stddev | .15317 | .035019 | .008300 | .017054 | .008637 | .033029 | .014737 |
| %RSD | .5873090 | .7040538 | .1677931 | .3444855 | .1760074 | .6786209 | .2910313 |
| #1 | 25.98766 | 4.976548 | 4.945290 | 4.950880 | 4.904919 | 4.847196 | 5.054817 |
| #2 | 26.25637 | 4.937584 | 4.938926 | 4.933481 | 4.899537 | 4.905167 | 5.055277 |
| #3 | 25.99463 | 5.007467 | 4.955386 | 4.967587 | 4.916443 | 4.848755 | 5.080568 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV03 Acquired: 4/14/2025 16:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.937239 | 4.931351 | 4.972798 |
| Stddev | .003048 | .003590 | .044961 |
| %RSD | .0617364 | .0727994 | .9041473 |
| | | | |
| #1 | 4.937832 | 4.928851 | 4.949951 |
| #2 | 4.933938 | 4.935465 | 4.943848 |
| #3 | 4.939947 | 4.929738 | 5.024596 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2695.468 | 64918.40 | 12790.59 | 1776.210 | 4029.428 |
| Stddev | 6.378 | 189.57 | 85.44 | 6.754 | 10.678 |
| %RSD | .2366265 | .2920149 | .6679764 | .3802638 | .2650119 |
| | | | | | |
| #1 | 2689.531 | 65131.75 | 12809.49 | 1783.125 | 4020.293 |
| #2 | 2702.211 | 64854.10 | 12864.99 | 1769.629 | 4041.168 |
| #3 | 2694.663 | 64769.34 | 12697.28 | 1775.876 | 4026.824 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB03 Acquired: 4/14/2025 16:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0015495 | -.000101 | -.000564 | -.001236 | .0024498 | .0030914 | .0002361 |
| Stddev | .0013001 | .000993 | .000947 | .003544 | .0011233 | .0011149 | .0003333 |
| %RSD | 83.90787 | 985.5765 | 167.8956 | 286.7461 | 45.85339 | 36.06439 | 141.1362 |
| #1 | .0029899 | .000080 | -.001106 | .002361 | .0033959 | .0025889 | -.000148 |
| #2 | .0011957 | .000789 | -.001115 | -.001343 | .0027453 | .0023163 | .000417 |
| #3 | .0004629 | -.001172 | .000529 | -.004725 | .0012083 | .0043691 | .000440 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000312 | .0000710 | -.001042 | -.000166 | .0002150 | .0003891 | -.003192 |
| Stddev | .0000191 | .0000155 | .011626 | .000118 | .0001468 | .0000243 | .001191 |
| %RSD | 61.36632 | 21.86912 | 1115.506 | 71.04416 | 68.26843 | 6.248536 | 37.32196 |
| #1 | .0000091 | .0000650 | .002468 | -.000039 | .0003769 | .0003612 | -.003975 |
| #2 | .0000428 | .0000886 | .008425 | -.000272 | .0001773 | .0004051 | -.001821 |
| #3 | .0000417 | .0000594 | -.014019 | -.000187 | .0000907 | .0004012 | -.003780 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0008344 | .0092190 | -.000239 | -.000021 | .0388314 | .0006395 | -.000132 |
| Stddev | .0003827 | .0143963 | .000112 | .000369 | .0110502 | .0008990 | .000271 |
| %RSD | 45.86580 | 156.1580 | 46.82644 | 1766.052 | 28.45701 | 140.5725 | 204.8723 |
| #1 | .0005586 | -.005840 | -.000123 | .000281 | .0260756 | .0004739 | .000177 |
| #2 | .0006732 | .010652 | -.000249 | .000089 | .0449327 | -.000165 | -.000247 |
| #3 | .0012713 | .022845 | -.000347 | -.000433 | .0454858 | .001610 | -.000327 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.054859 | .0098828 | .0002340 | -.000027 | -.000718 | .0185497 | .0039960 |
| Stddev | .009749 | .0003853 | .0001716 | .000343 | .000944 | .0027494 | .0009690 |
| %RSD | 17.77058 | 3.898858 | 73.33120 | 1260.544 | 131.3943 | 14.82205 | 24.24879 |
| #1 | -.044195 | .0102603 | .0002431 | .000368 | -.001735 | .0208824 | .0046983 |
| #2 | -.063314 | .0098979 | .0000580 | -.000214 | .000129 | .0192482 | .0043992 |
| #3 | -.057067 | .0094901 | .0004008 | -.000236 | -.000549 | .0155183 | .0028905 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB03 Acquired: 4/14/2025 16:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002356 | .0017227 | .0001745 |
| Stddev | .002663 | .0004114 | .0000304 |
| %RSD | 113.0377 | 23.88076 | 17.43244 |
| | | | |
| #1 | -.004862 | .0013200 | .0001724 |
| #2 | -.002646 | .0017059 | .0001453 |
| #3 | .000440 | .0021423 | .0002060 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2787.498 | 67668.71 | 13199.62 | 1861.177 | 4438.036 |
| Stddev | 2.400 | 92.03 | 29.42 | 2.100 | 6.451 |
| %RSD | .0861148 | .1360064 | .2229062 | .1128504 | .1453533 |
| | | | | | |
| #1 | 2788.225 | 67585.01 | 13231.10 | 1858.962 | 4436.968 |
| #2 | 2789.451 | 67653.84 | 13194.92 | 1861.427 | 4444.954 |
| #3 | 2784.818 | 67767.27 | 13172.82 | 1863.141 | 4432.185 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-01 Acquired: 4/14/2025 16:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0446263 | .0053076 | .1234240 | .0012678 | -.006766 | 116.3110 | .5519395 |
| Stddev | .0013343 | .0009925 | .0018161 | .0084917 | .003694 | .1284 | .0021444 |
| %RSD | 2.989969 | 18.69995 | 1.471419 | 669.8033 | 54.59395 | .1103899 | .3885180 |
| #1 | .0434020 | .0047259 | .1222796 | .0108576 | -.005741 | 116.4584 | .5526551 |
| #2 | .0444284 | .0047433 | .1255180 | -.005298 | -.010864 | 116.2239 | .5495288 |
| #3 | .0460485 | .0064536 | .1224745 | -.001756 | -.003693 | 116.2506 | .5536346 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0108032 | .0000429 | 12.14235 | .2008933 | .1229991 | .3853844 | 238.8693 |
| Stddev | .0001791 | .0002928 | .02661 | .0003763 | .0005378 | .0008661 | 1.4173 |
| %RSD | 1.657863 | 682.9229 | .2191503 | .1873065 | .4372452 | .2247393 | .5933507 |
| #1 | .0106386 | -.000254 | 12.16199 | .2005288 | .1233704 | .3854437 | 240.4502 |
| #2 | .0107772 | .000332 | 12.11207 | .2012803 | .1223823 | .3844902 | 237.7121 |
| #3 | .0109939 | .000051 | 12.15300 | .2008708 | .1232445 | .3862194 | 238.4457 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.865392 | 43.18579 | .2353525 | -.010919 | 1.192165 | .3083714 | .6544134 |
| Stddev | .019279 | .15751 | .0003096 | .000097 | .015737 | .0011727 | .0029665 |
| %RSD | .3286849 | .3647201 | .1315465 | .8849249 | 1.320075 | .3802772 | .4533006 |
| #1 | 5.871392 | 43.09054 | .2350602 | -.010906 | 1.208679 | .3070581 | .6577976 |
| #2 | 5.843826 | 43.09924 | .2353203 | -.011022 | 1.190477 | .3093135 | .6531798 |
| #3 | 5.880956 | 43.36759 | .2356769 | -.010830 | 1.177340 | .3087426 | .6522628 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.70700 | -.302121 | .0042453 | -.002687 | 4.193295 | 6.547040 | 6.823449 |
| Stddev | .11667 | .007508 | .0002439 | .001108 | .005642 | .037569 | .023489 |
| %RSD | .9966256 | 2.485031 | 5.745989 | 41.23754 | .1345556 | .5738393 | .3442365 |
| #1 | 11.84095 | -.294339 | .0044891 | -.001408 | 4.197064 | 6.587429 | 6.842413 |
| #2 | 11.65255 | -.302702 | .0040012 | -.003358 | 4.186808 | 6.540557 | 6.797174 |
| #3 | 11.62751 | -.309321 | .0042455 | -.003295 | 4.196013 | 6.513134 | 6.830761 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-01 Acquired: 4/14/2025 16:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4547761 | .2939697 | .0738999 |
| Stddev | .0081517 | .0010640 | .0002678 |
| %RSD | 1.792468 | .3619525 | .3624119 |
| | | | |
| #1 | .4537626 | .2941336 | .0741792 |
| #2 | .4471785 | .2928332 | .0736453 |
| #3 | .4633872 | .2949423 | .0738751 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3092.463 | 74043.64 | 14243.54 | 2027.863 | 4028.875 |
| Stddev | 3.581 | 226.42 | 54.09 | 16.361 | 7.344 |
| %RSD | .1158030 | .3057904 | .3797492 | .8068339 | .1822804 |
| | | | | | |
| #1 | 3089.493 | 73794.98 | 14303.69 | 2009.301 | 4020.937 |
| #2 | 3096.440 | 74098.03 | 14228.04 | 2040.192 | 4035.427 |
| #3 | 3091.457 | 74237.91 | 14198.89 | 2034.097 | 4030.261 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-05 Acquired: 4/14/2025 16:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0682958 | .0145125 | .1980848 | .0050138 | -.013901 | 132.8121 | .9698961 |
| Stddev | .0024807 | .0015955 | .0018960 | .0023535 | .002187 | .1708 | .0004398 |
| %RSD | 3.632207 | 10.99388 | .9571435 | 46.94082 | 15.72951 | .1286263 | .0453416 |
| #1 | .0705011 | .0137738 | .1959167 | .0077098 | -.016151 | 132.6926 | .9699889 |
| #2 | .0687763 | .0134203 | .1994317 | .0039611 | -.013770 | 132.7359 | .9702820 |
| #3 | .0656101 | .0163435 | .1989059 | .0033703 | -.011783 | 133.0077 | .9694173 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0112406 | -.005089 | 23.54524 | .2682996 | .1312069 | .2304373 | 313.3733 |
| Stddev | .0000248 | .000101 | .07251 | .0002483 | .0003935 | .0006566 | .7042 |
| %RSD | .2205497 | 1.986088 | .3079731 | .0925603 | .2999323 | .2849506 | .2247107 |
| #1 | .0112562 | -.005001 | 23.62799 | .2684037 | .1308066 | .2300467 | 312.5672 |
| #2 | .0112120 | -.005066 | 23.49278 | .2684789 | .1315933 | .2300698 | 313.8687 |
| #3 | .0112537 | -.005199 | 23.51495 | .2680161 | .1312206 | .2311954 | 313.6839 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.828061 | 59.03980 | .2884429 | -.009843 | 1.346632 | .3606539 | .6452732 |
| Stddev | .023078 | .22928 | .0002349 | .000120 | .013553 | .0006168 | .0016390 |
| %RSD | .3379874 | .3883415 | .0814350 | 1.219592 | 1.006402 | .1710239 | .2540034 |
| #1 | 6.854682 | 59.29328 | .2882044 | -.009772 | 1.352609 | .3613546 | .6452432 |
| #2 | 6.813718 | 58.84688 | .2884503 | -.009775 | 1.356169 | .3601930 | .6436494 |
| #3 | 6.815781 | 58.97926 | .2886740 | -.009982 | 1.331119 | .3604141 | .6469270 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.21543 | -.245996 | .0065397 | .0040348 | 2.806998 | 4.802849 | 6.830051 |
| Stddev | .10338 | .012462 | .0003522 | .0003577 | .002118 | .036636 | .016233 |
| %RSD | .6375666 | 5.065769 | 5.385853 | 8.865258 | .0754608 | .7627968 | .2376696 |
| #1 | 16.09607 | -.259050 | .0063893 | .0041758 | 2.809356 | 4.761135 | 6.812481 |
| #2 | 16.27367 | -.234226 | .0062878 | .0043005 | 2.805257 | 4.829802 | 6.833184 |
| #3 | 16.27657 | -.244713 | .0069422 | .0036281 | 2.806382 | 4.817611 | 6.844490 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-05 Acquired: 4/14/2025 16:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .3765299 | .4602594 | .1471540 |
| Stddev | .0020971 | .0022437 | .0002363 |
| %RSD | .5569419 | .4874801 | .1605996 |
| | | | |
| #1 | .3750575 | .4580252 | .1474195 |
| #2 | .3756012 | .4625124 | .1469667 |
| #3 | .3789309 | .4602405 | .1470759 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2989.547 | 72214.94 | 15205.97 | 1971.041 | 3943.227 |
| Stddev | 4.116 | 11.80 | 90.69 | 4.516 | 5.469 |
| %RSD | .1376774 | .0163349 | .5964146 | .2291351 | .1386827 |
| | | | | | |
| #1 | 2985.670 | 72203.84 | 15101.77 | 1965.904 | 3939.754 |
| #2 | 2989.105 | 72213.66 | 15267.08 | 1974.390 | 3940.397 |
| #3 | 2993.866 | 72227.33 | 15249.07 | 1972.828 | 3949.531 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01 Acquired: 4/14/2025 16:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0789032 | -.013776 | 6.930351 | .0025048 | .0593756 | 137.7112 |
| Stddev | .0059775 | .001202 | .022438 | .0035260 | .0030218 | .1123 |
| %RSD | 7.575738 | 8.726690 | .3237601 | 140.7743 | 5.089367 | .0815799 |
| #1 | .0730155 | -.012565 | 6.905862 | .0051830 | .0562909 | 137.6299 |
| #2 | .0787274 | -.013793 | 6.935269 | .0038213 | .0595055 | 137.6644 |
| #3 | .0849666 | -.014970 | 6.949921 | -.001490 | .0623304 | 137.8394 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.206752 | .0074232 | .0171688 | 112.8602 | .7239206 | .1022468 |
| Stddev | .002444 | .0000375 | .0002413 | .4029 | .0005262 | .0003571 |
| %RSD | .2025523 | .5045880 | 1.405367 | .3569775 | .0726893 | .3492118 |
| #1 | 1.209405 | .0073804 | .0170502 | 112.8174 | .7243269 | .1020791 |
| #2 | 1.206261 | .0074501 | .0170099 | 112.4804 | .7241086 | .1020043 |
| #3 | 1.204590 | .0074390 | .0174465 | 113.2828 | .7233261 | .1026568 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.866396 | 233.1036 | 3.293061 | 59.23645 | .4329229 | .1381583 |
| Stddev | .003988 | .4740 | .010631 | .27690 | .0012247 | .0000936 |
| %RSD | .0819529 | .2033233 | .3228339 | .4674463 | .2828930 | .0677509 |
| #1 | 4.864747 | 233.5080 | 3.300753 | 59.25331 | .4324532 | .1381916 |
| #2 | 4.863498 | 233.2208 | 3.280930 | 58.95151 | .4320026 | .1380526 |
| #3 | 4.870945 | 232.5821 | 3.297502 | 59.50454 | .4343130 | .1382307 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.954182 | .4884083 | F 33.17195 | 9.633512 | .1281286 | .0359389 |
| Stddev | .019977 | .0012432 | .42783 | .012961 | .0059071 | .0003443 |
| %RSD | .3355180 | .2545449 | 1.289724 | .1345429 | 4.610316 | .9581584 |
| #1 | 5.944888 | .4882035 | 33.66595 | 9.640321 | .1283201 | .0362749 |
| #2 | 5.977113 | .4897413 | 32.92786 | 9.641650 | .1339376 | .0355868 |
| #3 | 5.940545 | .4872803 | 32.92204 | 9.618566 | .1221280 | .0359550 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01 Acquired: 4/14/2025 16:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.053063 | 8.353458 | 7.372045 | 11.40936 | 20.56043 | .1595028 |
| Stddev | .006450 | .007052 | .005005 | .03173 | .07958 | .0001222 |
| %RSD | .6124745 | .0844173 | .0678976 | .2780661 | .3870517 | .0766165 |
| #1 | 1.050130 | 8.353918 | 7.376830 | 11.39789 | 20.47369 | .1593777 |
| #2 | 1.048600 | 8.346187 | 7.372460 | 11.38497 | 20.57755 | .1595089 |
| #3 | 1.060458 | 8.360268 | 7.366845 | 11.44523 | 20.63007 | .1596218 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4462584 |
| Stddev | .0008378 |
| %RSD | .1877434 |
| #1 | .4472128 |
| #2 | .4459180 |
| #3 | .4456443 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2780.409 | 68880.81 | 14057.99 | 1815.974 | 3733.882 |
| Stddev | .549 | 39.84 | 73.26 | 2.895 | 4.839 |
| %RSD | .0197283 | .0578395 | .5211563 | .1594161 | .1295981 |
| #1 | 2780.789 | 68882.97 | 14071.61 | 1816.449 | 3738.768 |
| #2 | 2780.657 | 68919.52 | 14123.48 | 1818.602 | 3733.786 |
| #3 | 2779.780 | 68839.93 | 13978.87 | 1812.870 | 3729.092 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1756-01 Acquired: 4/14/2025 16:49:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1073409 | .0021619 | 3.767615 | .0010098 | -.012812 | 81.00566 | 1.708718 |
| Stddev | .0022866 | .0031222 | .011635 | .0009345 | .001865 | .20487 | .004026 |
| %RSD | 2.130221 | 144.4197 | .3088040 | 92.55163 | 14.55526 | .2529088 | .2355973 |
| #1 | .1074648 | -.001422 | 3.754850 | .0014026 | -.011102 | 81.18977 | 1.710872 |
| #2 | .1049948 | .004290 | 3.770371 | .0016838 | -.014801 | 81.04225 | 1.711209 |
| #3 | .1095630 | .003618 | 3.777624 | -.000057 | -.012534 | 80.78496 | 1.704074 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0083769 | .0056124 | 32.97787 | .2227192 | .0998359 | .5855842 | 186.3260 |
| Stddev | .0000555 | .0001158 | .14072 | .0019288 | .0002557 | .0000394 | .8026 |
| %RSD | .6626135 | 2.063494 | .4267196 | .8660404 | .2561511 | .0067288 | .4307714 |
| #1 | .0083972 | .0055705 | 32.96029 | .2248178 | .0996501 | .5856216 | 187.2299 |
| #2 | .0084195 | .0055234 | 33.12656 | .2223162 | .1001276 | .5855880 | 186.0518 |
| #3 | .0083142 | .0057433 | 32.84677 | .2210238 | .0997300 | .5855431 | 185.6965 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.668379 | 20.45657 | .1713201 | -.007608 | .9267450 | .2777222 | 1.117824 |
| Stddev | .018765 | .09210 | .0005832 | .000261 | .0038482 | .0006584 | .006403 |
| %RSD | .4019619 | .4502326 | .3404023 | 3.429994 | .4152424 | .2370818 | .5727653 |
| #1 | 4.668325 | 20.42128 | .1710117 | -.007831 | .9301556 | .2784626 | 1.120927 |
| #2 | 4.687171 | 20.56110 | .1719928 | -.007321 | .9275064 | .2772023 | 1.122082 |
| #3 | 4.649640 | 20.38733 | .1709560 | -.007671 | .9225729 | .2775018 | 1.110461 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.381347 | -.285098 | .0019758 | .7156269 | 1.928400 | 9.974318 | 9.481103 |
| Stddev | .025533 | .004242 | .0001067 | .0036600 | .008422 | .048711 | .008530 |
| %RSD | .4001208 | 1.488022 | 5.400509 | .5114431 | .4367103 | .4883689 | .0899674 |
| #1 | 6.388154 | -.282706 | .0020531 | .7114195 | 1.932750 | 10.03015 | 9.484618 |
| #2 | 6.353100 | -.289996 | .0020203 | .7173850 | 1.933756 | 9.95230 | 9.487314 |
| #3 | 6.402787 | -.282591 | .0018541 | .7180760 | 1.918693 | 9.94050 | 9.471377 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1756-01 Acquired: 4/14/2025 16:49:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.954879 | .1753629 | .1765079 |
| Stddev | .005834 | .0003334 | .0008362 |
| %RSD | .2984468 | .1901188 | .4737675 |
| | | | |
| #1 | 1.949262 | .1749786 | .1767529 |
| #2 | 1.960909 | .1755751 | .1771943 |
| #3 | 1.954468 | .1755351 | .1755766 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3168.177 | 77411.64 | 14821.90 | 2085.667 | 3986.524 |
| Stddev | 4.509 | 478.91 | 83.63 | 10.261 | 7.625 |
| %RSD | .1423152 | .6186586 | .5642187 | .4919649 | .1912609 |
| | | | | | |
| #1 | 3168.237 | 76883.96 | 14779.29 | 2075.647 | 3994.310 |
| #2 | 3172.656 | 77532.22 | 14768.16 | 2085.200 | 3986.190 |
| #3 | 3163.639 | 77818.74 | 14918.25 | 2096.153 | 3979.072 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-01 Acquired: 4/14/2025 16:53:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0283195 | .0048338 | .1453588 | -.000528 | -.008306 | 72.38275 | .8222500 |
| Stddev | .0046572 | .0019749 | .0018490 | .001788 | .001072 | .19702 | .0008541 |
| %RSD | 16.44524 | 40.85710 | 1.272046 | 338.7718 | 12.91073 | .2721976 | .1038751 |
| #1 | .0231663 | .0025945 | .1474321 | -.001046 | -.009460 | 72.18327 | .8212958 |
| #2 | .0295647 | .0055796 | .1438807 | .001462 | -.008119 | 72.38775 | .8229432 |
| #3 | .0322276 | .0063272 | .1447635 | -.001999 | -.007340 | 72.57722 | .8225108 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0084934 | .0005286 | 24.20377 | .1586009 | .0689486 | .2049707 | 168.4185 |
| Stddev | .0000448 | .0000303 | .14892 | .0003688 | .0004964 | .0002840 | .7423 |
| %RSD | .5279185 | 5.731514 | .6152633 | .2325574 | .7199831 | .1385806 | .4407209 |
| #1 | .0085065 | .0005319 | 24.11272 | .1590158 | .0684082 | .2052775 | 168.9938 |
| #2 | .0084434 | .0004967 | 24.12298 | .1583100 | .0693844 | .2047168 | 168.6809 |
| #3 | .0085302 | .0005570 | 24.37563 | .1584770 | .0690532 | .2049178 | 167.5806 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.628488 | 23.58934 | .1700323 | -.007483 | 2.611827 | .1967051 | .3894316 |
| Stddev | .015242 | .22777 | .0000720 | .000122 | .031580 | .0010300 | .0010586 |
| %RSD | .5798753 | .9655578 | .0423518 | 1.635821 | 1.209113 | .5236442 | .2718423 |
| #1 | 2.616122 | 23.38938 | .1700082 | -.007618 | 2.608763 | .1958879 | .3891449 |
| #2 | 2.623826 | 23.54135 | .1699754 | -.007379 | 2.644827 | .1978621 | .3885459 |
| #3 | 2.645517 | 23.83727 | .1701132 | -.007453 | 2.581891 | .1963655 | .3906041 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.843014 | -.206058 | .0005810 | -.000345 | 2.303144 | 9.664653 | 6.156264 |
| Stddev | .062967 | .013380 | .0003262 | .000469 | .003205 | .078567 | .021808 |
| %RSD | .9201615 | 6.493117 | 56.14450 | 135.8065 | .1391566 | .8129323 | .3542430 |
| #1 | 6.886937 | -.196362 | .0002048 | .000196 | 2.301934 | 9.684501 | 6.173636 |
| #2 | 6.871232 | -.200489 | .0007858 | -.000628 | 2.300721 | 9.731392 | 6.131790 |
| #3 | 6.770874 | -.221322 | .0007523 | -.000604 | 2.306778 | 9.578065 | 6.163366 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-01 Acquired: 4/14/2025 16:53:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1294042 | .1692021 | .1030227 |
| Stddev | .0044801 | .0004506 | .0000899 |
| %RSD | 3.462055 | .2663193 | .0872978 |
| | | | |
| #1 | .1248816 | .1696267 | .1030672 |
| #2 | .1338404 | .1692502 | .1030818 |
| #3 | .1294908 | .1687293 | .1029192 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3197.461 | 78675.28 | 15306.99 | 2102.361 | 4109.845 |
| Stddev | 2.974 | 137.35 | 151.05 | 5.528 | 3.635 |
| %RSD | .0930150 | .1745803 | .9867964 | .2629487 | .0884379 |
| | | | | | |
| #1 | 3195.526 | 78579.13 | 15412.05 | 2102.841 | 4107.292 |
| #2 | 3195.971 | 78614.13 | 15375.03 | 2096.608 | 4108.237 |
| #3 | 3200.886 | 78832.59 | 15133.89 | 2107.633 | 4114.007 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-05 Acquired: 4/14/2025 16:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0373045 | .0035613 | .1341518 | .0002654 | -.005586 | 64.64569 | .7973723 |
| Stddev | .0011692 | .0034437 | .0014795 | .0029230 | .002597 | .10943 | .0024443 |
| %RSD | 3.134214 | 96.69977 | 1.102829 | 1101.468 | 46.49914 | .1692743 | .3065469 |
| #1 | .0363047 | -.000236 | .1357358 | .0004037 | -.008578 | 64.52383 | .7955536 |
| #2 | .0370188 | .004437 | .1328058 | -.002724 | -.003912 | 64.67769 | .7964124 |
| #3 | .0385901 | .006483 | .1339140 | .003117 | -.004267 | 64.73555 | .8001509 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0083996 | .0006973 | 18.23349 | .1339269 | .0877350 | .2488908 | 163.1776 |
| Stddev | .0000883 | .0000334 | .08299 | .0005263 | .0003892 | .0004227 | .3580 |
| %RSD | 1.050958 | 4.789224 | .4551663 | .3929373 | .4435648 | .1698449 | .2193672 |
| #1 | .0084039 | .0007219 | 18.17908 | .1336045 | .0877766 | .2493788 | 163.5660 |
| #2 | .0083093 | .0006593 | 18.19239 | .1336420 | .0873267 | .2486548 | 163.1060 |
| #3 | .0084856 | .0007107 | 18.32902 | .1345341 | .0881017 | .2486387 | 162.8609 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.700569 | 21.13116 | .1921897 | -.006971 | 3.366709 | .1749640 | .3843463 |
| Stddev | .017514 | .07735 | .0005523 | .000027 | .008966 | .0009058 | .0009193 |
| %RSD | .2274319 | .3660374 | .2873902 | .3897654 | .2663075 | .5177250 | .2391955 |
| #1 | 7.688637 | 21.08995 | .1918929 | -.006943 | 3.376683 | .1745832 | .3849358 |
| #2 | 7.692396 | 21.08314 | .1918492 | -.006975 | 3.364127 | .1759981 | .3832870 |
| #3 | 7.720675 | 21.22038 | .1928270 | -.006997 | 3.359318 | .1743108 | .3848161 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.773436 | -.189119 | .0002156 | -.000250 | 2.047277 | 9.066517 | 5.763237 |
| Stddev | .015799 | .002865 | .0001228 | .000167 | .003632 | .028747 | .018930 |
| %RSD | .2332471 | 1.515157 | 56.96638 | 66.60491 | .1773975 | .3170642 | .3284573 |
| #1 | 6.778582 | -.189932 | .0002301 | -.000414 | 2.043476 | 9.089985 | 5.779903 |
| #2 | 6.786021 | -.185935 | .0000861 | -.000257 | 2.047640 | 9.075114 | 5.742656 |
| #3 | 6.755706 | -.191490 | .0003304 | -.000081 | 2.050713 | 9.034453 | 5.767151 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-05 Acquired: 4/14/2025 16:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.189700 | .1657646 | .0865092 |
| Stddev | .006491 | .0004957 | .0001755 |
| %RSD | .5455826 | .2990475 | .2029042 |
| | | | |
| #1 | 1.196544 | .1654392 | .0863581 |
| #2 | 1.188925 | .1655195 | .0864679 |
| #3 | 1.183632 | .1663351 | .0867017 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3193.281 | 78453.16 | 15326.76 | 2121.903 | 4051.282 |
| Stddev | 7.267 | 134.14 | 78.14 | 9.039 | 7.666 |
| %RSD | .2275760 | .1709838 | .5098468 | .4259987 | .1892178 |
| | | | | | |
| #1 | 3184.940 | 78325.21 | 15359.15 | 2111.671 | 4044.505 |
| #2 | 3196.655 | 78592.74 | 15383.50 | 2125.235 | 4059.602 |
| #3 | 3198.247 | 78441.53 | 15237.63 | 2128.803 | 4049.738 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-01 Acquired: 4/14/2025 17:01:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0308188 | .0031283 | .2352597 | -.001545 | -.009045 | 94.60611 | .5499426 |
| Stddev | .0012403 | .0019617 | .0004576 | .004002 | .001756 | .19433 | .0028854 |
| %RSD | 4.024580 | 62.70831 | .1945149 | 259.0223 | 19.41544 | .2054096 | .5246684 |
| #1 | .0322453 | .0053922 | .2354492 | -.000369 | -.010311 | 94.63014 | .5520765 |
| #2 | .0299943 | .0020618 | .2347378 | -.006004 | -.009784 | 94.40088 | .5510917 |
| #3 | .0302169 | .0019309 | .2355922 | .001737 | -.007040 | 94.78731 | .5466598 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0099751 | .0012182 | 21.67053 | .1619439 | .1017321 | .2827402 | 181.8219 |
| Stddev | .0000656 | .0000681 | .02995 | .0016175 | .0001690 | .0008582 | .3101 |
| %RSD | .6574457 | 5.593840 | .1382140 | .9988240 | .1661616 | .3035330 | .1705288 |
| #1 | .0099004 | .0011663 | 21.69096 | .1625900 | .1015807 | .2836582 | 181.6349 |
| #2 | .0100234 | .0011929 | 21.68448 | .1601032 | .1017010 | .2826046 | 181.6509 |
| #3 | .0100014 | .0012954 | 21.63615 | .1631385 | .1019145 | .2819579 | 182.1798 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.262944 | 28.14155 | .1701844 | -.009895 | 10.16577 | .2158875 | .4917541 |
| Stddev | .008693 | .04548 | .0004941 | .000162 | .04077 | .0009342 | .0003961 |
| %RSD | .1651738 | .1616209 | .2903578 | 1.638869 | .4010878 | .4327484 | .0805428 |
| #1 | 5.270635 | 28.12762 | .1696327 | -.009987 | 10.12208 | .2153963 | .4913617 |
| #2 | 5.264686 | 28.10465 | .1705863 | -.009991 | 10.20281 | .2169648 | .4917468 |
| #3 | 5.253513 | 28.19236 | .1703342 | -.009708 | 10.17243 | .2153013 | .4921538 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.846713 | -.269739 | .0016908 | .0037864 | 2.694344 | 2.150192 | 4.118628 |
| Stddev | .048490 | .004775 | .0002666 | .0005571 | .003039 | .003324 | .009422 |
| %RSD | .5481184 | 1.770060 | 15.76578 | 14.71286 | .1127936 | .1545813 | .2287763 |
| #1 | 8.813023 | -.271134 | .0015968 | .0043687 | 2.697021 | 2.146460 | 4.107764 |
| #2 | 8.824828 | -.273661 | .0019916 | .0032585 | 2.691041 | 2.152833 | 4.124572 |
| #3 | 8.902289 | -.264423 | .0014839 | .0037321 | 2.694970 | 2.151282 | 4.123548 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-01 Acquired: 4/14/2025 17:01:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .3447047 | .1930096 | .1287018 |
| Stddev | .0039028 | .0011436 | .0004052 |
| %RSD | 1.132216 | .5925134 | .3148628 |
| | | | |
| #1 | .3456965 | .1934039 | .1290674 |
| #2 | .3480159 | .1917210 | .1287720 |
| #3 | .3404017 | .1939039 | .1282661 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3124.053 | 75395.85 | 13989.81 | 2070.983 | 4044.691 |
| Stddev | 1.305 | 199.87 | 19.40 | 2.559 | 2.755 |
| %RSD | .0417746 | .2650952 | .1386438 | .1235409 | .0681168 |
| | | | | | |
| #1 | 3122.927 | 75491.28 | 13967.43 | 2073.188 | 4046.254 |
| #2 | 3123.750 | 75530.13 | 14001.75 | 2071.582 | 4046.309 |
| #3 | 3125.483 | 75166.16 | 14000.25 | 2068.178 | 4041.510 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05 Acquired: 4/14/2025 17:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0518907 | .0026497 | 1.013839 | .0085805 | -.009339 | 201.1944 | .9292444 |
| Stddev | .0026990 | .0005447 | .003070 | .0056434 | .001559 | 1.5986 | .0018240 |
| %RSD | 5.201395 | 20.55490 | .3027783 | 65.77036 | 16.69499 | .7945790 | .1962892 |
| #1 | .0517679 | .0030265 | 1.015023 | .0059274 | -.009741 | 199.4366 | .9290966 |
| #2 | .0546490 | .0020253 | 1.016141 | .0047525 | -.010658 | 201.5853 | .9311378 |
| #3 | .0492551 | .0028973 | 1.010354 | .0150616 | -.007618 | 202.5614 | .9274988 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0090483 | -.001308 | 23.22121 | .2004994 | .0871305 | .2080848 | 172.7339 |
| Stddev | .0000673 | .000056 | .07363 | .0011675 | .0005510 | .0006546 | .6756 |
| %RSD | .7434936 | 4.280529 | .3170594 | .5823073 | .6323723 | .3145677 | .3911432 |
| #1 | .0090894 | -.001370 | 23.15892 | .2007135 | .0873206 | .2086864 | 173.5048 |
| #2 | .0089706 | -.001292 | 23.20225 | .1992396 | .0865096 | .2081802 | 172.2449 |
| #3 | .0090847 | -.001261 | 23.30246 | .2015450 | .0875612 | .2073877 | 172.4521 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.752313 | 25.02455 | .1994628 | -.005812 | 19.59830 | .2853181 | .5062448 |
| Stddev | .001325 | .06999 | .0008358 | .000416 | .10876 | .0013214 | .0022679 |
| %RSD | .0756349 | .2796925 | .4190032 | 7.164107 | .5549215 | .4631409 | .4479822 |
| #1 | 1.753674 | 24.96916 | .1999492 | -.006047 | 19.69319 | .2863067 | .5083419 |
| #2 | 1.751026 | 25.00128 | .1984978 | -.006057 | 19.62209 | .2838172 | .5065547 |
| #3 | 1.752239 | 25.10321 | .1999415 | -.005331 | 19.47962 | .2858304 | .5038380 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.440873 | -.162237 | .0027212 | .0268244 | 1.859534 | 7.279510 | 6.808386 |
| Stddev | .030155 | .003841 | .0004394 | .0018610 | .001985 | .024989 | .007984 |
| %RSD | .4052635 | 2.367757 | 16.14917 | 6.937819 | .1067437 | .3432852 | .1172637 |
| #1 | 7.452289 | -.157966 | .0031073 | .0271013 | 1.860253 | 7.296620 | 6.816905 |
| #2 | 7.463654 | -.165408 | .0028132 | .0248404 | 1.857290 | 7.291077 | 6.807178 |
| #3 | 7.406677 | -.163339 | .0022430 | .0285314 | 1.861059 | 7.250832 | 6.801075 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05 Acquired: 4/14/2025 17:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.546807 | .2006989 | .1840462 |
| Stddev | .012521 | .0006721 | .0001406 |
| %RSD | .3530223 | .3348818 | .0764104 |
| | | | |
| #1 | 3.534078 | .2000329 | .1839604 |
| #2 | 3.547235 | .2013770 | .1842085 |
| #3 | 3.559109 | .2006868 | .1839697 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3074.168 | 74348.45 | 15236.45 | 2030.088 | 3980.930 |
| Stddev | 5.908 | 201.12 | 30.52 | 10.632 | 8.943 |
| %RSD | .1921807 | .2705139 | .2003029 | .5237289 | .2246347 |
| | | | | | |
| #1 | 3067.725 | 74117.25 | 15259.98 | 2020.838 | 3971.106 |
| #2 | 3079.332 | 74445.06 | 15247.39 | 2027.723 | 3988.596 |
| #3 | 3075.446 | 74483.03 | 15201.96 | 2041.704 | 3983.087 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05DUP Acquired: 4/14/2025 17:10:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0500731 | .0070665 | .9334315 | .0115459 | -.009620 | 207.0213 | .9393809 |
| Stddev | .0019406 | .0007300 | .0015057 | .0045294 | .002443 | 2.5552 | .0041756 |
| %RSD | 3.875618 | 10.33020 | .1613023 | 39.22970 | 25.38929 | 1.234259 | .4445083 |
| #1 | .0500930 | .0062250 | .9317014 | .0105465 | -.009610 | 206.5059 | .9392045 |
| #2 | .0481226 | .0075287 | .9341489 | .0164916 | -.007183 | 209.7949 | .9352962 |
| #3 | .0520037 | .0074459 | .9344444 | .0075997 | -.012068 | 204.7631 | .9436419 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0092190 | -.001841 | 21.75842 | .2085723 | .0888304 | .2119574 | 181.8903 |
| Stddev | .0000303 | .000210 | .05425 | .0000865 | .0000855 | .0009681 | .4077 |
| %RSD | .3281381 | 11.41822 | .2493419 | .0414843 | .0962380 | .4567224 | .2241358 |
| #1 | .0091951 | -.001699 | 21.79440 | .2084913 | .0888361 | .2127308 | 181.5492 |
| #2 | .0092530 | -.001742 | 21.78486 | .2085620 | .0889128 | .2108718 | 181.7799 |
| #3 | .0092089 | -.002083 | 21.69602 | .2086635 | .0887421 | .2122697 | 182.3418 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.793926 | 25.61605 | .2044371 | -.005892 | 19.63807 | .2995624 | .5189852 |
| Stddev | .002273 | .11191 | .0004997 | .000072 | .13451 | .0005977 | .0020103 |
| %RSD | .1267093 | .4368726 | .2444377 | 1.226481 | .6849361 | .1995207 | .3873581 |
| #1 | 1.795729 | 25.66036 | .2042724 | -.005848 | 19.57039 | .2995309 | .5171364 |
| #2 | 1.794676 | 25.69901 | .2040405 | -.005976 | 19.55083 | .3001752 | .5186940 |
| #3 | 1.791372 | 25.48877 | .2049984 | -.005853 | 19.79297 | .2989811 | .5211253 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.671997 | -.160667 | .0032475 | .0214871 | 1.894240 | 8.010454 | 6.767482 |
| Stddev | .079496 | .003538 | .0002796 | .0007531 | .002606 | .033097 | .032961 |
| %RSD | 1.036180 | 2.202265 | 8.609572 | 3.504792 | .1375900 | .4131684 | .4870468 |
| #1 | 7.609656 | -.162743 | .0030271 | .0222835 | 1.895380 | 7.997876 | 6.737509 |
| #2 | 7.644817 | -.162675 | .0031534 | .0213913 | 1.891258 | 7.985491 | 6.762156 |
| #3 | 7.761518 | -.156581 | .0035620 | .0207865 | 1.896083 | 8.047996 | 6.802782 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05DUP Acquired: 4/14/2025 17:10:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.500079 | .2089898 | .1682993 |
| Stddev | .016504 | .0017626 | .0005278 |
| %RSD | .4715192 | .8434121 | .3136379 |
| | | | |
| #1 | 3.489423 | .2079326 | .1683321 |
| #2 | 3.491725 | .2080121 | .1677559 |
| #3 | 3.519089 | .2110246 | .1688100 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3070.309 | 73612.76 | 15231.87 | 2017.870 | 3980.233 |
| Stddev | 4.081 | 122.82 | 73.01 | 7.683 | 6.731 |
| %RSD | .1329177 | .1668454 | .4793156 | .3807703 | .1691192 |
| | | | | | |
| #1 | 3065.892 | 73656.39 | 15206.02 | 2026.693 | 3973.749 |
| #2 | 3073.940 | 73474.09 | 15175.31 | 2012.655 | 3987.187 |
| #3 | 3071.095 | 73707.82 | 15314.29 | 2014.261 | 3979.764 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05LX5 Acquired: 4/14/2025 17:14:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0119427 | -.000005 | .2177487 | -.000106 | -.002460 | 44.70288 | .2046552 |
| Stddev | .0035938 | .001317 | .0010840 | .003443 | .001510 | .24070 | .0011360 |
| %RSD | 30.09221 | 25254.07 | .4978062 | 3237.543 | 61.37791 | .5384470 | .5550786 |
| #1 | .0160796 | .000891 | .2168084 | .003005 | -.004169 | 44.51997 | .2034851 |
| #2 | .0101581 | .000611 | .2175035 | .000480 | -.001304 | 44.61310 | .2047267 |
| #3 | .0095905 | -.001518 | .2189343 | -.003805 | -.001908 | 44.97557 | .2057538 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021490 | -.001478 | 5.338921 | .0466110 | .0177996 | .0503797 | 38.97434 |
| Stddev | .0000319 | .000041 | .041206 | .0002975 | .0000829 | .0004092 | .09916 |
| %RSD | 1.484953 | 2.800651 | .7718113 | .6381866 | .4658750 | .8122333 | .2544330 |
| #1 | .0021285 | -.001440 | 5.291374 | .0463624 | .0178585 | .0501931 | 38.92763 |
| #2 | .0021858 | -.001474 | 5.361137 | .0465301 | .0177048 | .0500969 | 38.90716 |
| #3 | .0021328 | -.001522 | 5.364251 | .0469406 | .0178356 | .0508489 | 39.08823 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4016676 | 5.686783 | .0411896 | -.001867 | 4.028658 | .0656314 | .1129956 |
| Stddev | .0008750 | .036345 | .0001915 | .000143 | .008658 | .0012565 | .0000976 |
| %RSD | .2178316 | .6391138 | .4648288 | 7.661566 | .2149097 | 1.914402 | .0863828 |
| #1 | .4006706 | 5.655900 | .0413253 | -.002029 | 4.036852 | .0667708 | .1128830 |
| #2 | .4020246 | 5.677616 | .0409706 | -.001757 | 4.029521 | .0658394 | .1130547 |
| #3 | .4023076 | 5.726835 | .0412729 | -.001815 | 4.019601 | .0642839 | .1130492 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.533579 | -.038601 | .0006440 | .0048594 | .4157560 | 1.621136 | 1.424686 |
| Stddev | .024419 | .000268 | .0000838 | .0005569 | .0032718 | .008584 | .005063 |
| %RSD | 1.592271 | .6935987 | 13.00931 | 11.46034 | .7869488 | .5294842 | .3553627 |
| #1 | 1.505488 | -.038707 | .0005509 | .0046981 | .4124344 | 1.617567 | 1.427611 |
| #2 | 1.545518 | -.038296 | .0007133 | .0044010 | .4158580 | 1.614913 | 1.418840 |
| #3 | 1.549731 | -.038799 | .0006678 | .0054792 | .4189756 | 1.630929 | 1.427607 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05LX5 Acquired: 4/14/2025 17:14:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .7394139 | .0448593 | .0411709 |
| Stddev | .0065918 | .0007080 | .0000684 |
| %RSD | .8914946 | 1.578186 | .1661909 |
| | | | |
| #1 | .7467738 | .0448517 | .0411408 |
| #2 | .7340528 | .0455710 | .0411226 |
| #3 | .7374151 | .0441551 | .0412492 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2844.168 | 68920.31 | 13957.63 | 1894.879 | 4231.285 |
| Stddev | 3.199 | 155.59 | 88.10 | 7.976 | .840 |
| %RSD | .1124729 | .2257552 | .6311976 | .4209131 | .0198440 |
| | | | | | |
| #1 | 2843.720 | 69090.05 | 14056.70 | 1902.740 | 4232.255 |
| #2 | 2847.568 | 68886.42 | 13928.08 | 1895.105 | 4230.801 |
| #3 | 2841.217 | 68784.46 | 13888.10 | 1886.793 | 4230.799 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV04 Acquired: 4/14/2025 17:18:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.920990 | 4.960166 | 4.940568 | 4.953243 | 4.931211 | 9.705842 | 9.579208 |
| Stddev | .013571 | .014451 | .004545 | .004478 | .013014 | .015151 | .042126 |
| %RSD | .2757863 | .2913328 | .0919934 | .0904086 | .2639037 | .1561069 | .4397687 |
| #1 | 4.922369 | 4.944891 | 4.944581 | 4.952171 | 4.930036 | 9.705537 | 9.578372 |
| #2 | 4.906782 | 4.961985 | 4.935633 | 4.949397 | 4.918826 | 9.721144 | 9.621746 |
| #3 | 4.933820 | 4.973620 | 4.941490 | 4.958159 | 4.944773 | 9.690845 | 9.537506 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2483045 | 2.480333 | 24.20714 | 1.001924 | 2.478494 | 1.247357 | 4.933402 |
| Stddev | .0021015 | .002557 | .10071 | .002818 | .004538 | .002958 | .041354 |
| %RSD | .8463572 | .1030990 | .4160528 | .2812667 | .1831075 | .2371632 | .8382422 |
| #1 | .2483525 | 2.481404 | 24.28109 | 1.000573 | 2.481110 | 1.245696 | 4.925812 |
| #2 | .2461793 | 2.477414 | 24.09244 | 1.005163 | 2.473253 | 1.245602 | 4.978025 |
| #3 | .2503816 | 2.482180 | 24.24790 | 1.000036 | 2.481117 | 1.250772 | 4.896368 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.408554 | 24.08819 | 2.474353 | 1.241500 | 25.88454 | 2.423715 | 2.445218 |
| Stddev | .009240 | .12295 | .002584 | .001830 | .33682 | .001818 | .007660 |
| %RSD | .3836144 | .5104306 | .1044318 | .1473968 | 1.301240 | .0750047 | .3132515 |
| #1 | 2.417434 | 24.08952 | 2.475979 | 1.240011 | 25.93089 | 2.425346 | 2.438127 |
| #2 | 2.398992 | 23.96457 | 2.471373 | 1.243543 | 26.19578 | 2.421755 | 2.453341 |
| #3 | 2.409236 | 24.21047 | 2.475707 | 1.240946 | 25.52694 | 2.424044 | 2.444185 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.97536 | 4.916645 | 4.986014 | 4.973954 | 4.818007 | 4.946407 | 4.997020 |
| Stddev | .31659 | .052959 | .006791 | .003163 | .009512 | .034956 | .009300 |
| %RSD | 1.218817 | 1.077138 | .1361995 | .0635944 | .1974307 | .7066884 | .1861149 |
| #1 | 25.90550 | 4.934996 | 4.982004 | 4.970363 | 4.827175 | 4.918128 | 5.004338 |
| #2 | 26.32105 | 4.856951 | 4.982182 | 4.975172 | 4.818662 | 4.985488 | 5.000167 |
| #3 | 25.69953 | 4.957988 | 4.993854 | 4.976327 | 4.808184 | 4.935603 | 4.986555 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV04 Acquired: 4/14/2025 17:18:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.930739 | 4.817941 | 4.880087 |
| Stddev | .016303 | .023883 | .069687 |
| %RSD | .3306499 | .4957156 | 1.427987 |
| | | | |
| #1 | 4.931831 | 4.832029 | 4.867377 |
| #2 | 4.913917 | 4.831429 | 4.817630 |
| #3 | 4.946469 | 4.790365 | 4.955254 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2680.516 | 63958.53 | 12777.59 | 1726.139 | 4023.068 |
| Stddev | 2.985 | 253.24 | 92.29 | 8.800 | 4.246 |
| %RSD | .1113573 | .3959369 | .7222780 | .5097799 | .1055402 |
| | | | | | |
| #1 | 2682.287 | 64024.69 | 12751.89 | 1728.800 | 4022.042 |
| #2 | 2682.190 | 63678.78 | 12880.00 | 1716.317 | 4027.732 |
| #3 | 2677.069 | 64172.12 | 12700.87 | 1733.302 | 4019.428 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB04 Acquired: 4/14/2025 17:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0026295 | -.000121 | .0018166 | -.001295 | .0004517 | -.000992 | -.000207 |
| Stddev | .0007858 | .001535 | .0013859 | .000923 | .0001349 | .001370 | .000733 |
| %RSD | 29.88383 | 1272.570 | 76.28776 | 71.33657 | 29.87467 | 138.1295 | 353.3587 |
| #1 | .0021474 | .001556 | .0030081 | -.000583 | .0004985 | -.001094 | .000612 |
| #2 | .0022047 | -.000461 | .0002957 | -.000962 | .0002995 | -.002308 | -.000432 |
| #3 | .0035362 | -.001457 | .0021461 | -.002338 | .0005569 | .000426 | -.000801 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000676 | .0001701 | -.007459 | -.000068 | .0001628 | .0002954 | .0027233 |
| Stddev | .0000300 | .0000789 | .006423 | .000150 | .0001270 | .0000700 | .0024148 |
| %RSD | 44.34426 | 46.39001 | 86.10162 | 220.3498 | 78.03511 | 23.70737 | 88.67072 |
| #1 | .0001019 | .0001210 | -.000177 | -.000047 | .0000186 | .0003196 | .0041929 |
| #2 | .0000553 | .0001283 | -.012317 | -.000227 | .0002114 | .0003501 | .0040407 |
| #3 | .0000458 | .0002611 | -.009884 | .000070 | .0002583 | .0002165 | -.000064 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005461 | .0079812 | .0002177 | -.000318 | -.018047 | .0011910 | -.000285 |
| Stddev | .0003202 | .0037137 | .0001774 | .000201 | .008100 | .0009934 | .000255 |
| %RSD | 58.62686 | 46.53036 | 81.49746 | 63.20160 | 44.88402 | 83.40203 | 89.39504 |
| #1 | .0002011 | .0113503 | .0000453 | -.000131 | -.018295 | .0012479 | -.000192 |
| #2 | .0006036 | .0039992 | .0002081 | -.000294 | -.026020 | .0021548 | -.000090 |
| #3 | .0008336 | .0085941 | .0003997 | -.000531 | -.009826 | .0001705 | -.000574 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.018695 | .0051475 | .0004108 | .0005473 | .0001750 | .0132923 | .0026192 |
| Stddev | .007886 | .0001272 | .0001045 | .0002797 | .0005129 | .0032937 | .0005458 |
| %RSD | 42.18387 | 2.471176 | 25.43867 | 51.11141 | 293.1054 | 24.77918 | 20.84061 |
| #1 | -.027789 | .0051165 | .0005179 | .0005477 | .0002129 | .0150382 | .0031506 |
| #2 | -.013740 | .0050387 | .0004054 | .0002673 | .0006678 | .0153454 | .0026470 |
| #3 | -.014556 | .0052874 | .0003091 | .0008267 | -.000356 | .0094932 | .0020599 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB04 Acquired: 4/14/2025 17:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002644 | .0002089 | .0003150 |
| Stddev | .001600 | .0010231 | .0000294 |
| %RSD | 60.50533 | 489.8142 | 9.335057 |
| | | | |
| #1 | -.001657 | -.000506 | .0003385 |
| #2 | -.001786 | -.000248 | .0002820 |
| #3 | -.004490 | .001381 | .0003245 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2789.266 | 66930.56 | 13210.79 | 1808.085 | 4446.369 |
| Stddev | 1.704 | 154.74 | 42.75 | 3.641 | 4.483 |
| %RSD | .0610887 | .2311938 | .3236041 | .2013836 | .1008299 |
| | | | | | |
| #1 | 2789.342 | 66825.41 | 13172.20 | 1804.548 | 4442.493 |
| #2 | 2787.526 | 67108.24 | 13256.74 | 1811.822 | 4451.279 |
| #3 | 2790.931 | 66858.03 | 13203.42 | 1807.885 | 4445.334 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MS Acquired: 4/14/2025 17:27:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6970862 | 1.777190 | 1.868591 | 1.589419 | .6565911 | 204.1748 | 1.111819 |
| Stddev | .0037752 | .017082 | .001798 | .003380 | .0025607 | 1.4542 | .003449 |
| %RSD | .5415718 | .9611710 | .0962461 | .2126600 | .3899985 | .7122085 | .3101723 |
| #1 | .6939809 | 1.771005 | 1.870595 | 1.585516 | .6537262 | 204.8709 | 1.108743 |
| #2 | .6959892 | 1.764061 | 1.868062 | 1.591403 | .6573903 | 205.1500 | 1.111168 |
| #3 | .7012884 | 1.796502 | 1.867117 | 1.591338 | .6586569 | 202.5034 | 1.115547 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1576247 | .1855184 | 23.46650 | .5239198 | .2716600 | .4393148 | 184.4475 |
| Stddev | .0008484 | .0001472 | .02912 | .0031826 | .0002183 | .0010330 | 1.4127 |
| %RSD | .5382557 | .0793646 | .1241128 | .6074560 | .0803451 | .2351334 | .7658875 |
| #1 | .1570964 | .1855874 | 23.44078 | .5217464 | .2716026 | .4381514 | 183.9624 |
| #2 | .1586033 | .1853494 | 23.49813 | .5224402 | .2714762 | .4401244 | 183.3413 |
| #3 | .1571744 | .1856185 | 23.46060 | .5275728 | .2719013 | .4396686 | 186.0388 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.914050 | 26.68596 | .6545166 | .0567658 | 23.08111 | .5283497 | .6664047 |
| Stddev | .003624 | .13895 | .0004691 | .0005338 | .25545 | .0007583 | .0018761 |
| %RSD | .1893256 | .5206960 | .0716734 | .9403415 | 1.106730 | .1435243 | .2815265 |
| #1 | 1.909880 | 26.61542 | .6545442 | .0564380 | 23.05174 | .5286604 | .6658795 |
| #2 | 1.915830 | 26.84603 | .6540343 | .0564777 | 22.84162 | .5289034 | .6648473 |
| #3 | 1.916439 | 26.59642 | .6549714 | .0573818 | 23.34997 | .5274854 | .6684875 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.57608 | .0832254 | .3441199 | .6788694 | 2.068479 | 9.598062 | 12.07117 |
| Stddev | .15489 | .0037244 | .0008676 | .0022399 | .002751 | .062414 | .03502 |
| %RSD | .9344149 | 4.475017 | .2521066 | .3299504 | .1330132 | .6502771 | .2900949 |
| #1 | 16.55537 | .0805463 | .3434969 | .6805826 | 2.065844 | 9.605101 | 12.04973 |
| #2 | 16.43259 | .0816515 | .3437520 | .6763347 | 2.071334 | 9.532427 | 12.05220 |
| #3 | 16.74028 | .0874783 | .3451107 | .6796909 | 2.068259 | 9.656659 | 12.11158 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MS Acquired: 4/14/2025 17:27:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.483711 | .3777844 | .3478066 |
| Stddev | .021280 | .0011166 | .0005686 |
| %RSD | .6108478 | .2955729 | .1634779 |
| | | | |
| #1 | 3.471332 | .3775173 | .3472814 |
| #2 | 3.471518 | .3768255 | .3477281 |
| #3 | 3.508283 | .3790103 | .3484104 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3048.767 | 73777.42 | 15761.63 | 2002.032 | 3948.963 |
| Stddev | 3.213 | 476.58 | 31.73 | 11.879 | 5.962 |
| %RSD | .1053828 | .6459706 | .2013406 | .5933485 | .1509675 |
| | | | | | |
| #1 | 3049.756 | 73849.98 | 15781.25 | 2003.043 | 3948.998 |
| #2 | 3051.369 | 74213.55 | 15725.02 | 2013.374 | 3954.907 |
| #3 | 3045.176 | 73268.71 | 15778.62 | 1989.680 | 3942.984 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MSD Acquired: 4/14/2025 17:31:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6924295 | 1.772297 | 1.851103 | 1.572655 | .6510839 | 202.2443 | 1.116811 |
| Stddev | .0047880 | .007317 | .002678 | .005031 | .0038789 | 1.1345 | .004921 |
| %RSD | .6914772 | .4128554 | .1446835 | .3198799 | .5957526 | .5609781 | .4406458 |
| #1 | .6895595 | 1.766992 | 1.850434 | 1.570644 | .6537612 | 201.0801 | 1.121457 |
| #2 | .6897723 | 1.769255 | 1.848822 | 1.568941 | .6528547 | 202.3060 | 1.117321 |
| #3 | .6979569 | 1.780645 | 1.854052 | 1.578380 | .6466356 | 203.3467 | 1.111655 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1608727 | .1846561 | 23.54524 | .5233030 | .2706752 | .4358347 | 183.7501 |
| Stddev | .0004025 | .0004277 | .02491 | .0034747 | .0006887 | .0009497 | 1.3960 |
| %RSD | .2501687 | .2316311 | .1057970 | .6639926 | .2544463 | .2179145 | .7597449 |
| #1 | .1608835 | .1842821 | 23.56644 | .5209289 | .2704917 | .4353462 | 183.1153 |
| #2 | .1612697 | .1851224 | 23.55147 | .5216890 | .2700969 | .4352287 | 182.7842 |
| #3 | .1604650 | .1845637 | 23.51781 | .5272912 | .2714372 | .4369293 | 185.3507 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.935720 | 26.81233 | .6509402 | .0571371 | 23.06061 | .5306999 | .6668853 |
| Stddev | .002824 | .05938 | .0015706 | .0002630 | .14684 | .0015172 | .0029524 |
| %RSD | .1459009 | .2214704 | .2412857 | .4602512 | .6367388 | .2858801 | .4427190 |
| #1 | 1.936673 | 26.74399 | .6491405 | .0569893 | 23.03118 | .5289916 | .6638561 |
| #2 | 1.937944 | 26.84159 | .6516465 | .0569812 | 22.93071 | .5312177 | .6670456 |
| #3 | 1.932542 | 26.85139 | .6520338 | .0574407 | 23.21992 | .5318904 | .6697544 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.49505 | .0777577 | .3413773 | .6691907 | 2.075935 | 9.553636 | 11.96198 |
| Stddev | .11055 | .0052737 | .0002811 | .0018917 | .006026 | .091033 | .01572 |
| %RSD | .6702045 | 6.782155 | .0823584 | .2826834 | .2902903 | .9528601 | .1314400 |
| #1 | 16.44930 | .0758793 | .3413490 | .6671686 | 2.080986 | 9.505183 | 11.94720 |
| #2 | 16.41471 | .0736804 | .3411114 | .6694862 | 2.077555 | 9.497077 | 11.96023 |
| #3 | 16.62113 | .0837134 | .3416716 | .6709172 | 2.069264 | 9.658647 | 11.97850 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MSD Acquired: 4/14/2025 17:31:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.433298 | .3807644 | .3495240 |
| Stddev | .005574 | .0015628 | .0010518 |
| %RSD | .1623613 | .4104267 | .3009354 |
| | | | |
| #1 | 3.426865 | .3814410 | .3504843 |
| #2 | 3.436325 | .3818748 | .3496879 |
| #3 | 3.436704 | .3789773 | .3483999 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3068.517 | 73516.71 | 15496.26 | 2020.533 | 3976.657 |
| Stddev | 2.158 | 574.35 | 40.35 | 17.024 | 4.929 |
| %RSD | .0703110 | .7812471 | .2604130 | .8425732 | .1239426 |
| | | | | | |
| #1 | 3070.327 | 73977.74 | 15519.93 | 2039.722 | 3980.917 |
| #2 | 3069.095 | 73699.06 | 15449.66 | 2014.635 | 3977.795 |
| #3 | 3066.130 | 72873.32 | 15519.18 | 2007.242 | 3971.259 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05A Acquired: 4/14/2025 17:35:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6984176 | 1.804090 | 1.872730 | 1.591420 | .6419573 | 205.7501 | 1.071232 |
| Stddev | .0043593 | .013408 | .008796 | .011995 | .0017077 | 1.2533 | .001597 |
| %RSD | .6241654 | .7431959 | .4697038 | .7537445 | .2660203 | .6091406 | .1490692 |
| #1 | .6934220 | 1.806348 | 1.864851 | 1.583233 | .6424418 | 206.3033 | 1.069476 |
| #2 | .7003803 | 1.789697 | 1.871120 | 1.585838 | .6400597 | 206.6315 | 1.072598 |
| #3 | .7014506 | 1.816227 | 1.882221 | 1.605189 | .6433705 | 204.3153 | 1.071620 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1805649 | .1900652 | 23.33979 | .5245808 | .2727991 | .4457812 | 166.2514 |
| Stddev | .0008663 | .0003835 | .09005 | .0035327 | .0007031 | .0011609 | .3824 |
| %RSD | .4797470 | .2017754 | .3858325 | .6734328 | .2577219 | .2604114 | .2299886 |
| #1 | .1796298 | .1898714 | 23.28317 | .5235754 | .2726635 | .4457654 | 166.5471 |
| #2 | .1813399 | .1898173 | 23.44364 | .5285072 | .2721737 | .4446283 | 166.3876 |
| #3 | .1807251 | .1905069 | 23.29257 | .5216598 | .2735601 | .4469499 | 165.8196 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.926853 | 27.04163 | .6571932 | .0548881 | 20.09945 | .5294517 | .6706243 |
| Stddev | .004733 | .17541 | .0006231 | .0004149 | .09088 | .0032137 | .0009368 |
| %RSD | .2456542 | .6486631 | .0948073 | .7559357 | .4521750 | .6069935 | .1396969 |
| #1 | 1.921428 | 26.91758 | .6569231 | .0548047 | 20.18063 | .5258394 | .6698118 |
| #2 | 1.928991 | 27.24232 | .6567507 | .0553384 | 20.00126 | .5305216 | .6716491 |
| #3 | 1.930140 | 26.96500 | .6579057 | .0545213 | 20.11648 | .5319940 | .6704121 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.78901 | .0014239 | .3365001 | .6663029 | 2.057495 | 8.933615 | 12.26286 |
| Stddev | .03079 | .0048565 | .0012071 | .0021284 | .006939 | .013673 | .06402 |
| %RSD | .2081641 | 341.0723 | .3587107 | .3194313 | .3372726 | .1530469 | .5220624 |
| #1 | 14.82411 | .0069987 | .3355494 | .6686989 | 2.050810 | 8.944739 | 12.21971 |
| #2 | 14.76661 | -.000838 | .3360927 | .6655784 | 2.064664 | 8.937754 | 12.23245 |
| #3 | 14.77630 | -.001890 | .3378581 | .6646313 | 2.057011 | 8.918351 | 12.33641 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05A Acquired: 4/14/2025 17:35:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.497177 | .3736327 | .3389489 |
| Stddev | .018356 | .0003831 | .0007008 |
| %RSD | .5248933 | .1025298 | .2067664 |
| | | | |
| #1 | 3.476049 | .3736951 | .3381460 |
| #2 | 3.506263 | .3732222 | .3392627 |
| #3 | 3.509217 | .3739808 | .3394380 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3044.344 | 73257.88 | 13927.79 | 2013.323 | 3943.377 |
| Stddev | 4.190 | 142.46 | 64.54 | 6.263 | 5.688 |
| %RSD | .1376467 | .1944659 | .4633631 | .3110771 | .1442363 |
| | | | | | |
| #1 | 3049.177 | 73222.36 | 13982.79 | 2013.594 | 3948.812 |
| #2 | 3042.113 | 73136.54 | 13856.75 | 2006.929 | 3943.851 |
| #3 | 3041.741 | 73414.74 | 13943.84 | 2019.446 | 3937.466 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-01 Acquired: 4/14/2025 17:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1160743 | .0300095 | .2073279 | .0029180 | -.019106 | 71.23554 | .2593553 |
| Stddev | .0020277 | .0011686 | .0006555 | .0020615 | .001790 | .21230 | .0006235 |
| %RSD | 1.746905 | 3.894063 | .3161783 | 70.64765 | 9.366916 | .2980229 | .2403952 |
| #1 | .1149076 | .0313422 | .2078032 | .0008454 | -.017277 | 71.23522 | .2588040 |
| #2 | .1184157 | .0291602 | .2076004 | .0029404 | -.019186 | 71.44801 | .2600320 |
| #3 | .1148997 | .0295260 | .2065801 | .0049681 | -.020854 | 71.02341 | .2592300 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0108430 | -.000588 | 5.956141 | .2757917 | .0226185 | .3458565 | 380.0570 |
| Stddev | .0001072 | .000389 | .030301 | .0011247 | .0002438 | .0008087 | 1.2441 |
| %RSD | .9885376 | 66.15695 | .5087415 | .4078202 | 1.078052 | .2338152 | .3273410 |
| #1 | .0108718 | -.000467 | 5.971249 | .2765021 | .0225030 | .3460089 | 379.2348 |
| #2 | .0109329 | -.001024 | 5.975918 | .2763780 | .0224538 | .3449825 | 381.4882 |
| #3 | .0107244 | -.000275 | 5.921256 | .2744949 | .0228986 | .3465781 | 379.4478 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1317863 | 2.424067 | .0297437 | -.017372 | 3.035554 | .2872882 | .2675266 |
| Stddev | .0009371 | .018986 | .0003362 | .000182 | .013688 | .0011066 | .0014327 |
| %RSD | .7111095 | .7832112 | 1.130254 | 1.047099 | .4509203 | .3851871 | .5355418 |
| #1 | .1327475 | 2.403929 | .0295699 | -.017534 | 3.044151 | .2885338 | .2690436 |
| #2 | .1308753 | 2.441639 | .0295300 | -.017407 | 3.042741 | .2869122 | .2673398 |
| #3 | .1317360 | 2.426633 | .0301312 | -.017175 | 3.019769 | .2864186 | .2661965 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.308196 | -.458040 | -.000758 | .0115539 | .2460064 | 2.452050 | .5093109 |
| Stddev | .021106 | .003235 | .000539 | .0004106 | .0022791 | .022270 | .0046993 |
| %RSD | .3976064 | .7062886 | 71.03556 | 3.554019 | .9264521 | .9082108 | .9226793 |
| #1 | 5.294410 | -.461617 | -.001373 | .0111097 | .2461725 | 2.440922 | .5146178 |
| #2 | 5.332494 | -.455321 | -.000370 | .0119195 | .2481980 | 2.477691 | .5076378 |
| #3 | 5.297685 | -.457181 | -.000531 | .0116325 | .2436488 | 2.437538 | .5056771 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-01 Acquired: 4/14/2025 17:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.653063 | .1942699 | .0600018 |
| Stddev | .003954 | .0015728 | .0003553 |
| %RSD | .1490255 | .8096181 | .5921791 |
| | | | |
| #1 | 2.651470 | .1941669 | .0600645 |
| #2 | 2.650154 | .1958917 | .0603216 |
| #3 | 2.657564 | .1927511 | .0596193 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3251.825 | 79062.95 | 15813.03 | 2177.248 | 4083.989 |
| Stddev | 3.617 | 234.39 | 60.81 | 10.046 | 8.276 |
| %RSD | .1112452 | .2964596 | .3845447 | .4614108 | .2026386 |
| | | | | | |
| #1 | 3255.961 | 78989.15 | 15758.57 | 2177.741 | 4077.942 |
| #2 | 3249.250 | 78874.34 | 15801.88 | 2166.964 | 4080.604 |
| #3 | 3250.264 | 79325.36 | 15878.64 | 2187.038 | 4093.420 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-05 Acquired: 4/14/2025 17:43:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0232618 | .0028316 | .0671987 | .0027033 | -.002461 | 16.01387 | .0415333 |
| Stddev | .0004614 | .0022029 | .0014185 | .0032971 | .001429 | .02098 | .0001356 |
| %RSD | 1.983641 | 77.79845 | 2.110881 | 121.9629 | 58.05755 | .1310318 | .3265216 |
| #1 | .0231881 | .0047247 | .0670977 | .0004593 | -.002588 | 15.99464 | .0413776 |
| #2 | .0237556 | .0004136 | .0686649 | .0011619 | -.003822 | 16.01071 | .0416258 |
| #3 | .0228416 | .0033564 | .0658334 | .0064887 | -.000973 | 16.03625 | .0415965 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0030953 | -.003008 | 2.028263 | .0900941 | .0121125 | .0866663 | 95.38931 |
| Stddev | .0000732 | .000192 | .005897 | .0002001 | .0001520 | .0007576 | .38044 |
| %RSD | 2.365118 | 6.398249 | .2907409 | .2220675 | 1.255227 | .8741604 | .3988274 |
| #1 | .0031756 | -.002974 | 2.022295 | .0898852 | .0120246 | .0875075 | 95.29793 |
| #2 | .0030323 | -.003216 | 2.028409 | .0902840 | .0120249 | .0860378 | 95.80711 |
| #3 | .0030779 | -.002836 | 2.034086 | .0901132 | .0122881 | .0864534 | 95.06288 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1615752 | 1.632581 | .0225310 | -.004399 | .3328784 | .1400304 | .1523040 |
| Stddev | .0007991 | .024494 | .0004661 | .000107 | .0011828 | .0014060 | .0011796 |
| %RSD | .4945488 | 1.500304 | 2.068557 | 2.440411 | .3553111 | 1.004036 | .7745304 |
| #1 | .1606543 | 1.631800 | .0222715 | -.004375 | .3315550 | .1394006 | .1531651 |
| #2 | .1620852 | 1.608488 | .0230691 | -.004517 | .3338320 | .1390495 | .1527876 |
| #3 | .1619862 | 1.657456 | .0222524 | -.004306 | .3332483 | .1416412 | .1509595 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6306807 | -.123907 | .0008896 | .0018175 | .6808325 | 2.726789 | 1.202069 |
| Stddev | .0111657 | .002642 | .0001602 | .0007933 | .0014909 | .022565 | .004416 |
| %RSD | 1.770413 | 2.132605 | 18.01256 | 43.64729 | .2189807 | .8275296 | .3673959 |
| #1 | .6204549 | -.123968 | .0007752 | .0018935 | .6795095 | 2.717004 | 1.207165 |
| #2 | .6425941 | -.121234 | .0010727 | .0025701 | .6824479 | 2.752595 | 1.199704 |
| #3 | .6289933 | -.126518 | .0008209 | .0009889 | .6805401 | 2.710768 | 1.199340 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-05 Acquired: 4/14/2025 17:43:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1374152 | .0449111 | .0107743 |
| Stddev | .0017271 | .0006527 | .0000783 |
| %RSD | 1.256836 | 1.453309 | .7270480 |
| | | | |
| #1 | .1394092 | .0442139 | .0107902 |
| #2 | .1363921 | .0455076 | .0106892 |
| #3 | .1364443 | .0450116 | .0108434 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2843.628 | 68906.16 | 13418.65 | 1885.793 | 4354.998 |
| Stddev | 5.457 | 127.86 | 61.19 | 13.549 | 8.872 |
| %RSD | .1919016 | .1855626 | .4560020 | .7185018 | .2037191 |
| | | | | | |
| #1 | 2840.654 | 68813.34 | 13390.72 | 1877.962 | 4349.211 |
| #2 | 2849.926 | 68853.14 | 13488.82 | 1877.977 | 4365.212 |
| #3 | 2840.303 | 69052.01 | 13376.40 | 1901.438 | 4350.570 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-09 Acquired: 4/14/2025 17:48:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0376292 | .0032776 | .1022142 | .0050601 | -.004575 | 30.92623 | .1171516 |
| Stddev | .0008096 | .0015614 | .0020423 | .0008597 | .002120 | .05026 | .0012977 |
| %RSD | 2.151435 | 47.63770 | 1.998087 | 16.98955 | 46.32776 | .1625058 | 1.107685 |
| #1 | .0380922 | .0049719 | .1024249 | .0040956 | -.002704 | 30.92659 | .1168736 |
| #2 | .0366944 | .0018966 | .1000746 | .0057458 | -.006877 | 30.87580 | .1185657 |
| #3 | .0381010 | .0029643 | .1041430 | .0053388 | -.004144 | 30.97631 | .1160154 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0043813 | -.005357 | 2.800578 | .1729528 | .0248434 | .1069382 | 152.0739 |
| Stddev | .0000962 | .000048 | .007785 | .0006180 | .0001632 | .0000162 | .4299 |
| %RSD | 2.195824 | .8957261 | .2779660 | .3572913 | .6570941 | .0151347 | .2826804 |
| #1 | .0042902 | -.005302 | 2.795402 | .1731613 | .0246592 | .1069500 | 151.5775 |
| #2 | .0043717 | -.005374 | 2.809531 | .1722576 | .0249010 | .1069448 | 152.3254 |
| #3 | .0044819 | -.005394 | 2.796803 | .1734395 | .0249701 | .1069197 | 152.3187 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3153295 | 1.622921 | .0285649 | -.004307 | .9073239 | .3262006 | .1447582 |
| Stddev | .0003440 | .004726 | .0001071 | .000351 | .0158275 | .0001900 | .0002191 |
| %RSD | .1090812 | .2912295 | .3749690 | 8.137997 | 1.744412 | .0582376 | .1513850 |
| #1 | .3149352 | 1.628325 | .0286600 | -.004109 | .9135757 | .3259824 | .1449554 |
| #2 | .3154857 | 1.620881 | .0284489 | -.004100 | .8893254 | .3262902 | .1445223 |
| #3 | .3155677 | 1.619557 | .0285859 | -.004712 | .9190706 | .3263293 | .1447969 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.024260 | -.129234 | .0037434 | .0044415 | .7864612 | 5.186041 | 1.540248 |
| Stddev | .007220 | .000926 | .0001503 | .0002546 | .0007046 | .021816 | .006456 |
| %RSD | .3566832 | .7167431 | 4.015866 | 5.732346 | .0895954 | .4206608 | .4191734 |
| #1 | 2.022726 | -.129382 | .0035803 | .0044958 | .7871846 | 5.161014 | 1.547602 |
| #2 | 2.017930 | -.128242 | .0038765 | .0046646 | .7857769 | 5.201033 | 1.535509 |
| #3 | 2.032124 | -.130077 | .0037734 | .0041641 | .7864222 | 5.196077 | 1.537633 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-09 Acquired: 4/14/2025 17:48:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.009400 | .0782555 | .0279677 |
| Stddev | .006844 | .0006487 | .0000351 |
| %RSD | .6780365 | .8290063 | .1256588 |
| | | | |
| #1 | 1.013100 | .0787580 | .0279272 |
| #2 | 1.013599 | .0784855 | .0279853 |
| #3 | 1.001503 | .0775231 | .0279906 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2896.348 | 70789.45 | 14794.25 | 1905.602 | 4218.680 |
| Stddev | 6.375 | 104.68 | 37.81 | 9.266 | 5.400 |
| %RSD | .2201035 | .1478816 | .2555693 | .4862335 | .1280133 |
| | | | | | |
| #1 | 2901.918 | 70793.94 | 14778.23 | 1907.656 | 4213.050 |
| #2 | 2889.395 | 70891.82 | 14837.44 | 1913.668 | 4219.175 |
| #3 | 2897.730 | 70682.59 | 14767.10 | 1895.482 | 4223.816 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BL Acquired: 4/14/2025 17:52:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006128 | -.000795 | .0008128 | -.001426 | .0012979 | .0031289 | -.000284 |
| Stddev | .0022127 | .001126 | .0007609 | .003176 | .0008568 | .0031183 | .000615 |
| %RSD | 361.0825 | 141.5162 | 93.61560 | 222.7260 | 66.01610 | 99.66125 | 216.5942 |
| #1 | .0025919 | .000318 | .0016797 | -.000045 | .0011420 | .0065068 | -.000246 |
| #2 | .0010228 | -.001933 | .0002552 | .000826 | .0005297 | .0003600 | -.000916 |
| #3 | -.001776 | -.000771 | .0005036 | -.005059 | .0022220 | .0025199 | .000311 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000016 | -.000030 | -.002766 | -.000136 | -.000027 | .0062404 | .0048343 |
| Stddev | .000025 | .000065 | .002632 | .000090 | .000173 | .0005728 | .0031070 |
| %RSD | 155.9577 | 213.7102 | 95.17934 | 66.39622 | 647.5807 | 9.178136 | 64.27081 |
| #1 | -.000034 | -.000104 | .000222 | -.000164 | -.000205 | .0067534 | .0041731 |
| #2 | .000013 | -.000006 | -.003776 | -.000208 | -.000016 | .0056224 | .0082187 |
| #3 | -.000027 | .000019 | -.004743 | -.000035 | .000141 | .0063453 | .0021111 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002309 | .0001100 | .0007074 | -.000186 | -.020243 | .0001051 | .0001231 |
| Stddev | .0004770 | .0057205 | .0002275 | .000177 | .004816 | .0007144 | .0002540 |
| %RSD | 206.5633 | 5202.883 | 32.15580 | 95.19255 | 23.79256 | 679.4283 | 206.2456 |
| #1 | .0003289 | .0066564 | .0007430 | -.000196 | -.022541 | -.000179 | -.000135 |
| #2 | -.000287 | -.002401 | .0004642 | -.000357 | -.014708 | -.000423 | .000373 |
| #3 | .000651 | -.003926 | .0009149 | -.000004 | -.023481 | .000918 | .000131 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.037249 | -.001709 | -.000379 | -.000439 | -.000771 | .0082188 | .0023317 |
| Stddev | .031571 | .000419 | .000063 | .000830 | .000424 | .0027500 | .0027950 |
| %RSD | 84.75554 | 24.51476 | 16.58795 | 189.0337 | 54.96323 | 33.46000 | 119.8699 |
| #1 | -.073684 | -.002193 | -.000422 | .000455 | -.000808 | .0051563 | .0052315 |
| #2 | -.020074 | -.001465 | -.000307 | -.001186 | -.000331 | .0104769 | -.000345 |
| #3 | -.017990 | -.001471 | -.000408 | -.000586 | -.001176 | .0090232 | .002109 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BL Acquired: 4/14/2025 17:52:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.003120 | -.000379 | .0000173 |
| Stddev | .003222 | .000358 | .0000456 |
| %RSD | 103.2538 | 94.36737 | 263.1456 |
| | | | |
| #1 | -.006734 | -.000452 | -.000019 |
| #2 | -.002080 | -.000695 | .000002 |
| #3 | -.000547 | .000009 | .000068 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2856.039 | 69298.20 | 14105.44 | 1850.132 | 4612.057 |
| Stddev | 3.870 | 162.13 | 52.83 | 4.122 | 3.648 |
| %RSD | .1355060 | .2339529 | .3745636 | .2228065 | .0790959 |
| | | | | | |
| #1 | 2856.923 | 69485.39 | 14114.11 | 1852.390 | 4608.625 |
| #2 | 2851.804 | 69206.26 | 14153.40 | 1845.374 | 4611.657 |
| #3 | 2859.392 | 69202.94 | 14048.81 | 1852.632 | 4615.888 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BS Acquired: 4/14/2025 17:56:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8011289 | 2.050231 | .9990937 | 2.017653 | .8097910 | 1.895105 |
| Stddev | .0037721 | .009483 | .0013354 | .005775 | .0037397 | .002376 |
| %RSD | .4708482 | .4625101 | .1336630 | .2862137 | .4618090 | .1253723 |
| #1 | .7994718 | 2.049429 | .9984671 | 2.015193 | .8061237 | 1.894909 |
| #2 | .7984691 | 2.041175 | .9981868 | 2.013515 | .8135991 | 1.892833 |
| #3 | .8054460 | 2.060089 | 1.000627 | 2.024250 | .8096501 | 1.897573 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1931598 | .1904702 | .2024777 | 1.007211 | .3988164 | .1965210 |
| Stddev | .0012323 | .0007112 | .0007047 | .003214 | .0005990 | .0008925 |
| %RSD | .6379618 | .3733845 | .3480505 | .3191427 | .1501926 | .4541685 |
| #1 | .1922881 | .1898219 | .2017452 | 1.005696 | .3991861 | .1955419 |
| #2 | .1926216 | .1912309 | .2025372 | 1.010903 | .3991378 | .1967317 |
| #3 | .1945696 | .1903579 | .2031509 | 1.005034 | .3981253 | .1972893 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3079142 | 3.067182 | .1981752 | 1.885200 | .4923222 | .0731426 |
| Stddev | .0001143 | .011768 | .0004816 | .004835 | .0009421 | .0004994 |
| %RSD | .0371273 | .3836906 | .2430197 | .2564775 | .1913659 | .6827576 |
| #1 | .3079847 | 3.079963 | .1983136 | 1.888013 | .4914663 | .0733192 |
| #2 | .3079755 | 3.064789 | .1985725 | 1.887970 | .4921686 | .0725789 |
| #3 | .3077823 | 3.056794 | .1976396 | 1.879617 | .4933317 | .0735297 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.851609 | .2894795 | .1981865 | 9.789940 | .2759728 | .4102154 |
| Stddev | .006625 | .0017998 | .0010145 | .009825 | .0004722 | .0002508 |
| %RSD | .2323277 | .6217396 | .5118959 | .1003566 | .1711131 | .0611399 |
| #1 | 2.849030 | .2878577 | .1992738 | 9.790258 | .2757635 | .4100360 |
| #2 | 2.846661 | .2891648 | .1980204 | 9.799602 | .2765135 | .4101083 |
| #3 | 2.859136 | .2914158 | .1972652 | 9.779960 | .2756414 | .4105020 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BS Acquired: 4/14/2025 17:56:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6971908 | .1960911 | F .7025236 | 5.863297 | F -.005166 | .2026153 |
| Stddev | .0021246 | .0001967 | .0023811 | .014891 | .000565 | .0010403 |
| %RSD | .3047371 | .1003241 | .3389325 | .2539646 | 10.94433 | .5134303 |
| #1 | .6967367 | .1963123 | .7000623 | 5.855910 | -.004588 | .2035358 |
| #2 | .6953300 | .1960252 | .7026929 | 5.853543 | -.005718 | .2028234 |
| #3 | .6995057 | .1959358 | .7048154 | 5.880436 | -.005192 | .2014867 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2019851 |
| Stddev | .0000850 |
| %RSD | .0420727 |
| #1 | .2018881 |
| #2 | .2020466 |
| #3 | .2020205 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2808.672 | 67423.21 | 13840.40 | 1865.369 | 4390.104 |
| Stddev | 4.220 | 104.46 | 24.27 | 9.381 | 2.882 |
| %RSD | .1502537 | .1549294 | .1753725 | .5028944 | .0656588 |
| #1 | 2803.939 | 67329.43 | 13837.97 | 1854.893 | 4390.578 |
| #2 | 2810.032 | 67535.79 | 13817.44 | 1872.992 | 4392.720 |
| #3 | 2812.044 | 67404.39 | 13865.80 | 1868.222 | 4387.014 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BL Acquired: 4/14/2025 18:00:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000142 | -.001113 | .0001563 | -.001438 | .0004857 | .0048740 | .0001166 |
| Stddev | .001796 | .000313 | .0005490 | .002706 | .0013633 | .0071777 | .0012614 |
| %RSD | 1267.699 | 28.14021 | 351.3787 | 188.1678 | 280.7128 | 147.2647 | 1081.680 |
| #1 | .001523 | -.001427 | .0007518 | -.002830 | .0016917 | .0012834 | .0014695 |
| #2 | .000097 | -.001110 | .0000468 | -.003166 | -.000994 | .0131386 | -.001027 |
| #3 | -.002045 | -.000801 | -.000330 | .001681 | .000759 | .0002002 | -.000092 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000028 | -.000027 | -.010804 | -.000143 | .0000798 | .0002060 | .0016201 |
| Stddev | .000017 | .000024 | .006989 | .000211 | .0000037 | .0006318 | .0019699 |
| %RSD | 59.64297 | 91.87102 | 64.68680 | 147.8206 | 4.669788 | 306.6239 | 121.5880 |
| #1 | -.000045 | -.000055 | -.012621 | -.000386 | .0000766 | -.000442 | -.000342 |
| #2 | -.000029 | -.000015 | -.016706 | -.000023 | .0000789 | .000239 | .003597 |
| #3 | -.000011 | -.000010 | -.003086 | -.000019 | .0000839 | .000821 | .001605 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004176 | .0101358 | -.000386 | -.000152 | -.013462 | -.000108 | -.000447 |
| Stddev | .0002770 | .0069774 | .000607 | .000489 | .003625 | .000575 | .000261 |
| %RSD | 66.32538 | 68.83890 | 157.3385 | 320.7667 | 26.92825 | 532.2116 | 58.45629 |
| #1 | .0001723 | .0150553 | -.000599 | .000411 | -.010517 | -.000405 | -.000446 |
| #2 | .0007180 | .0021504 | -.000858 | -.000463 | -.012358 | -.000474 | -.000186 |
| #3 | .0003627 | .0132018 | .000299 | -.000405 | -.017511 | .000554 | -.000708 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0011095 | -.001282 | -.000420 | -.000175 | -.000382 | .0034758 | .0007310 |
| Stddev | .0228033 | .000570 | .000137 | .000588 | .000534 | .0065366 | .0016199 |
| %RSD | 2055.280 | 44.49392 | 32.59888 | 336.0584 | 139.5842 | 188.0574 | 221.5984 |
| #1 | -.001250 | -.001641 | -.000308 | -.000149 | -.000782 | .0034436 | .0003523 |
| #2 | .025001 | -.000624 | -.000573 | -.000776 | -.000588 | .0100285 | -.000666 |
| #3 | -.020422 | -.001581 | -.000380 | .000400 | .000224 | -.003045 | .002507 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BL Acquired: 4/14/2025 18:00:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0004091 | -.000562 | -.000056 |
| Stddev | .0021665 | .001188 | .000071 |
| %RSD | 529.5281 | 211.2704 | 127.1029 |
| | | | |
| #1 | -.000088 | -.001008 | .000024 |
| #2 | -.001466 | -.001464 | -.000078 |
| #3 | .002781 | .000784 | -.000113 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2835.162 | 68217.02 | 12657.84 | 1900.611 | 4514.448 |
| Stddev | 1.662 | 219.62 | 32.24 | 6.216 | 9.643 |
| %RSD | .0586377 | .3219451 | .2546711 | .3270769 | .2135959 |
| | | | | | |
| #1 | 2835.884 | 67963.84 | 12674.83 | 1894.858 | 4521.145 |
| #2 | 2833.260 | 68356.11 | 12678.04 | 1899.771 | 4518.802 |
| #3 | 2836.341 | 68331.13 | 12620.67 | 1907.205 | 4503.395 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BS Acquired: 4/14/2025 18:12:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7492761 | 1.907872 | .9213846 | 1.881776 | .7515473 | 1.721706 |
| Stddev | .0067418 | .008080 | .0059220 | .000415 | .0047405 | .007314 |
| %RSD | .8997820 | .4234918 | .6427292 | .0220562 | .6307627 | .4247900 |
| #1 | .7505061 | 1.916399 | .9183280 | 1.881912 | .7461467 | 1.723592 |
| #2 | .7420039 | 1.906889 | .9176154 | 1.881310 | .7534753 | 1.713635 |
| #3 | .7553183 | 1.900330 | .9282103 | 1.882106 | .7550201 | 1.727893 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1764244 | .1709897 | .1871711 | .9006899 | .3659587 | .1808740 |
| Stddev | .0011259 | .0008420 | .0005915 | .0039118 | .0009276 | .0004583 |
| %RSD | .6381898 | .4924284 | .3160326 | .4343150 | .2534605 | .2533671 |
| #1 | .1776032 | .1719492 | .1865640 | .9049352 | .3652664 | .1808882 |
| #2 | .1753601 | .1703741 | .1872036 | .8972310 | .3670126 | .1804088 |
| #3 | .1763100 | .1706458 | .1877457 | .8999036 | .3655971 | .1813250 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2849515 | 2.819140 | .1790917 | 1.714660 | .4538674 | .0674023 |
| Stddev | .0008652 | .011830 | .0009709 | .016426 | .0017096 | .0003714 |
| %RSD | .3036264 | .4196279 | .5421033 | .9579871 | .3766709 | .5509395 |
| #1 | .2853992 | 2.816406 | .1790094 | 1.713552 | .4522254 | .0677125 |
| #2 | .2839542 | 2.808917 | .1781646 | 1.731612 | .4537394 | .0675035 |
| #3 | .2855010 | 2.832098 | .1801011 | 1.698815 | .4556374 | .0669908 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.618559 | .2649775 | .1826942 | 8.982324 | .2474965 | .3774112 |
| Stddev | .012218 | .0001524 | .0010715 | .007081 | .0018333 | .0010490 |
| %RSD | .4666009 | .0575005 | .5865105 | .0788292 | .7407274 | .2779355 |
| #1 | 2.604997 | .2651515 | .1828096 | 8.981205 | .2494292 | .3778065 |
| #2 | 2.621972 | .2648681 | .1815697 | 8.975868 | .2457822 | .3762221 |
| #3 | 2.628708 | .2649128 | .1837034 | 8.989897 | .2472780 | .3782051 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BS Acquired: 4/14/2025 18:12:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6445381 | .1774623 | F .6403500 | 5.474642 | F -.008173 | .1834610 |
| Stddev | .0034616 | .0005257 | .0075357 | .012675 | .001458 | .0011771 |
| %RSD | .5370608 | .2962371 | 1.176812 | .2315294 | 17.83478 | .6415892 |
| | | | | | | |
| #1 | .6421943 | .1773490 | .6362703 | 5.460367 | -.007726 | .1848188 |
| #2 | .6429060 | .1770025 | .6357338 | 5.478982 | -.006991 | .1827289 |
| #3 | .6485140 | .1780355 | .6490460 | 5.484578 | -.009801 | .1828355 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1836178 |
| Stddev | .0000280 |
| %RSD | .0152380 |
| | |
| #1 | .1836342 |
| #2 | .1835855 |
| #3 | .1836338 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2764.453 | 67442.83 | 14048.68 | 1842.415 | 4323.577 |
| Stddev | 1.961 | 31.01 | 75.34 | 6.321 | 4.336 |
| %RSD | .0709528 | .0459849 | .5362944 | .3430706 | .1002944 |
| | | | | | |
| #1 | 2766.398 | 67457.68 | 13962.08 | 1837.558 | 4327.403 |
| #2 | 2762.475 | 67463.63 | 14099.16 | 1849.562 | 4324.462 |
| #3 | 2764.486 | 67407.18 | 14084.81 | 1840.126 | 4318.867 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV05 Acquired: 4/14/2025 18:16:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.864772 | 4.914821 | 4.915565 | 4.905767 | 4.909998 | 9.697176 | 9.569751 |
| Stddev | .003837 | .015369 | .006833 | .004385 | .004251 | .024199 | .064656 |
| %RSD | .0788659 | .3127050 | .1390128 | .0893759 | .0865689 | .2495520 | .6756318 |
| #1 | 4.860415 | 4.903093 | 4.907675 | 4.910822 | 4.905152 | 9.687563 | 9.581576 |
| #2 | 4.866257 | 4.909149 | 4.919459 | 4.902983 | 4.913094 | 9.724705 | 9.499999 |
| #3 | 4.867644 | 4.932219 | 4.919562 | 4.903497 | 4.911747 | 9.679260 | 9.627679 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2556805 | 2.465797 | 24.25488 | .9858008 | 2.468968 | 1.239911 | 4.765951 |
| Stddev | .0008721 | .005201 | .05104 | .0029379 | .006860 | .003045 | .026833 |
| %RSD | .3410873 | .2109272 | .2104242 | .2980173 | .2778508 | .2455577 | .5630115 |
| #1 | .2566506 | 2.460345 | 24.19998 | .9881681 | 2.462412 | 1.237524 | 4.780944 |
| #2 | .2549614 | 2.466343 | 24.30089 | .9867215 | 2.468395 | 1.238869 | 4.781937 |
| #3 | .2554296 | 2.470704 | 24.26376 | .9825129 | 2.476096 | 1.243340 | 4.734973 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.429754 | 24.24687 | 2.459210 | 1.231649 | 23.42835 | 2.435418 | 2.455876 |
| Stddev | .006740 | .03954 | .005678 | .002042 | .13186 | .006119 | .003439 |
| %RSD | .2773816 | .1630539 | .2308677 | .1657566 | .5628266 | .2512674 | .1400252 |
| #1 | 2.435939 | 24.23305 | 2.455553 | 1.233198 | 23.44455 | 2.436394 | 2.456612 |
| #2 | 2.430754 | 24.29145 | 2.456327 | 1.232413 | 23.55137 | 2.440990 | 2.452129 |
| #3 | 2.422571 | 24.21609 | 2.465751 | 1.229335 | 23.28914 | 2.428869 | 2.458888 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.62174 | 5.112362 | 4.951649 | 4.937896 | 4.836136 | 4.730812 | 4.913697 |
| Stddev | .16168 | .013466 | .010279 | .009881 | .012143 | .020460 | .010261 |
| %RSD | .6844537 | .2634023 | .2075948 | .2001115 | .2510958 | .4324933 | .2088150 |
| #1 | 23.65025 | 5.125435 | 4.950118 | 4.926644 | 4.841720 | 4.708896 | 4.903377 |
| #2 | 23.76727 | 5.098535 | 4.942221 | 4.941884 | 4.844483 | 4.749413 | 4.923897 |
| #3 | 23.44770 | 5.113116 | 4.962608 | 4.945161 | 4.822205 | 4.734127 | 4.913817 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV05 Acquired: 4/14/2025 18:16:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.894461 | 4.849522 | 4.865926 |
| Stddev | .007986 | .007582 | .024561 |
| %RSD | .1631694 | .1563417 | .5047500 |
| | | | |
| #1 | 4.885577 | 4.850316 | 4.837735 |
| #2 | 4.901045 | 4.856676 | 4.882700 |
| #3 | 4.896760 | 4.841575 | 4.877344 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2718.395 | 64869.60 | 12391.47 | 1761.521 | 4070.670 |
| Stddev | 5.459 | 240.21 | 23.05 | 5.305 | 6.306 |
| %RSD | .2008065 | .3702897 | .1860291 | .3011653 | .1549159 |
| | | | | | |
| #1 | 2717.025 | 65016.59 | 12417.88 | 1767.410 | 4075.497 |
| #2 | 2724.408 | 64592.40 | 12375.38 | 1757.115 | 4072.978 |
| #3 | 2713.752 | 64999.81 | 12381.14 | 1760.037 | 4063.535 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB05 Acquired: 4/14/2025 18:20:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0016676 | .0002459 | -.001034 | -.001155 | .0003601 | -.000769 | .0002335 |
| Stddev | .0009542 | .0010016 | .000698 | .001014 | .0020276 | .003578 | .0007033 |
| %RSD | 57.21939 | 407.2436 | 67.50875 | 87.82028 | 563.1388 | 465.0765 | 301.2506 |
| #1 | .0016428 | -.000498 | -.001835 | -.002287 | -.001838 | .000276 | -.000566 |
| #2 | .0026340 | .001385 | -.000552 | -.000848 | .000762 | .002170 | .000758 |
| #3 | .0007261 | -.000149 | -.000716 | -.000329 | .002157 | -.004754 | .000508 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000131 | -.000028 | -.007488 | .0002037 | .0000701 | .0001546 | .0006599 |
| Stddev | .0000690 | .000063 | .005846 | .0001525 | .0000553 | .0000982 | .0014004 |
| %RSD | 528.1886 | 222.8569 | 78.07253 | 74.89518 | 78.79560 | 63.52014 | 212.2159 |
| #1 | -.000067 | .000014 | -.005829 | .0002989 | .0001297 | .0000666 | .0019191 |
| #2 | .000055 | .000002 | -.013985 | .0002843 | .0000601 | .0002605 | -.000848 |
| #3 | .000051 | -.000101 | -.002651 | .0000277 | .0000206 | .0001366 | .000909 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006038 | -.002284 | -.000104 | -.000188 | -.012036 | .0011443 | -.000151 |
| Stddev | .0001172 | .018638 | .000503 | .000109 | .014670 | .0023336 | .000159 |
| %RSD | 19.40503 | 816.1631 | 484.5468 | 58.01910 | 121.8823 | 203.9361 | 105.2794 |
| #1 | .0006392 | -.000182 | -.000171 | -.000095 | -.011730 | -.001478 | -.000177 |
| #2 | .0006992 | .015215 | .000429 | -.000308 | -.026858 | .002994 | .000019 |
| #3 | .0004730 | -.021883 | -.000571 | -.000161 | .002478 | .001917 | -.000296 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.030449 | .0045736 | -.000128 | -.000487 | -.000563 | .0161672 | .0030858 |
| Stddev | .012268 | .0001191 | .000171 | .000607 | .000529 | .0079909 | .0004215 |
| %RSD | 40.29014 | 2.603344 | 133.1906 | 124.6634 | 93.95149 | 49.42663 | 13.65768 |
| #1 | -.039732 | .0044603 | .000046 | -.000334 | -.000013 | .0169730 | .0028062 |
| #2 | -.035076 | .0046977 | -.000136 | .000029 | -.000608 | .0237247 | .0035706 |
| #3 | -.016541 | .0045628 | -.000295 | -.001155 | -.001067 | .0078039 | .0028807 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB05 Acquired: 4/14/2025 18:20:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0010768 | -.000974 | -.000065 |
| Stddev | .0012486 | .000148 | .000062 |
| %RSD | 115.9546 | 15.15998 | 96.57314 |
| | | | |
| #1 | .0018537 | -.001061 | .000004 |
| #2 | -.000363 | -.001056 | -.000080 |
| #3 | .001740 | -.000803 | -.000118 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2864.257 | 68281.01 | 13504.33 | 1881.861 | 4570.267 |
| Stddev | 4.670 | 107.37 | 56.02 | 4.232 | 7.494 |
| %RSD | .1630296 | .1572409 | .4147976 | .2248679 | .1639745 |
| | | | | | |
| #1 | 2866.735 | 68304.99 | 13488.40 | 1885.537 | 4576.134 |
| #2 | 2858.870 | 68163.68 | 13458.00 | 1877.235 | 4561.825 |
| #3 | 2867.164 | 68374.36 | 13566.58 | 1882.811 | 4572.842 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BL Acquired: 4/14/2025 18:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006381 | -.000252 | .0020164 | -.002154 | -.000800 | -.001627 | .0005366 |
| Stddev | .0018902 | .001527 | .0007542 | .002202 | .001199 | .002672 | .0010999 |
| %RSD | 296.1966 | 606.5297 | 37.40583 | 102.2094 | 149.9072 | 164.2126 | 204.9730 |
| #1 | .0006639 | -.000201 | .0012623 | -.000022 | -.001702 | -.003720 | .0018066 |
| #2 | -.001265 | .001249 | .0027708 | -.004419 | -.001258 | -.002545 | -.000089 |
| #3 | .002515 | -.001804 | .0020161 | -.002020 | .000560 | .001383 | -.000108 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000152 | -.000066 | -.005095 | .0001037 | -.000107 | .0000994 | -.001111 |
| Stddev | .0000419 | .000055 | .006141 | .0003620 | .000114 | .0003235 | .001560 |
| %RSD | 274.8723 | 83.46603 | 120.5182 | 349.0636 | 106.8159 | 325.6234 | 140.3804 |
| #1 | -.000022 | -.000128 | .001980 | .0003533 | -.000228 | .0004181 | .000688 |
| #2 | .000008 | -.000044 | -.008232 | -.000311 | -.000001 | -.000229 | -.001945 |
| #3 | .000060 | -.000025 | -.009034 | .000269 | -.000091 | .000109 | -.002077 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003580 | .0045169 | -.000197 | -.000640 | -.026427 | .0001291 | -.000578 |
| Stddev | .0001127 | .0063190 | .000061 | .000277 | .008834 | .0006524 | .000317 |
| %RSD | 31.49360 | 139.8960 | 30.65295 | 43.28101 | 33.42991 | 505.2174 | 54.89566 |
| #1 | .0004497 | .0082092 | -.000134 | -.000348 | -.033193 | -.000436 | -.000938 |
| #2 | .0003922 | -.002779 | -.000204 | -.000898 | -.016432 | -.000020 | -.000453 |
| #3 | .0002321 | .008121 | -.000254 | -.000673 | -.029655 | .000843 | -.000342 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.059374 | .0009473 | -.000200 | -.000874 | -.000520 | .0026381 | .0038376 |
| Stddev | .012875 | .0006354 | .000178 | .000553 | .000430 | .0057417 | .0009404 |
| %RSD | 21.68436 | 67.07287 | 89.23097 | 63.31937 | 82.79102 | 217.6463 | 24.50517 |
| #1 | -.067369 | .0016776 | -.000018 | -.000947 | -.000991 | -.002719 | .0035103 |
| #2 | -.066232 | .0006427 | -.000374 | -.001386 | -.000146 | .001934 | .0031046 |
| #3 | -.044522 | .0005216 | -.000207 | -.000287 | -.000423 | .008699 | .0048980 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BL Acquired: 4/14/2025 18:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002852 | -.001008 | -.000076 |
| Stddev | .003482 | .000769 | .000038 |
| %RSD | 122.0802 | 76.36000 | 50.31828 |
| | | | |
| #1 | .000615 | -.001889 | -.000035 |
| #2 | -.006348 | -.000662 | -.000111 |
| #3 | -.002822 | -.000471 | -.000081 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2894.700 | 69673.78 | 13643.23 | 1919.841 | 4643.475 |
| Stddev | 5.516 | 79.58 | 37.55 | 3.756 | 5.117 |
| %RSD | .1905399 | .1142158 | .2752257 | .1956541 | .1102024 |
| | | | | | |
| #1 | 2900.443 | 69763.17 | 13604.05 | 1915.507 | 4644.320 |
| #2 | 2894.212 | 69647.51 | 13646.75 | 1922.144 | 4648.117 |
| #3 | 2889.445 | 69610.65 | 13678.90 | 1921.874 | 4637.988 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BS Acquired: 4/14/2025 18:29:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7530660 | 1.950345 | .9459290 | 1.890373 | .7824124 | 1.811730 | .1829782 |
| Stddev | .0042584 | .011919 | .0007729 | .002483 | .0024735 | .007749 | .0007642 |
| %RSD | .5654771 | .6111292 | .0817035 | .1313370 | .3161417 | .4277285 | .4176226 |
| #1 | .7531403 | 1.939929 | .9450366 | 1.889463 | .7816184 | 1.816312 | .1825218 |
| #2 | .7487709 | 1.947761 | .9463801 | 1.888474 | .7851854 | 1.802782 | .1825524 |
| #3 | .7572868 | 1.963344 | .9463703 | 1.893182 | .7804334 | 1.816094 | .1838604 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1952309 | .1919163 | .9537957 | .3762129 | .1865542 | .2912398 | 2.701586 |
| Stddev | .0016206 | .0005305 | .0029856 | .0005114 | .0005694 | .0007675 | .006194 |
| %RSD | .8300978 | .2763955 | .3130235 | .1359360 | .3052463 | .2635133 | .2292905 |
| #1 | .1938642 | .1913099 | .9507922 | .3757460 | .1859019 | .2904019 | 2.699083 |
| #2 | .1948071 | .1922941 | .9567631 | .3767595 | .1869520 | .2914091 | 2.708641 |
| #3 | .1970212 | .1921450 | .9538318 | .3761331 | .1868087 | .2919085 | 2.697035 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1902608 | 1.819968 | .4658832 | .0699022 | 2.460068 | .2763463 | .1885956 |
| Stddev | .0008933 | .014896 | .0017328 | .0003799 | .010538 | .0017423 | .0005982 |
| %RSD | .4695195 | .8184822 | .3719320 | .5435118 | .4283462 | .6304694 | .3171940 |
| #1 | .1894545 | 1.802856 | .4638830 | .0699477 | 2.469920 | .2743430 | .1892746 |
| #2 | .1912211 | 1.830031 | .4668411 | .0695016 | 2.448958 | .2771880 | .1883663 |
| #3 | .1901069 | 1.827017 | .4669256 | .0702574 | 2.461326 | .2775080 | .1881461 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.512258 | .2859593 | .3986263 | .6743269 | .1907969 | .6190111 | 5.532053 |
| Stddev | .057244 | .0018393 | .0002101 | .0028716 | .0003063 | .0051838 | .008521 |
| %RSD | .6724887 | .6432116 | .0526973 | .4258544 | .1605658 | .8374270 | .1540381 |
| #1 | 8.564621 | .2846186 | .3986913 | .6710645 | .1908349 | .6184882 | 5.522966 |
| #2 | 8.521011 | .2852031 | .3983914 | .6764721 | .1910824 | .6244365 | 5.533326 |
| #3 | 8.451141 | .2880561 | .3987962 | .6754440 | .1904733 | .6141086 | 5.539866 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BS Acquired: 4/14/2025 18:29:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.006586 | .1958663 | .1900099 |
| Stddev | .002267 | .0004677 | .0000905 |
| %RSD | 34.42824 | .2388068 | .0476373 |
| | | | |
| #1 | -.008686 | .1960784 | .1900350 |
| #2 | -.006890 | .1953301 | .1899095 |
| #3 | -.004182 | .1961905 | .1900853 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2856.834 | 68995.69 | 12862.07 | 1907.495 | 4469.912 |
| Stddev | 4.203 | 49.28 | 87.46 | 2.137 | 2.040 |
| %RSD | .1471042 | .0714297 | .6800091 | .1120142 | .0456345 |
| | | | | | |
| #1 | 2852.102 | 68972.51 | 12946.59 | 1907.437 | 4470.578 |
| #2 | 2860.131 | 69052.29 | 12867.68 | 1905.388 | 4471.536 |
| #3 | 2858.268 | 68962.27 | 12771.93 | 1909.661 | 4467.623 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BL Acquired: 4/14/2025 18:33:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0017288 | -.001131 | -.000575 | -.002318 | -.000823 | -.000257 | .0006457 |
| Stddev | .0015436 | .000792 | .001146 | .002473 | .002608 | .000773 | .0004811 |
| %RSD | 89.28496 | 70.01460 | 199.3121 | 106.7276 | 316.8267 | 300.6796 | 74.50571 |
| #1 | .0032944 | -.000304 | -.001585 | -.004184 | .001824 | -.000001 | .0005594 |
| #2 | .0016839 | -.001208 | .000670 | -.003257 | -.000903 | -.001126 | .0011641 |
| #3 | .0002082 | -.001882 | -.000809 | .000488 | -.003391 | .000355 | .0002136 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000007 | .0000292 | -.009531 | -.000009 | .0000068 | .0001369 | -.004211 |
| Stddev | .000018 | .0001084 | .001504 | .000232 | .0002907 | .0003802 | .003418 |
| %RSD | 236.5357 | 371.5121 | 15.77505 | 2686.653 | 4302.477 | 277.7275 | 81.17120 |
| #1 | .000011 | .0000076 | -.011008 | -.000187 | -.000194 | -.000032 | -.001351 |
| #2 | -.000009 | -.000067 | -.008003 | -.000093 | .000340 | .000572 | -.003286 |
| #3 | -.000024 | .000147 | -.009583 | .000254 | -.000126 | -.000130 | -.007997 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004013 | .0195846 | -.000113 | -.000433 | -.050901 | .0010714 | -.000469 |
| Stddev | .0002582 | .0167731 | .000133 | .000208 | .016362 | .0003820 | .000258 |
| %RSD | 64.34548 | 85.64470 | 117.8208 | 48.00554 | 32.14475 | 35.65877 | 54.97691 |
| #1 | .0005481 | .0010830 | -.000044 | -.000194 | -.058432 | .0015009 | -.000483 |
| #2 | .0001031 | .0337960 | -.000029 | -.000532 | -.062142 | .0007694 | -.000205 |
| #3 | .0005527 | .0238746 | -.000266 | -.000573 | -.032130 | .0009438 | -.000720 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.019980 | -.000199 | -.000227 | -.000705 | -.000743 | .0020738 | .0041374 |
| Stddev | .001982 | .000933 | .000016 | .000512 | .000214 | .0055131 | .0032271 |
| %RSD | 9.921556 | 469.8635 | 7.102804 | 72.66589 | 28.81749 | 265.8436 | 77.99732 |
| #1 | -.021457 | -.001214 | -.000212 | -.000634 | -.000966 | .0061936 | .0014345 |
| #2 | -.017727 | -.000000 | -.000225 | -.000232 | -.000539 | -.004189 | .0077103 |
| #3 | -.020756 | .000619 | -.000244 | -.001248 | -.000725 | .004217 | .0032674 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BL Acquired: 4/14/2025 18:33:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0006031 | -.001067 | -.000101 |
| Stddev | .0037225 | .000476 | .000036 |
| %RSD | 617.2382 | 44.63913 | 35.12478 |
| | | | |
| #1 | -.003691 | -.001187 | -.000060 |
| #2 | .002576 | -.001472 | -.000122 |
| #3 | .002923 | -.000542 | -.000121 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2864.992 | 68119.58 | 12756.44 | 1869.339 | 4590.360 |
| Stddev | 6.107 | 244.44 | 8.69 | 3.209 | 7.375 |
| %RSD | .2131659 | .3588331 | .0681294 | .1716858 | .1606630 |
| | | | | | |
| #1 | 2862.443 | 68396.76 | 12749.31 | 1867.741 | 4586.170 |
| #2 | 2871.961 | 68027.14 | 12753.88 | 1873.034 | 4598.876 |
| #3 | 2860.573 | 67934.85 | 12766.12 | 1867.244 | 4586.035 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BS Acquired: 4/14/2025 18:38:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8014982 | 2.027321 | .9895762 | 2.033606 | .8445587 | 1.864350 | .1841658 |
| Stddev | .0031902 | .016046 | .0041367 | .013321 | .0068821 | .003929 | .0012993 |
| %RSD | .3980295 | .7915049 | .4180320 | .6550584 | .8148725 | .2107562 | .7054961 |
| #1 | .8046253 | 2.010978 | .9849553 | 2.021343 | .8436150 | 1.868607 | .1844744 |
| #2 | .8016210 | 2.027931 | .9908385 | 2.031696 | .8381971 | 1.860862 | .1827401 |
| #3 | .7982484 | 2.043053 | .9929347 | 2.047780 | .8518639 | 1.863581 | .1852831 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1901085 | .2012008 | .9688220 | .3952078 | .1943663 | .3058459 | 2.940483 |
| Stddev | .0012480 | .0004590 | .0069736 | .0018112 | .0005988 | .0012284 | .005109 |
| %RSD | .6564587 | .2281122 | .7198031 | .4582915 | .3080512 | .4016246 | .1737319 |
| #1 | .1912600 | .2006800 | .9714315 | .3968015 | .1938727 | .3050735 | 2.945361 |
| #2 | .1887824 | .2013762 | .9741145 | .3932381 | .1941938 | .3052020 | 2.940917 |
| #3 | .1902829 | .2015462 | .9609199 | .3955837 | .1950323 | .3072624 | 2.935171 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1900865 | 1.842888 | .4872265 | .0727050 | 2.637386 | .2814951 | .1970543 |
| Stddev | .0005662 | .020373 | .0016919 | .0003946 | .011277 | .0012190 | .0003521 |
| %RSD | .2978690 | 1.105490 | .3472412 | .5426671 | .4275717 | .4330460 | .1786864 |
| #1 | .1905831 | 1.863046 | .4856526 | .0729017 | 2.635721 | .2827934 | .1967536 |
| #2 | .1894699 | 1.822307 | .4870114 | .0722508 | 2.649402 | .2803751 | .1969676 |
| #3 | .1902065 | 1.843313 | .4890157 | .0729627 | 2.627034 | .2813168 | .1974416 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.357218 | .2761966 | .4229905 | .7210683 | .1972244 | .7059467 | 5.817852 |
| Stddev | .040079 | .0021973 | .0024517 | .0020002 | .0006217 | .0020679 | .006277 |
| %RSD | .4283221 | .7955657 | .5796188 | .2774013 | .3152407 | .2929280 | .1078876 |
| #1 | 9.369909 | .2783348 | .4210149 | .7190473 | .1973956 | .7061511 | 5.810635 |
| #2 | 9.389414 | .2739446 | .4222224 | .7211104 | .1977426 | .7079047 | 5.820887 |
| #3 | 9.312329 | .2763104 | .4257344 | .7230471 | .1965350 | .7037841 | 5.822035 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BS Acquired: 4/14/2025 18:38:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.007511 | .1991249 | .1938878 |
| Stddev | .002104 | .0008900 | .0004422 |
| %RSD | 28.00853 | .4469736 | .2280581 |
| | | | |
| #1 | -.009419 | .1989908 | .1941757 |
| #2 | -.007858 | .1983095 | .1941091 |
| #3 | -.005255 | .2000744 | .1933787 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2767.137 | 66953.67 | 13573.37 | 1830.337 | 4325.720 |
| Stddev | 5.816 | 133.27 | 87.39 | 6.109 | 8.262 |
| %RSD | .2101937 | .1990502 | .6438550 | .3337615 | .1910029 |
| | | | | | |
| #1 | 2768.644 | 66805.89 | 13492.59 | 1832.508 | 4332.848 |
| #2 | 2772.052 | 66990.36 | 13666.14 | 1823.439 | 4327.649 |
| #3 | 2760.716 | 67064.75 | 13561.37 | 1835.063 | 4316.665 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BL Acquired: 4/14/2025 18:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0025666 | -.000660 | .0008417 | -.001441 | -.000298 | -.000086 | .0007453 |
| Stddev | .0030430 | .001202 | .0011692 | .000851 | .000853 | .001740 | .0000673 |
| %RSD | 118.5619 | 182.0557 | 138.9101 | 59.05151 | 285.8987 | 2025.869 | 9.027408 |
| #1 | .0030474 | -.001266 | .0017466 | -.002217 | -.001251 | -.000097 | .0008023 |
| #2 | .0053407 | -.001438 | .0012571 | -.000531 | -.000038 | -.001821 | .0007626 |
| #3 | -.000688 | .000724 | -.000478 | -.001574 | .000394 | .001660 | .0006711 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000273 | -.000053 | -.003171 | -.000237 | -.000163 | -.000030 | -.003052 |
| Stddev | .0000213 | .000053 | .005830 | .000190 | .000299 | .000113 | .003037 |
| %RSD | 78.18068 | 99.10347 | 183.8580 | 80.13017 | 183.5991 | 374.8532 | 99.52131 |
| #1 | .0000476 | -.000019 | .000629 | -.000409 | -.000394 | .000069 | -.001545 |
| #2 | .0000051 | -.000114 | -.000258 | -.000269 | -.000269 | -.000007 | -.006548 |
| #3 | .0000292 | -.000027 | -.009884 | -.000033 | .000175 | -.000153 | -.001063 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003995 | .0060005 | -.000342 | -.000251 | -.043017 | .0003815 | -.000293 |
| Stddev | .0003192 | .0037501 | .000131 | .000124 | .015463 | .0015342 | .000168 |
| %RSD | 79.91043 | 62.49618 | 38.38859 | 49.26949 | 35.94616 | 402.0922 | 57.22623 |
| #1 | .0006451 | .0103044 | -.000231 | -.000321 | -.045527 | -.001350 | -.000451 |
| #2 | .0000386 | .0034363 | -.000309 | -.000323 | -.057071 | .001571 | -.000310 |
| #3 | .0005147 | .0042607 | -.000487 | -.000108 | -.026452 | .000924 | -.000117 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.042494 | -.000524 | -.000215 | -.000721 | -.000537 | .0095572 | .0025073 |
| Stddev | .011028 | .000616 | .000368 | .000622 | .000614 | .0049324 | .0012292 |
| %RSD | 25.95274 | 117.4655 | 170.8792 | 86.24297 | 114.3019 | 51.60902 | 49.02383 |
| #1 | -.055228 | -.001103 | .000146 | -.001433 | -.000757 | .0117322 | .0029384 |
| #2 | -.036173 | -.000593 | -.000589 | -.000278 | .000156 | .0039112 | .0011207 |
| #3 | -.036081 | .000123 | -.000202 | -.000453 | -.001011 | .0130283 | .0034630 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BL Acquired: 4/14/2025 18:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.001048 | -.000695 | -.000110 |
| Stddev | .000413 | .000575 | .000023 |
| %RSD | 39.39709 | 82.65391 | 20.99537 |
| | | | |
| #1 | -.000604 | -.001159 | -.000109 |
| #2 | -.001420 | -.000053 | -.000087 |
| #3 | -.001119 | -.000873 | -.000134 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2835.703 | 69182.40 | 13291.76 | 1879.064 | 4519.039 |
| Stddev | 5.366 | 37.21 | 75.79 | 1.552 | 4.030 |
| %RSD | .1892251 | .0537908 | .5701871 | .0826006 | .0891827 |
| | | | | | |
| #1 | 2830.149 | 69148.05 | 13211.33 | 1879.016 | 4515.984 |
| #2 | 2836.102 | 69221.93 | 13361.83 | 1877.537 | 4517.526 |
| #3 | 2840.858 | 69177.21 | 13302.13 | 1880.640 | 4523.607 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BS Acquired: 4/14/2025 18:46:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7840658 | 2.022242 | .9827029 | 1.977305 | .8085271 | 1.882071 | .1924269 |
| Stddev | .0014570 | .008724 | .0019806 | .004175 | .0002881 | .009656 | .0011236 |
| %RSD | .1858296 | .4314091 | .2015501 | .2111686 | .0356388 | .5130288 | .5838908 |
| #1 | .7824724 | 2.020993 | .9806863 | 1.981697 | .8086399 | 1.879163 | .1912484 |
| #2 | .7853303 | 2.031523 | .9827770 | 1.973386 | .8081996 | 1.874204 | .1925464 |
| #3 | .7843945 | 2.014209 | .9846455 | 1.976834 | .8087417 | 1.892846 | .1934860 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1911110 | .2000966 | .9874138 | .3942992 | .1941891 | .3033968 | 2.993974 |
| Stddev | .0010922 | .0002516 | .0096326 | .0003204 | .0005233 | .0005353 | .013862 |
| %RSD | .5714953 | .1257185 | .9755335 | .0812443 | .2694889 | .1764365 | .4629946 |
| #1 | .1919390 | .2003534 | .9772421 | .3946666 | .1936481 | .3032654 | 2.989180 |
| #2 | .1915209 | .1998507 | .9963968 | .3941522 | .1946927 | .3029394 | 2.983146 |
| #3 | .1898732 | .2000857 | .9886025 | .3940787 | .1942266 | .3039855 | 3.009597 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1944232 | 1.877207 | .4842068 | .0729906 | 2.764219 | .2895448 | .1992832 |
| Stddev | .0010698 | .017266 | .0004076 | .0001868 | .039073 | .0007872 | .0011236 |
| %RSD | .5502349 | .9197572 | .0841696 | .2559948 | 1.413522 | .2718678 | .5638424 |
| #1 | .1936569 | 1.883420 | .4837388 | .0729136 | 2.735078 | .2901645 | .1998993 |
| #2 | .1939673 | 1.890506 | .4843985 | .0728545 | 2.748959 | .2886591 | .1999639 |
| #3 | .1956454 | 1.857694 | .4844832 | .0732036 | 2.808618 | .2898109 | .1979862 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.518978 | .2795571 | .4111434 | .6943064 | .1955963 | .6902303 | 5.734305 |
| Stddev | .069448 | .0033340 | .0006125 | .0032984 | .0006881 | .0150586 | .003578 |
| %RSD | .7295791 | 1.192606 | .1489778 | .4750597 | .3518065 | 2.181684 | .0623952 |
| #1 | 9.447915 | .2812528 | .4114322 | .6927648 | .1948298 | .6846347 | 5.730783 |
| #2 | 9.522328 | .2817024 | .4104399 | .6920611 | .1957982 | .6787705 | 5.737936 |
| #3 | 9.586690 | .2757161 | .4115582 | .6980933 | .1961609 | .7072857 | 5.734195 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BS Acquired: 4/14/2025 18:46:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.004485 | .2014430 | .1990662 |
| Stddev | .001952 | .0029882 | .0010520 |
| %RSD | 43.51386 | 1.483396 | .5284905 |
| | | | |
| #1 | -.002931 | .1980728 | .1979028 |
| #2 | -.006676 | .2024870 | .1993449 |
| #3 | -.003848 | .2037690 | .1999508 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2838.655 | 67859.22 | 13695.35 | 1877.083 | 4439.742 |
| Stddev | 5.860 | 109.71 | 66.97 | 2.466 | 8.055 |
| %RSD | .2064269 | .1616776 | .4889680 | .1313755 | .1814281 |
| | | | | | |
| #1 | 2837.721 | 67958.07 | 13649.77 | 1875.685 | 4446.091 |
| #2 | 2844.925 | 67878.42 | 13664.05 | 1875.633 | 4442.454 |
| #3 | 2833.318 | 67741.17 | 13772.23 | 1879.930 | 4430.681 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BL Acquired: 4/14/2025 18:50:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0014596 | -.001679 | .0001360 | -.000374 | .0022611 | .0044255 | .0016657 |
| Stddev | .0007311 | .001742 | .0011853 | .001183 | .0011907 | .0021388 | .0007389 |
| %RSD | 50.08863 | 103.7357 | 871.4525 | 316.0893 | 52.65952 | 48.32825 | 44.36005 |
| #1 | .0023038 | -.003611 | .0014502 | .000616 | .0013628 | .0061968 | .0008448 |
| #2 | .0010281 | -.000229 | -.000852 | -.000054 | .0018089 | .0050302 | .0022776 |
| #3 | .0010470 | -.001197 | -.000190 | -.001684 | .0036116 | .0020495 | .0018747 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000041 | -.000025 | -.001746 | -.000018 | .0000598 | .0002414 | -.001399 |
| Stddev | .000017 | .000042 | .007271 | .000065 | .0002465 | .0000464 | .002448 |
| %RSD | 42.39218 | 168.6822 | 416.5341 | 357.1674 | 412.6380 | 19.20081 | 174.9571 |
| #1 | -.000049 | -.000056 | .003885 | .000034 | .0000366 | .0001933 | -.001811 |
| #2 | -.000052 | .000023 | -.009954 | -.000090 | -.000174 | .0002451 | .001229 |
| #3 | -.000021 | -.000041 | .000833 | .000002 | .000317 | .0002858 | -.003614 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003796 | .0154708 | -.000135 | -.000573 | -.042966 | .0013480 | -.000283 |
| Stddev | .0001193 | .0111416 | .000151 | .000263 | .015787 | .0005511 | .000151 |
| %RSD | 31.41745 | 72.01694 | 111.1809 | 45.92974 | 36.74421 | 40.88413 | 53.23926 |
| #1 | .0004861 | .0072127 | .000038 | -.000699 | -.060505 | .0019811 | -.000452 |
| #2 | .0004021 | .0281432 | -.000230 | -.000270 | -.038501 | .0009753 | -.000237 |
| #3 | .0002507 | .0110566 | -.000215 | -.000749 | -.029891 | .0010877 | -.000161 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.033990 | -.001362 | -.000421 | -.000851 | -.000337 | .0092224 | .0015613 |
| Stddev | .027136 | .000441 | .000298 | .001054 | .000465 | .0042848 | .0019005 |
| %RSD | 79.83714 | 32.33843 | 70.67537 | 123.7638 | 137.8760 | 46.46140 | 121.7225 |
| #1 | -.039621 | -.001002 | -.000186 | -.000473 | .000111 | .0082149 | .0002810 |
| #2 | -.004480 | -.001231 | -.000756 | -.002042 | -.000306 | .0055311 | .0037450 |
| #3 | -.057869 | -.001854 | -.000322 | -.000039 | -.000817 | .0139212 | .0006580 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BL Acquired: 4/14/2025 18:50:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0010160 | -.001118 | -.000093 |
| Stddev | .0017145 | .001202 | .000052 |
| %RSD | 168.7502 | 107.4814 | 55.44535 |
| | | | |
| #1 | .0022414 | -.000246 | -.000063 |
| #2 | .0017500 | -.002488 | -.000064 |
| #3 | -.000943 | -.000620 | -.000153 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2829.484 | 68824.13 | 12858.10 | 1906.405 | 4464.923 |
| Stddev | 5.857 | 156.59 | 73.72 | 7.265 | 15.571 |
| %RSD | .2069890 | .2275291 | .5733110 | .3810919 | .3487325 |
| | | | | | |
| #1 | 2834.900 | 68668.01 | 12808.36 | 1912.759 | 4468.123 |
| #2 | 2830.282 | 68823.16 | 12823.15 | 1898.485 | 4478.645 |
| #3 | 2823.269 | 68981.20 | 12942.79 | 1907.972 | 4448.001 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BS Acquired: 4/14/2025 18:54:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7851373 | 2.021904 | .9823079 | 1.981558 | .8087941 | 1.855676 | .1874936 |
| Stddev | .0006551 | .012800 | .0048251 | .013152 | .0053587 | .001240 | .0002936 |
| %RSD | .0834405 | .6330774 | .4912026 | .6637276 | .6625564 | .0668298 | .1565972 |
| #1 | .7847614 | 2.019676 | .9805939 | 1.967001 | .8082958 | 1.856914 | .1877180 |
| #2 | .7847567 | 2.010364 | .9785739 | 1.985088 | .8037019 | 1.855680 | .1871613 |
| #3 | .7858937 | 2.035672 | .9877561 | 1.992585 | .8143845 | 1.854434 | .1876014 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1994525 | .2000750 | .9779706 | .3866620 | .1935100 | .3019970 | 2.784522 |
| Stddev | .0013381 | .0008462 | .0105644 | .0011098 | .0007534 | .0010196 | .021922 |
| %RSD | .6709033 | .4229247 | 1.080237 | .2870324 | .3893137 | .3376265 | .7872814 |
| #1 | .2009115 | .1994298 | .9887175 | .3854031 | .1929476 | .3013216 | 2.760544 |
| #2 | .1991635 | .1997621 | .9775957 | .3870838 | .1932165 | .3014995 | 2.803537 |
| #3 | .1982825 | .2010330 | .9675987 | .3874992 | .1943659 | .3031699 | 2.789485 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1948427 | 1.868785 | .4835977 | .0707209 | 2.500607 | .2845951 | .1930884 |
| Stddev | .0005385 | .032597 | .0018388 | .0007912 | .035365 | .0006980 | .0010044 |
| %RSD | .2763945 | 1.744296 | .3802316 | 1.118815 | 1.414269 | .2452745 | .5201495 |
| #1 | .1951182 | 1.899145 | .4818416 | .0709315 | 2.460008 | .2840675 | .1922448 |
| #2 | .1951877 | 1.834336 | .4834420 | .0713854 | 2.517095 | .2843312 | .1928210 |
| #3 | .1942222 | 1.872875 | .4855093 | .0698456 | 2.524718 | .2853867 | .1941994 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.738662 | .2888749 | .4084444 | .7006690 | .1936271 | .6361710 | 5.864244 |
| Stddev | .047173 | .0033806 | .0013626 | .0032980 | .0010790 | .0114494 | .028008 |
| %RSD | .5398219 | 1.170269 | .3335972 | .4706888 | .5572341 | 1.799738 | .4776023 |
| #1 | 8.689177 | .2927396 | .4073034 | .6986809 | .1948378 | .6257365 | 5.852809 |
| #2 | 8.783121 | .2874181 | .4080768 | .6988502 | .1927671 | .6343576 | 5.843763 |
| #3 | 8.743688 | .2864668 | .4099531 | .7044759 | .1932764 | .6484189 | 5.896160 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BS Acquired: 4/14/2025 18:54:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.009122 | .1985467 | .1944742 |
| Stddev | .001332 | .0022036 | .0005191 |
| %RSD | 14.59763 | 1.109843 | .2669027 |
| | | | |
| #1 | -.007664 | .1986455 | .1948790 |
| #2 | -.010274 | .2006991 | .1946547 |
| #3 | -.009429 | .1962954 | .1938891 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2821.940 | 69171.22 | 12970.84 | 1914.328 | 4384.001 |
| Stddev | 4.666 | 173.67 | 79.01 | 5.670 | 9.853 |
| %RSD | .1653634 | .2510681 | .6091207 | .2961845 | .2247418 |
| | | | | | |
| #1 | 2822.537 | 69340.97 | 12895.74 | 1920.842 | 4386.820 |
| #2 | 2826.279 | 69178.81 | 12963.54 | 1910.501 | 4392.137 |
| #3 | 2817.003 | 68993.88 | 13053.24 | 1911.641 | 4373.046 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01DLX5 Acquired: 4/14/2025 18:58:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0160036 | -.003163 | 1.438271 | -.002781 | .0175304 | 29.06432 | .2590533 |
| Stddev | .0013172 | .001550 | .001907 | .003737 | .0019455 | .04400 | .0014500 |
| %RSD | 8.230566 | 48.99959 | .1325592 | 134.3600 | 11.09787 | .1513920 | .5597140 |
| #1 | .0145352 | -.004499 | 1.437332 | -.003693 | .0196106 | 29.08420 | .2573942 |
| #2 | .0170811 | -.003524 | 1.437015 | -.005978 | .0157558 | 29.01388 | .2600777 |
| #3 | .0163945 | -.001464 | 1.440464 | .001327 | .0172246 | 29.09487 | .2596879 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0016342 | .0014055 | 24.84217 | .1604423 | .0204197 | 1.105517 | 53.11160 |
| Stddev | .0000498 | .0000408 | .07088 | .0005862 | .0001855 | .002458 | .26793 |
| %RSD | 3.047589 | 2.899153 | .2853242 | .3653620 | .9083109 | .2223801 | .5044747 |
| #1 | .0016401 | .0014525 | 24.76048 | .1610888 | .0202862 | 1.106166 | 53.19691 |
| #2 | .0016808 | .0013803 | 24.88737 | .1602925 | .0206315 | 1.102800 | 53.32650 |
| #3 | .0015817 | .0013837 | 24.87866 | .1599455 | .0203414 | 1.107586 | 52.81140 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7343019 | 12.69258 | .0864558 | .0292048 | 1.283140 | .1066464 | 17.87407 |
| Stddev | .0015421 | .06267 | .0005024 | .0002146 | .011961 | .0012963 | .04453 |
| %RSD | .2100125 | .4937501 | .5811518 | .7346820 | .9321498 | 1.215542 | .2491278 |
| #1 | .7330000 | 12.64443 | .0860199 | .0292223 | 1.285593 | .1081365 | 17.85448 |
| #2 | .7360050 | 12.66986 | .0863421 | .0294101 | 1.293685 | .1057785 | 17.92503 |
| #3 | .7339009 | 12.76344 | .0870053 | .0289820 | 1.270143 | .1060241 | 17.84269 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.030823 | .0438747 | .0061478 | .2115560 | 1.815929 | 1.604669 | 2.213690 |
| Stddev | .018067 | .0014067 | .0000951 | .0012796 | .004045 | .007952 | .008351 |
| %RSD | .8896614 | 3.206106 | 1.546745 | .6048678 | .2227250 | .4955616 | .3772619 |
| #1 | 2.023874 | .0451445 | .0060479 | .2128473 | 1.813763 | 1.605371 | 2.219999 |
| #2 | 2.051334 | .0441171 | .0061581 | .2115324 | 1.820595 | 1.612248 | 2.216853 |
| #3 | 2.017262 | .0423626 | .0062373 | .2102883 | 1.813428 | 1.596390 | 2.204219 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01DLX5 Acquired: 4/14/2025 18:58:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.051252 | .0341313 | .0956536 |
| Stddev | .015460 | .0003196 | .0001651 |
| %RSD | .3816166 | .9364607 | .1725568 |
| | | | |
| #1 | 4.045416 | .0344394 | .0954943 |
| #2 | 4.039559 | .0341532 | .0958239 |
| #3 | 4.068780 | .0338013 | .0956426 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2799.422 | 67870.95 | 14255.46 | 1848.297 | 4234.524 |
| Stddev | 2.330 | 198.09 | 36.93 | 3.140 | .938 |
| %RSD | .0832207 | .2918688 | .2590645 | .1699036 | .0221581 |
| | | | | | |
| #1 | 2801.787 | 67678.19 | 14261.39 | 1848.988 | 4233.456 |
| #2 | 2799.348 | 67860.68 | 14289.07 | 1851.034 | 4235.214 |
| #3 | 2797.130 | 68073.98 | 14215.92 | 1844.869 | 4234.904 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-01 Acquired: 4/14/2025 19:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0607600 | -.041539 | .0531535 | .0009574 | -.010790 | 160.8614 |
| Stddev | .0033426 | .001990 | .0029305 | .0024507 | .004356 | .0529 |
| %RSD | 5.501393 | 4.791764 | 5.513314 | 255.9665 | 40.36798 | .0328610 |
| #1 | .0582974 | -.040425 | .0505830 | .0004034 | -.007280 | 160.8540 |
| #2 | .0594174 | -.043837 | .0563446 | .0036377 | -.015664 | 160.8126 |
| #3 | .0645652 | -.040356 | .0525330 | -.001169 | -.009426 | 160.9176 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0958520 | .0060909 | .0077170 | 123.9354 | .0484767 | .3032662 |
| Stddev | .0005721 | .0000083 | .0007359 | .2879 | .0005493 | .0005770 |
| %RSD | .5968495 | .1361347 | 9.535547 | .2323315 | 1.133214 | .1902783 |
| #1 | .0963434 | .0060902 | .0072069 | 123.9282 | .0488680 | .3029211 |
| #2 | .0952240 | .0060995 | .0073835 | 123.6512 | .0487135 | .3029453 |
| #3 | .0959886 | .0060829 | .0085605 | 124.2269 | .0478487 | .3039324 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8702669 | 386.7843 | 2.548810 | 95.08767 | .2242968 | -.017298 |
| Stddev | .0032095 | 1.8042 | .006046 | .34802 | .0007093 | .000095 |
| %RSD | .3688000 | .4664513 | .2372104 | .3659960 | .3162182 | .5510643 |
| #1 | .8692733 | 387.8773 | 2.553379 | 95.28145 | .2236507 | -.017408 |
| #2 | .8676717 | 387.7738 | 2.541954 | 94.68590 | .2241839 | -.017243 |
| #3 | .8738558 | 384.7019 | 2.551097 | 95.29566 | .2250557 | -.017244 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 28.48095 | 1.349783 | .4687583 | 2.357907 | -.051845 | .0047013 |
| Stddev | .21789 | .001542 | .0021993 | .023064 | .014357 | .0003598 |
| %RSD | .7650204 | .1142041 | .4691687 | .9781368 | 27.69227 | 7.653983 |
| #1 | 28.44195 | 1.350911 | .4673747 | 2.349376 | -.040997 | .0051168 |
| #2 | 28.71570 | 1.348027 | .4676059 | 2.384021 | -.046412 | .0044945 |
| #3 | 28.28519 | 1.350412 | .4712943 | 2.340325 | -.068125 | .0044926 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-01 Acquired: 4/14/2025 19:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.018439 | 10.72988 | 5.852805 | 10.49002 | F 24.11539 | .2505761 |
| Stddev | .001299 | .00688 | .026195 | .03866 | .13061 | .0011651 |
| %RSD | 7.046365 | .0641448 | .4475630 | .3685301 | .5416134 | .4649840 |
| #1 | -.018425 | 10.72978 | 5.866306 | 10.45630 | 24.01637 | .2506846 |
| #2 | -.017146 | 10.72304 | 5.869495 | 10.48154 | 24.06637 | .2516831 |
| #3 | -.019745 | 10.73681 | 5.822614 | 10.53221 | 24.26342 | .2493604 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3434987 |
| Stddev | .0001060 |
| %RSD | .0308545 |
| #1 | .3434618 |
| #2 | .3434162 |
| #3 | .3436182 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3114.603 | 75462.21 | 15618.27 | 2041.120 | 3684.372 |
| Stddev | 8.358 | 287.76 | 42.77 | 11.314 | 8.420 |
| %RSD | .2683563 | .3813342 | .2738522 | .5542931 | .2285211 |
| #1 | 3108.688 | 75427.10 | 15638.86 | 2054.159 | 3684.647 |
| #2 | 3124.165 | 75193.62 | 15646.85 | 2035.295 | 3692.651 |
| #3 | 3110.957 | 75765.92 | 15569.10 | 2033.905 | 3675.819 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV06 Acquired: 4/14/2025 19:07:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.781009 | 4.874640 | 4.872736 | 4.816666 | 4.841706 | 9.634277 |
| Stddev | .007147 | .027064 | .009996 | .005796 | .006205 | .017384 |
| %RSD | .1494899 | .5552093 | .2051453 | .1203260 | .1281567 | .1804403 |
| #1 | 4.774212 | 4.876479 | 4.864867 | 4.822766 | 4.836229 | 9.649887 |
| #2 | 4.780354 | 4.900738 | 4.869358 | 4.811233 | 4.840444 | 9.637403 |
| #3 | 4.788461 | 4.846703 | 4.883984 | 4.815998 | 4.848445 | 9.615542 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.739365 | .2518866 | 2.456291 | 24.24888 | .9566589 | 2.464227 |
| Stddev | .045760 | .0011632 | .003908 | .03411 | .0024574 | .002921 |
| %RSD | .4698428 | .4617862 | .1591175 | .1406719 | .2568745 | .1185164 |
| #1 | 9.708562 | .2507376 | 2.452184 | 24.25043 | .9540712 | 2.462192 |
| #2 | 9.791946 | .2518588 | 2.456724 | 24.28218 | .9569444 | 2.462915 |
| #3 | 9.717587 | .2530635 | 2.459965 | 24.21401 | .9589611 | 2.467573 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.226113 | 4.558559 | 2.437671 | 23.97896 | 2.445523 | 1.187535 |
| Stddev | .002711 | .039685 | .012516 | .05790 | .003332 | .000771 |
| %RSD | .2211316 | .8705711 | .5134559 | .2414519 | .1362464 | .0649316 |
| #1 | 1.226117 | 4.590508 | 2.440139 | 23.91610 | 2.442222 | 1.186653 |
| #2 | 1.223400 | 4.571034 | 2.448769 | 24.03010 | 2.445462 | 1.188080 |
| #3 | 1.228823 | 4.514135 | 2.424104 | 23.99067 | 2.448885 | 1.187872 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.23765 | 2.427793 | 2.354704 | 24.29932 | 5.090388 | 4.888587 |
| Stddev | .15866 | .012560 | .007701 | .13123 | .021243 | .002341 |
| %RSD | .6545895 | .5173577 | .3270383 | .5400510 | .4173069 | .0478948 |
| #1 | 24.37000 | 2.440324 | 2.353628 | 24.40586 | 5.065922 | 4.888036 |
| #2 | 24.28117 | 2.427850 | 2.362886 | 24.33937 | 5.104139 | 4.886570 |
| #3 | 24.06177 | 2.415204 | 2.347598 | 24.15273 | 5.101104 | 4.891155 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV06 Acquired: 4/14/2025 19:07:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.911512 | 4.826003 | F 4.454571 | 4.947218 | 4.882133 | 4.839908 |
| Stddev | .008625 | .013021 | .014270 | .006776 | .004496 | .020906 |
| %RSD | .1755994 | .2698039 | .3203472 | .1369601 | .0920953 | .4319542 |
| #1 | 4.901648 | 4.835655 | 4.438094 | 4.949524 | 4.878111 | 4.862325 |
| #2 | 4.917634 | 4.831162 | 4.462675 | 4.952540 | 4.886987 | 4.836458 |
| #3 | 4.915254 | 4.811194 | 4.462944 | 4.939590 | 4.881300 | 4.820942 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.937864 |
| Stddev | .065304 |
| %RSD | 1.322510 |
| #1 | 4.931927 |
| #2 | 4.875732 |
| #3 | 5.005934 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2759.669 | 68573.98 | 12484.43 | 1855.296 | 4093.486 |
| Stddev | 4.102 | 150.24 | 55.11 | 4.723 | 1.835 |
| %RSD | .1486485 | .2190911 | .4414037 | .2545520 | .0448349 |
| #1 | 2755.498 | 68740.19 | 12547.57 | 1854.927 | 4093.910 |
| #2 | 2763.699 | 68447.82 | 12459.66 | 1850.769 | 4095.073 |
| #3 | 2759.809 | 68533.94 | 12446.06 | 1860.193 | 4091.476 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB06 Acquired: 4/14/2025 19:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0025893 | .0007629 | .0004223 | -.000961 | -.000829 | -.003381 | .0015529 |
| Stddev | .0039253 | .0016702 | .0008579 | .003570 | .002686 | .003645 | .0004742 |
| %RSD | 151.5952 | 218.9268 | 203.1261 | 371.6895 | 324.1960 | 107.8103 | 30.53558 |
| #1 | -.001142 | .0026643 | .0013200 | -.001792 | .002161 | -.004101 | .0016573 |
| #2 | .006683 | .0000912 | .0003363 | .002952 | -.003040 | -.006611 | .0019663 |
| #3 | .002227 | -.000467 | -.000389 | -.004042 | -.001607 | .000571 | .0010352 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000021 | -.000045 | -.011557 | .0001379 | .0000816 | -.000207 | .0006353 |
| Stddev | .000053 | .000024 | .003828 | .0004486 | .0001057 | .000151 | .0016205 |
| %RSD | 250.5631 | 53.01679 | 33.12493 | 325.2989 | 129.6517 | 72.79402 | 255.0668 |
| #1 | -.000082 | -.000052 | -.007200 | -.000286 | -.000040 | -.000373 | .0012853 |
| #2 | .000011 | -.000064 | -.014385 | .000091 | .000154 | -.000078 | .0018299 |
| #3 | .000008 | -.000018 | -.013085 | .000608 | .000130 | -.000171 | -.001209 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003218 | .0074148 | -.000014 | -.000758 | -.050292 | .0009499 | -.000497 |
| Stddev | .0002816 | .0055039 | .000111 | .000257 | .010269 | .0019501 | .000118 |
| %RSD | 87.50759 | 74.22760 | 777.8972 | 33.93850 | 20.41981 | 205.3014 | 23.82157 |
| #1 | .0001907 | .0046438 | -.000069 | -.001017 | -.057833 | .0000657 | -.000623 |
| #2 | .0001297 | .0038472 | .000113 | -.000755 | -.054446 | -.000402 | -.000389 |
| #3 | .0006451 | .0137535 | -.000087 | -.000502 | -.038596 | .003185 | -.000478 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.062589 | .0048548 | -.000017 | -.000477 | -.000449 | .0087799 | .0040357 |
| Stddev | .018684 | .0002806 | .000236 | .000844 | .000115 | .0046716 | .0013441 |
| %RSD | 29.85106 | 5.779991 | 1357.794 | 176.7482 | 25.48267 | 53.20737 | 33.30495 |
| #1 | -.071877 | .0051490 | .000233 | -.000496 | -.000580 | .0052215 | .0033398 |
| #2 | -.074809 | .0048255 | -.000050 | -.001312 | -.000400 | .0070482 | .0031823 |
| #3 | -.041082 | .0045900 | -.000236 | .000376 | -.000367 | .0140701 | .0055850 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB06 Acquired: 4/14/2025 19:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0021154 | -.000953 | -.000057 |
| Stddev | .0015155 | .000678 | .000027 |
| %RSD | 71.64115 | 71.09289 | 47.68735 |
| | | | |
| #1 | .0023650 | -.000201 | -.000064 |
| #2 | .0004906 | -.001516 | -.000079 |
| #3 | .0034906 | -.001144 | -.000027 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2862.887 | 68809.90 | 13891.26 | 1919.181 | 4548.564 |
| Stddev | 2.097 | 233.66 | 39.36 | 5.489 | 3.733 |
| %RSD | .0732602 | .3395712 | .2833366 | .2860019 | .0820709 |
| | | | | | |
| #1 | 2860.901 | 68583.10 | 13873.00 | 1912.918 | 4544.381 |
| #2 | 2862.679 | 69049.87 | 13936.43 | 1923.154 | 4549.756 |
| #3 | 2865.080 | 68796.73 | 13864.35 | 1921.471 | 4551.556 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-03 Acquired: 4/14/2025 19:15:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0322289 | -.029928 | .0479942 | -.003912 | -.012573 | 139.9590 | .1260594 |
| Stddev | .0009830 | .001081 | .0005930 | .002473 | .002244 | .1919 | .0007994 |
| %RSD | 3.049914 | 3.610544 | 1.235566 | 63.21752 | 17.84933 | .1370908 | .6341308 |
| #1 | .0316955 | -.030437 | .0475682 | -.006522 | -.014355 | 140.0261 | .1263925 |
| #2 | .0316279 | -.030659 | .0477431 | -.003611 | -.013312 | 139.7426 | .1266383 |
| #3 | .0333632 | -.028687 | .0486715 | -.001603 | -.010053 | 140.1083 | .1251473 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059692 | .0043495 | 119.3991 | .0462131 | .2912791 | .7680775 | 376.9264 |
| Stddev | .0001858 | .0001468 | .2249 | .0007998 | .0010750 | .0026050 | 1.0749 |
| %RSD | 3.112679 | 3.376268 | .1883962 | 1.730767 | .3690435 | .3391577 | .2851679 |
| #1 | .0061321 | .0041897 | 119.1632 | .0461727 | .2909420 | .7656188 | 375.8709 |
| #2 | .0060088 | .0043802 | 119.6111 | .0454343 | .2904132 | .7678061 | 376.8888 |
| #3 | .0057668 | .0044785 | 119.4231 | .0470324 | .2924823 | .7708075 | 378.0196 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.047616 | 95.77868 | .2077761 | -.016668 | 24.19938 | 1.306992 | .4415113 |
| Stddev | .008746 | .19031 | .0009808 | .000315 | .01528 | .002236 | .0001132 |
| %RSD | .2869703 | .1987015 | .4720641 | 1.890723 | .0631345 | .1710694 | .0256269 |
| #1 | 3.040297 | 95.55962 | .2084405 | -.017011 | 24.18220 | 1.309261 | .4415004 |
| #2 | 3.057301 | 95.87308 | .2066496 | -.016603 | 24.20448 | 1.306924 | .4416295 |
| #3 | 3.045248 | 95.90335 | .2082383 | -.016391 | 24.21145 | 1.304791 | .4414040 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.065967 | .1758544 | .0042011 | -.015926 | 9.592979 | 5.359541 | 9.480283 |
| Stddev | .009239 | .0023463 | .0003913 | .001533 | .006922 | .028055 | .027236 |
| %RSD | .4472194 | 1.334234 | 9.313526 | 9.622755 | .0721619 | .5234557 | .2872923 |
| #1 | 2.055388 | .1737043 | .0039298 | -.015910 | 9.596002 | 5.345311 | 9.464436 |
| #2 | 2.070061 | .1755020 | .0046496 | -.014402 | 9.597875 | 5.341453 | 9.464681 |
| #3 | 2.072452 | .1783570 | .0040238 | -.017467 | 9.585059 | 5.391859 | 9.511732 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-03 Acquired: 4/14/2025 19:15:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.958562 | .2432392 | .3140265 |
| Stddev | .011082 | .0008523 | .0004915 |
| %RSD | .1592627 | .3504104 | .1565004 |
| | | | |
| #1 | 6.960571 | .2429831 | .3141598 |
| #2 | 6.946613 | .2441902 | .3144375 |
| #3 | 6.968503 | .2425442 | .3134821 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3090.328 | 75995.32 | 15682.39 | 2066.466 | 3732.464 |
| Stddev | 12.575 | 149.00 | 27.46 | 3.110 | 17.967 |
| %RSD | .4069081 | .1960589 | .1751266 | .1504978 | .4813809 |
| | | | | | |
| #1 | 3101.840 | 76073.08 | 15689.32 | 2067.688 | 3747.933 |
| #2 | 3092.236 | 76089.35 | 15652.12 | 2068.780 | 3736.704 |
| #3 | 3076.908 | 75823.53 | 15705.72 | 2062.930 | 3712.756 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-05 Acquired: 4/14/2025 19:19:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0309279 | -.041596 | .0602354 | -.005751 | -.011464 | 152.6278 | .1088156 |
| Stddev | .0025134 | .004642 | .0023792 | .002876 | .003200 | .1690 | .0002893 |
| %RSD | 8.126490 | 11.16033 | 3.949761 | 50.01571 | 27.91066 | .1107566 | .2658942 |
| #1 | .0318463 | -.045617 | .0628452 | -.005363 | -.009538 | 152.6488 | .1085611 |
| #2 | .0280845 | -.036516 | .0581875 | -.008802 | -.015157 | 152.7854 | .1091303 |
| #3 | .0328529 | -.042657 | .0596735 | -.003089 | -.009696 | 152.4493 | .1087553 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0066639 | .0112192 | 124.2671 | .0470354 | .3130956 | .8637401 | 397.8504 |
| Stddev | .0000483 | .0005239 | .1656 | .0001599 | .0008604 | .0026570 | 1.5540 |
| %RSD | .7253574 | 4.669545 | .1332954 | .3400187 | .2747943 | .3076178 | .3905967 |
| #1 | .0066506 | .0106149 | 124.3485 | .0468593 | .3133361 | .8619024 | 399.2252 |
| #2 | .0067175 | .0115442 | 124.3762 | .0470753 | .3121406 | .8625314 | 396.1643 |
| #3 | .0066236 | .0114985 | 124.0765 | .0471717 | .3138102 | .8667866 | 398.1616 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.861384 | 95.99570 | .2087322 | -.020064 | 26.51011 | 1.376252 | .5566725 |
| Stddev | .005355 | .24069 | .0008598 | .000344 | .04323 | .002294 | .0023660 |
| %RSD | .1871520 | .2507322 | .4119036 | 1.716488 | .1630586 | .1667016 | .4250207 |
| #1 | 2.866625 | 96.04704 | .2077683 | -.019778 | 26.53603 | 1.375369 | .5591721 |
| #2 | 2.861606 | 96.20659 | .2090083 | -.020446 | 26.53410 | 1.378856 | .5563774 |
| #3 | 2.855922 | 95.73348 | .2094200 | -.019968 | 26.46021 | 1.374530 | .5544679 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.173377 | -.179210 | .0045115 | -.020942 | 11.31454 | 6.138182 | 10.52504 |
| Stddev | .020578 | .002615 | .0002265 | .000666 | .02640 | .016523 | .03009 |
| %RSD | .9468084 | 1.459366 | 5.019469 | 3.178668 | .2333299 | .2691879 | .2858795 |
| #1 | 2.149844 | -.178723 | .0043382 | -.020173 | 11.33951 | 6.152393 | 10.50332 |
| #2 | 2.182299 | -.182034 | .0047677 | -.021329 | 11.31720 | 6.142102 | 10.51243 |
| #3 | 2.187987 | -.176872 | .0044286 | -.021324 | 11.28691 | 6.120051 | 10.55939 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-05 Acquired: 4/14/2025 19:19:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 12.04767 | .2631205 | .3301999 |
| Stddev | .04587 | .0013398 | .0005473 |
| %RSD | .3807038 | .5092002 | .1657451 |
| | | | |
| #1 | 12.02235 | .2633775 | .3306817 |
| #2 | 12.02004 | .2616708 | .3303131 |
| #3 | 12.10061 | .2643132 | .3296049 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3135.825 | 76716.21 | 15610.97 | 2062.292 | 3682.370 |
| Stddev | 7.967 | 84.88 | 22.62 | .617 | 5.801 |
| %RSD | .2540565 | .1106428 | .1448708 | .0299169 | .1575417 |
| | | | | | |
| #1 | 3143.680 | 76692.70 | 15586.31 | 2062.875 | 3688.575 |
| #2 | 3136.043 | 76645.57 | 15615.83 | 2061.646 | 3681.454 |
| #3 | 3127.751 | 76810.38 | 15630.75 | 2062.355 | 3677.082 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-07 Acquired: 4/14/2025 19:23:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0305022 | -.013057 | .0550524 | -.002875 | -.017006 | 137.1885 | .2127084 |
| Stddev | .0003597 | .004216 | .0011865 | .005275 | .001499 | .2009 | .0012462 |
| %RSD | 1.179318 | 32.28971 | 2.155233 | 183.4887 | 8.812858 | .1464552 | .5858531 |
| #1 | .0305993 | -.013325 | .0563515 | -.004767 | -.015410 | 137.0359 | .2115495 |
| #2 | .0308033 | -.008713 | .0547798 | .003085 | -.017226 | 137.4161 | .2140265 |
| #3 | .0301038 | -.017132 | .0540259 | -.006943 | -.018383 | 137.1134 | .2125492 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070318 | .0089456 | 127.7683 | .0259965 | .3036942 | .6546046 | 471.8101 |
| Stddev | .0001533 | .0002978 | .2559 | .0005978 | .0005270 | .0031071 | 1.1319 |
| %RSD | 2.180184 | 3.329262 | .2002942 | 2.299417 | .1735439 | .4746553 | .2399088 |
| #1 | .0069362 | .0088815 | 127.7412 | .0265830 | .3034400 | .6518848 | 472.4818 |
| #2 | .0072086 | .0086850 | 128.0367 | .0260182 | .3033424 | .6539382 | 472.4453 |
| #3 | .0069506 | .0092702 | 127.5271 | .0253881 | .3043001 | .6579909 | 470.5033 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.465301 | 117.3385 | .1701830 | -.020219 | 24.47492 | 1.172307 | .4928984 |
| Stddev | .011021 | .4856 | .0005091 | .000058 | .34513 | .001816 | .0009792 |
| %RSD | .3180450 | .4138684 | .2991663 | .2876106 | 1.410126 | .1549401 | .1986584 |
| #1 | 3.457062 | 117.7537 | .1697865 | -.020218 | 24.07653 | 1.173234 | .4928602 |
| #2 | 3.477821 | 117.4574 | .1700054 | -.020277 | 24.68305 | 1.173473 | .4938961 |
| #3 | 3.461022 | 116.8045 | .1707572 | -.020161 | 24.66517 | 1.170214 | .4919389 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.777309 | 1.080916 | .0008106 | -.010465 | 7.247486 | 6.033932 | 8.664563 |
| Stddev | .016831 | .006010 | .0002007 | .000659 | .021632 | .043328 | .012126 |
| %RSD | .9469810 | .5560146 | 24.75907 | 6.297942 | .2984790 | .7180691 | .1399467 |
| #1 | 1.760577 | 1.087162 | .0008117 | -.009844 | 7.225438 | 5.984620 | 8.678532 |
| #2 | 1.794237 | 1.075173 | .0010108 | -.010394 | 7.268677 | 6.051270 | 8.656746 |
| #3 | 1.777115 | 1.080412 | .0006094 | -.011157 | 7.248343 | 6.065905 | 8.658413 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-07 Acquired: 4/14/2025 19:23:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.576221 | .2879270 | .3395290 |
| Stddev | .025582 | .0013598 | .0015063 |
| %RSD | .5590171 | .4722717 | .4436448 |
| | | | |
| #1 | 4.574724 | .2873233 | .3377903 |
| #2 | 4.551420 | .2894842 | .3403591 |
| #3 | 4.602518 | .2869736 | .3404377 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3037.004 | 76601.37 | 16298.20 | 2032.973 | 3627.942 |
| Stddev | 2.813 | 283.35 | 88.03 | 5.569 | 6.188 |
| %RSD | .0926333 | .3699022 | .5401239 | .2739459 | .1705601 |
| | | | | | |
| #1 | 3039.814 | 76790.63 | 16228.30 | 2031.147 | 3630.568 |
| #2 | 3034.188 | 76275.60 | 16269.24 | 2028.545 | 3632.384 |
| #3 | 3037.011 | 76737.86 | 16397.06 | 2039.226 | 3620.874 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-09 Acquired: 4/14/2025 19:27:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0480413 | -.020500 | .0541350 | .0024564 | -.016241 | 146.9027 | .1907222 |
| Stddev | .0008177 | .006615 | .0023706 | .0013463 | .001734 | .1720 | .0002375 |
| %RSD | 1.702063 | 32.26933 | 4.379011 | 54.80805 | 10.67540 | .1170636 | .1245165 |
| #1 | .0471670 | -.013089 | .0535725 | .0017526 | -.016167 | 147.0219 | .1909255 |
| #2 | .0481698 | -.022601 | .0567363 | .0040087 | -.014545 | 146.7056 | .1904612 |
| #3 | .0487872 | -.025809 | .0520964 | .0016079 | -.018011 | 146.9807 | .1907799 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069791 | .0043334 | 149.8670 | .0293539 | .3055957 | .6995776 | 478.7953 |
| Stddev | .0001102 | .0008067 | .1529 | .0003702 | .0003358 | .0017967 | 3.0824 |
| %RSD | 1.578832 | 18.61524 | .1020303 | 1.260997 | .1098859 | .2568327 | .6437731 |
| #1 | .0069965 | .0035429 | 149.6915 | .0289382 | .3056014 | .6976038 | 482.1573 |
| #2 | .0068613 | .0043019 | 149.9375 | .0296477 | .3052571 | .7000107 | 478.1262 |
| #3 | .0070796 | .0051553 | 149.9719 | .0294759 | .3059287 | .7011181 | 476.1025 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.501450 | 117.0859 | .1805249 | -.019681 | 30.15718 | 1.273400 | .4994479 |
| Stddev | .001647 | .0473 | .0007161 | .000509 | .08164 | .002295 | .0008003 |
| %RSD | .0470376 | .0404370 | .3966744 | 2.584707 | .2707073 | .1802341 | .1602362 |
| #1 | 3.500943 | 117.0896 | .1797014 | -.019205 | 30.07030 | 1.273647 | .4992613 |
| #2 | 3.503291 | 117.0368 | .1808726 | -.019621 | 30.16893 | 1.270991 | .5003250 |
| #3 | 3.500117 | 117.1312 | .1810008 | -.020217 | 30.23230 | 1.275561 | .4987574 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.065247 | 1.989985 | .0017757 | -.011092 | 8.303004 | 6.121004 | 9.141822 |
| Stddev | .028609 | .009971 | .0004502 | .001748 | .006193 | .018548 | .026794 |
| %RSD | 1.385246 | .5010622 | 25.35564 | 15.75793 | .0745902 | .3030289 | .2930887 |
| #1 | 2.084578 | 1.999097 | .0013223 | -.009375 | 8.296632 | 6.140500 | 9.110907 |
| #2 | 2.032382 | 1.991523 | .0022227 | -.011032 | 8.303377 | 6.103577 | 9.156226 |
| #3 | 2.078780 | 1.979334 | .0017820 | -.012870 | 8.309002 | 6.118936 | 9.158332 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-09 Acquired: 4/14/2025 19:27:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 14.49495 | .2788409 | .3985865 |
| Stddev | .03237 | .0014693 | .0006008 |
| %RSD | .2233443 | .5269283 | .1507297 |
| | | | |
| #1 | 14.46714 | .2804186 | .3981585 |
| #2 | 14.48724 | .2785922 | .3983278 |
| #3 | 14.53049 | .2775118 | .3992734 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3003.332 | 74265.31 | 16108.57 | 2020.911 | 3600.492 |
| Stddev | 8.395 | 91.52 | 14.22 | 6.502 | 6.715 |
| %RSD | .2795210 | .1232307 | .0882788 | .3217578 | .1864933 |
| | | | | | |
| #1 | 2994.003 | 74369.65 | 16123.52 | 2027.445 | 3597.043 |
| #2 | 3010.276 | 74227.62 | 16095.21 | 2014.440 | 3608.230 |
| #3 | 3005.718 | 74198.65 | 16106.99 | 2020.848 | 3596.203 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-11 Acquired: 4/14/2025 19:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0390712 | -.019692 | .0529350 | -.001692 | -.015742 | 160.0218 | .1621267 |
| Stddev | .0021483 | .002341 | .0025133 | .000938 | .003693 | .1684 | .0010623 |
| %RSD | 5.498469 | 11.88707 | 4.747876 | 55.44437 | 23.45716 | .1052652 | .6552287 |
| #1 | .0392544 | -.021187 | .0503732 | -.000610 | -.011512 | 160.1566 | .1619066 |
| #2 | .0411221 | -.016994 | .0553968 | -.002283 | -.017391 | 159.8329 | .1632818 |
| #3 | .0368372 | -.020894 | .0530349 | -.002181 | -.018323 | 160.0758 | .1611916 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074899 | .0073598 | 164.4207 | .0351085 | .3090582 | .7033986 | 475.0515 |
| Stddev | .0001059 | .0001178 | .5930 | .0001304 | .0004341 | .0006910 | 1.2292 |
| %RSD | 1.413984 | 1.600405 | .3606723 | .3714733 | .1404592 | .0982318 | .2587471 |
| #1 | .0074015 | .0072257 | 163.7688 | .0352463 | .3091235 | .7032550 | 475.6729 |
| #2 | .0074610 | .0074463 | 164.9282 | .0350920 | .3094560 | .7027908 | 475.8460 |
| #3 | .0076073 | .0074075 | 164.5650 | .0349871 | .3085952 | .7041501 | 473.6357 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.339569 | 130.6497 | .1989175 | -.022181 | 32.60122 | 1.267055 | .4942253 |
| Stddev | .015840 | .3528 | .0004899 | .000248 | .27126 | .002015 | .0013862 |
| %RSD | .4743072 | .2700085 | .2462857 | 1.117678 | .8320496 | .1590032 | .2804709 |
| #1 | 3.329497 | 130.2488 | .1994294 | -.022159 | 32.79819 | 1.268006 | .4956973 |
| #2 | 3.357827 | 130.9126 | .1984530 | -.022439 | 32.71365 | 1.264741 | .4940337 |
| #3 | 3.331384 | 130.7877 | .1988702 | -.021944 | 32.29183 | 1.268419 | .4929449 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.508546 | 1.568529 | .0023852 | -.014169 | 8.655052 | 5.170261 | 8.910456 |
| Stddev | .030314 | .005086 | .0006434 | .001699 | .013396 | .028201 | .003395 |
| %RSD | 1.208426 | .3242401 | 26.97551 | 11.99377 | .1547750 | .5454530 | .0380980 |
| #1 | 2.543153 | 1.565551 | .0027820 | -.015855 | 8.651963 | 5.202176 | 8.912280 |
| #2 | 2.495786 | 1.574402 | .0027308 | -.014195 | 8.669722 | 5.148700 | 8.912548 |
| #3 | 2.486698 | 1.565635 | .0016429 | -.012457 | 8.643470 | 5.159907 | 8.906539 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-11 Acquired: 4/14/2025 19:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 8.086553 | .2940735 | .4068820 |
| Stddev | .025898 | .0003427 | .0010321 |
| %RSD | .3202628 | .1165303 | .2536692 |
| | | | |
| #1 | 8.114503 | .2937859 | .4072707 |
| #2 | 8.081788 | .2944527 | .4076634 |
| #3 | 8.063368 | .2939820 | .4057120 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3004.273 | 74199.02 | 15718.16 | 2030.707 | 3599.093 |
| Stddev | 3.359 | 184.69 | 52.30 | 16.249 | 4.523 |
| %RSD | .1117951 | .2489107 | .3327163 | .8001887 | .1256700 |
| | | | | | |
| #1 | 3006.611 | 74020.15 | 15778.49 | 2013.523 | 3596.633 |
| #2 | 3000.424 | 74187.88 | 15690.28 | 2045.823 | 3596.333 |
| #3 | 3005.784 | 74389.02 | 15685.71 | 2032.776 | 3604.313 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-13 Acquired: 4/14/2025 19:36:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0333237 | -.012598 | .0467438 | .0016711 | -.020614 | 137.1254 | .1584017 |
| Stddev | .0032910 | .003321 | .0010102 | .0031975 | .001449 | .0443 | .0006132 |
| %RSD | 9.875839 | 26.35783 | 2.161190 | 191.3332 | 7.028383 | .0323066 | .3870939 |
| #1 | .0310047 | -.013814 | .0465301 | .0007785 | -.022221 | 137.0742 | .1585207 |
| #2 | .0370903 | -.008841 | .0478438 | .0052201 | -.020214 | 137.1504 | .1589467 |
| #3 | .0318760 | -.015139 | .0458575 | -.000985 | -.019407 | 137.1515 | .1577378 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0066766 | .0046127 | 138.7813 | .0317463 | .2947094 | .7279079 | 463.1816 |
| Stddev | .0000369 | .0006179 | .1937 | .0002149 | .0006723 | .0019738 | 1.1953 |
| %RSD | .5528276 | 13.39637 | .1395733 | .6768520 | .2281087 | .2711552 | .2580533 |
| #1 | .0066344 | .0046907 | 138.9823 | .0316972 | .2939706 | .7262717 | 462.7080 |
| #2 | .0067028 | .0039595 | 138.5959 | .0315603 | .2948724 | .7273519 | 464.5411 |
| #3 | .0066925 | .0051879 | 138.7657 | .0319815 | .2952851 | .7301000 | 462.2957 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.227759 | 121.6733 | .1819959 | -.019037 | 29.11095 | 1.153077 | .4629229 |
| Stddev | .011086 | .1652 | .0001774 | .000378 | .31625 | .002291 | .0012051 |
| %RSD | .3434456 | .1357873 | .0974458 | 1.986738 | 1.086354 | .1987183 | .2603215 |
| #1 | 3.239028 | 121.8536 | .1821481 | -.019388 | 29.17119 | 1.151776 | .4633094 |
| #2 | 3.227384 | 121.5292 | .1820385 | -.018636 | 29.39274 | 1.151732 | .4615719 |
| #3 | 3.216866 | 121.6370 | .1818011 | -.019087 | 28.76891 | 1.155722 | .4638873 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.873073 | .9874104 | .0027657 | -.009879 | 6.399447 | 1.771369 | 8.977585 |
| Stddev | .015821 | .0044730 | .0003575 | .000299 | .013793 | .014712 | .013114 |
| %RSD | .8446404 | .4530032 | 12.92729 | 3.027518 | .2155389 | .8305333 | .1460751 |
| #1 | 1.874077 | .9889364 | .0024519 | -.009921 | 6.410693 | 1.780888 | 8.973059 |
| #2 | 1.888367 | .9823741 | .0031550 | -.010155 | 6.403590 | 1.778794 | 8.967333 |
| #3 | 1.856774 | .9909208 | .0026903 | -.009561 | 6.384057 | 1.754424 | 8.992362 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-13 Acquired: 4/14/2025 19:36:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.629716 | .2755084 | .3941721 |
| Stddev | .016248 | .0010439 | .0011737 |
| %RSD | .2886083 | .3788853 | .2977517 |
| | | | |
| #1 | 5.645370 | .2761911 | .3949116 |
| #2 | 5.612934 | .2760273 | .3947859 |
| #3 | 5.630843 | .2743067 | .3928188 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3017.110 | 75541.51 | 16455.49 | 2037.350 | 3611.890 |
| Stddev | 5.807 | 84.58 | 83.17 | 4.784 | 7.693 |
| %RSD | .1924799 | .1119606 | .5054094 | .2348085 | .2130017 |
| | | | | | |
| #1 | 3021.908 | 75632.63 | 16466.20 | 2039.898 | 3611.486 |
| #2 | 3018.769 | 75465.51 | 16532.79 | 2040.320 | 3619.777 |
| #3 | 3010.654 | 75526.39 | 16367.49 | 2031.831 | 3604.406 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-15 Acquired: 4/14/2025 19:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0329093 | -.018477 | .0455543 | -.001518 | -.014372 | 155.7294 | .1950071 |
| Stddev | .0034764 | .001354 | .0038413 | .003846 | .004280 | .1419 | .0006654 |
| %RSD | 10.56366 | 7.325189 | 8.432322 | 253.3233 | 29.77952 | .0911276 | .3412131 |
| #1 | .0329111 | -.017100 | .0459180 | .002777 | -.010741 | 155.8169 | .1957379 |
| #2 | .0363849 | -.019806 | .0415441 | -.002689 | -.013284 | 155.5657 | .1948471 |
| #3 | .0294320 | -.018526 | .0492008 | -.004642 | -.019091 | 155.8056 | .1944363 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0066739 | .0041801 | 174.3030 | .0376958 | .2978910 | .6901223 | 485.2543 |
| Stddev | .0001683 | .0005874 | .7177 | .0003616 | .0011223 | .0019471 | 1.3900 |
| %RSD | 2.521821 | 14.05300 | .4117733 | .9591873 | .3767336 | .2821382 | .2864555 |
| #1 | .0068677 | .0036275 | 174.8191 | .0373114 | .2974517 | .6878867 | 486.4359 |
| #2 | .0065649 | .0041158 | 174.6064 | .0377467 | .2970549 | .6910335 | 485.6042 |
| #3 | .0065890 | .0047971 | 173.4834 | .0380292 | .2991665 | .6914467 | 483.7227 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.190478 | 122.2350 | .1915317 | -.018009 | 34.57621 | 1.258926 | .4965192 |
| Stddev | .012880 | .6100 | .0005551 | .000605 | .24409 | .003172 | .0019094 |
| %RSD | .4036957 | .4990452 | .2898297 | 3.362188 | .7059551 | .2519404 | .3845661 |
| #1 | 3.203267 | 122.7331 | .1911436 | -.017674 | 34.66874 | 1.260702 | .4982705 |
| #2 | 3.190659 | 122.4172 | .1921676 | -.017644 | 34.29938 | 1.260811 | .4944835 |
| #3 | 3.177509 | 121.5547 | .1912841 | -.018708 | 34.76051 | 1.255264 | .4968037 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.255519 | 1.256586 | .0020498 | -.012805 | 8.115955 | 5.626051 | 9.059845 |
| Stddev | .015032 | .006801 | .0001502 | .002616 | .014763 | .040780 | .009020 |
| %RSD | .6664403 | .5411941 | 7.329208 | 20.42977 | .1819019 | .7248376 | .0995567 |
| #1 | 2.238180 | 1.264166 | .0019118 | -.015566 | 8.132311 | 5.609027 | 9.052491 |
| #2 | 2.264878 | 1.254569 | .0020277 | -.012485 | 8.111936 | 5.596541 | 9.057135 |
| #3 | 2.263499 | 1.251021 | .0022098 | -.010364 | 8.103617 | 5.672584 | 9.069909 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-15 Acquired: 4/14/2025 19:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.818940 | .2888084 | .3948791 |
| Stddev | .019080 | .0007442 | .0008693 |
| %RSD | .3278999 | .2576714 | .2201429 |
| | | | |
| #1 | 5.798607 | .2884773 | .3958521 |
| #2 | 5.821760 | .2882873 | .3941791 |
| #3 | 5.836453 | .2896607 | .3946060 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2941.396 | 72621.98 | 16296.09 | 1943.359 | 3550.087 |
| Stddev | 4.547 | 102.14 | 86.46 | 8.621 | 6.586 |
| %RSD | .1545998 | .1406465 | .5305808 | .4436257 | .1855291 |
| | | | | | |
| #1 | 2946.568 | 72656.73 | 16271.57 | 1951.346 | 3557.578 |
| #2 | 2939.594 | 72702.21 | 16224.54 | 1944.511 | 3547.483 |
| #3 | 2938.026 | 72507.00 | 16392.17 | 1934.219 | 3545.201 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-17 Acquired: 4/14/2025 19:44:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0437427 | -.017035 | .0565504 | -.004895 | -.019784 | 176.9772 | .1230659 |
| Stddev | .0026707 | .002924 | .0021833 | .003199 | .002199 | .0263 | .0008834 |
| %RSD | 6.105404 | 17.16667 | 3.860769 | 65.35601 | 11.11647 | .0148418 | .7178130 |
| #1 | .0467181 | -.013831 | .0540548 | -.004008 | -.017900 | 176.9924 | .1220797 |
| #2 | .0429567 | -.019561 | .0581075 | -.002233 | -.022201 | 176.9923 | .1233334 |
| #3 | .0415532 | -.017712 | .0574890 | -.008445 | -.019251 | 176.9469 | .1237847 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0077705 | .0120604 | 180.1882 | .0440167 | .3334801 | .8156185 | 492.1047 |
| Stddev | .0001255 | .0016720 | .3606 | .0001686 | .0033519 | .0073775 | 4.7609 |
| %RSD | 1.615543 | 13.86320 | .2001391 | .3831089 | 1.005130 | .9045327 | .9674483 |
| #1 | .0076343 | .0102018 | 179.8842 | .0438234 | .3302402 | .8087930 | 495.7027 |
| #2 | .0077956 | .0134422 | 180.0937 | .0441340 | .3369338 | .8234457 | 493.9052 |
| #3 | .0078816 | .0125373 | 180.5866 | .0440926 | .3332662 | .8146167 | 486.7062 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.135931 | 145.7706 | .2377664 | -.025434 | 38.72173 | 1.335215 | .4976899 |
| Stddev | .010997 | .1070 | .0017239 | .000801 | .16416 | .001515 | .0030226 |
| %RSD | .3506662 | .0734050 | .7250513 | 3.151024 | .4239459 | .1134379 | .6073162 |
| #1 | 3.123745 | 145.6613 | .2367394 | -.024584 | 38.67962 | 1.333977 | .5009241 |
| #2 | 3.138934 | 145.8751 | .2397567 | -.025542 | 38.90284 | 1.336904 | .4949366 |
| #3 | 3.145114 | 145.7754 | .2368032 | -.026176 | 38.58272 | 1.334764 | .4972090 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.743636 | 1.801350 | .0044953 | -.013418 | 8.480717 | 4.497588 | 9.575370 |
| Stddev | .012080 | .012966 | .0001653 | .001236 | .013210 | .020623 | .107601 |
| %RSD | .4402877 | .7198054 | 3.677913 | 9.208505 | .1557623 | .4585450 | 1.123729 |
| #1 | 2.729690 | 1.813487 | .0043107 | -.013349 | 8.466487 | 4.496497 | 9.495769 |
| #2 | 2.750818 | 1.802874 | .0046298 | -.014686 | 8.483076 | 4.518736 | 9.697789 |
| #3 | 2.750401 | 1.787689 | .0045453 | -.012218 | 8.492589 | 4.477532 | 9.532552 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-17 Acquired: 4/14/2025 19:44:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 11.15629 | .3133121 | .4831548 |
| Stddev | .12804 | .0019625 | .0011322 |
| %RSD | 1.147707 | .6263646 | .2343243 |
| | | | |
| #1 | 11.08386 | .3143970 | .4818636 |
| #2 | 11.30413 | .3144926 | .4836234 |
| #3 | 11.08088 | .3110467 | .4839774 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2911.354 | 72908.17 | 15328.09 | 1971.244 | 3474.089 |
| Stddev | 22.974 | 234.68 | 35.42 | 13.562 | 37.039 |
| %RSD | .7891296 | .3218872 | .2310654 | .6879877 | 1.066155 |
| | | | | | |
| #1 | 2929.904 | 72725.03 | 15328.37 | 1955.682 | 3507.579 |
| #2 | 2885.655 | 72826.78 | 15363.37 | 1980.540 | 3434.307 |
| #3 | 2918.503 | 73172.72 | 15292.53 | 1977.511 | 3480.380 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-19 Acquired: 4/14/2025 19:49:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0682494 | -.014648 | .0738163 | -.008990 | -.024351 | 195.0446 | .2819750 |
| Stddev | .0008355 | .008546 | .0012560 | .002312 | .001080 | 2.3000 | .0002360 |
| %RSD | 1.224197 | 58.34485 | 1.701507 | 25.71401 | 4.434953 | 1.179226 | .0836795 |
| #1 | .0686730 | -.017974 | .0751694 | -.010156 | -.023112 | 195.4823 | .2821660 |
| #2 | .0672869 | -.004938 | .0735918 | -.010487 | -.025092 | 192.5572 | .2820477 |
| #3 | .0687882 | -.021030 | .0726877 | -.006328 | -.024849 | 197.0944 | .2817112 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0096703 | .0204692 | 200.7648 | .0549085 | .4118991 | .8000882 | 593.5573 |
| Stddev | .0000921 | .0004147 | .4596 | .0000327 | .0017467 | .0021042 | 3.4470 |
| %RSD | .9520627 | 2.025729 | .2289479 | .0596045 | .4240575 | .2629944 | .5807307 |
| #1 | .0097445 | .0207937 | 200.9997 | .0548882 | .4105713 | .7982647 | 590.8561 |
| #2 | .0096992 | .0206118 | 201.0595 | .0549463 | .4112483 | .7996093 | 592.3763 |
| #3 | .0095673 | .0200020 | 200.2351 | .0548910 | .4138778 | .8023905 | 597.4396 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.840230 | 181.0750 | .2634401 | -.035202 | 27.25232 | 1.536464 | .5590858 |
| Stddev | .025226 | .4007 | .0001323 | .001331 | .02553 | .001023 | .0015428 |
| %RSD | .4319288 | .2213160 | .0502228 | 3.780186 | .0936954 | .0665896 | .2759574 |
| #1 | 5.855096 | 181.2829 | .2635815 | -.036082 | 27.25951 | 1.536319 | .5579248 |
| #2 | 5.854491 | 181.3291 | .2633193 | -.035852 | 27.27349 | 1.537552 | .5608365 |
| #3 | 5.811104 | 180.6130 | .2634197 | -.033671 | 27.22396 | 1.535521 | .5584961 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.365584 | .9601175 | .0015934 | -.011200 | 8.124681 | 4.830954 | 10.17357 |
| Stddev | .015090 | .0065805 | .0004238 | .000521 | .022328 | .015620 | .03181 |
| %RSD | .6379008 | .6853835 | 26.59924 | 4.647539 | .2748178 | .3233278 | .3126393 |
| #1 | 2.357864 | .9548858 | .0019595 | -.011751 | 8.138936 | 4.842408 | 10.14568 |
| #2 | 2.355915 | .9579609 | .0016917 | -.011133 | 8.136158 | 4.813161 | 10.16683 |
| #3 | 2.382972 | .9675056 | .0011291 | -.010717 | 8.098949 | 4.837294 | 10.20821 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-19 Acquired: 4/14/2025 19:49:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 18.59054 | .3414349 | .5091869 |
| Stddev | .06079 | .0016145 | .0010105 |
| %RSD | .3269805 | .4728603 | .1984572 |
| | | | |
| #1 | 18.53488 | .3408573 | .5094954 |
| #2 | 18.58135 | .3401887 | .5100072 |
| #3 | 18.65540 | .3432588 | .5080581 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3065.530 | 75147.17 | 15600.57 | 2048.131 | 3510.557 |
| Stddev | 7.470 | 102.45 | 34.71 | 7.515 | 10.538 |
| %RSD | .2436704 | .1363367 | .2224612 | .3668982 | .3001799 |
| | | | | | |
| #1 | 3074.048 | 75254.82 | 15588.16 | 2045.611 | 3521.720 |
| #2 | 3062.449 | 75050.86 | 15573.78 | 2056.582 | 3509.168 |
| #3 | 3060.094 | 75135.82 | 15639.77 | 2042.200 | 3500.782 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-01 Acquired: 4/14/2025 19:53:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5214984 | .0160103 | 3.233274 | .0090663 | .0434427 | 78.00938 | 1.238149 |
| Stddev | .0016629 | .0027456 | .005727 | .0025170 | .0037888 | .04593 | .001019 |
| %RSD | .3188612 | 17.14914 | .1771121 | 27.76209 | 8.721340 | .0588722 | .0822824 |
| #1 | .5211991 | .0188818 | 3.227318 | .0090124 | .0430564 | 78.00214 | 1.237183 |
| #2 | .5232906 | .0157381 | 3.238740 | .0065767 | .0474098 | 78.05849 | 1.238050 |
| #3 | .5200055 | .0134109 | 3.233765 | .0116099 | .0398618 | 77.96750 | 1.239213 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0106080 | .0037934 | 39.16954 | .1741463 | .0977459 | 3.375954 | 198.9380 |
| Stddev | .0001074 | .0003116 | .16619 | .0009277 | .0003392 | .004885 | .1597 |
| %RSD | 1.012728 | 8.213355 | .4242755 | .5327387 | .3469905 | .1447125 | .0802727 |
| #1 | .0104841 | .0037931 | 38.99072 | .1731560 | .0981340 | 3.372521 | 199.0199 |
| #2 | .0106757 | .0041051 | 39.31924 | .1749954 | .0975976 | 3.373792 | 198.7539 |
| #3 | .0106642 | .0034820 | 39.19866 | .1742873 | .0975062 | 3.381547 | 199.0400 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.291876 | 19.02304 | .9399311 | -.003383 | 5.727703 | .4029194 | 1.734250 |
| Stddev | .006720 | .08734 | .0006314 | .000289 | .027829 | .0012919 | .007435 |
| %RSD | .5201572 | .4591389 | .0671695 | 8.532766 | .4858629 | .3206346 | .4287246 |
| #1 | 1.286679 | 18.93086 | .9396987 | -.003052 | 5.729603 | .4027041 | 1.730797 |
| #2 | 1.299465 | 19.10457 | .9394489 | -.003513 | 5.698973 | .4017486 | 1.729169 |
| #3 | 1.289484 | 19.03367 | .9406457 | -.003583 | 5.754534 | .4043054 | 1.742784 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.109698 | -.157772 | .0216530 | .1615731 | 4.586878 | 8.971607 | 4.519486 |
| Stddev | .050289 | .002485 | .0004486 | .0007478 | .011671 | .026616 | .015666 |
| %RSD | .5520335 | 1.575034 | 2.071683 | .4628294 | .2544477 | .2966685 | .3466297 |
| #1 | 9.159713 | -.155244 | .0214338 | .1615899 | 4.574790 | 8.983260 | 4.501434 |
| #2 | 9.059140 | -.160211 | .0221691 | .1608170 | 4.598082 | 8.941152 | 4.527512 |
| #3 | 9.110241 | -.157860 | .0213562 | .1623123 | 4.587761 | 8.990410 | 4.529512 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-01 Acquired: 4/14/2025 19:53:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.698146 | .2214785 | .3456523 |
| Stddev | .014942 | .0008786 | .0003380 |
| %RSD | .2230700 | .3966959 | .0977779 |
| | | | |
| #1 | 6.691929 | .2206975 | .3455140 |
| #2 | 6.687318 | .2213083 | .3460375 |
| #3 | 6.715193 | .2224298 | .3454054 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3174.502 | 78377.75 | 15650.10 | 2146.025 | 4101.766 |
| Stddev | 2.728 | 149.89 | 90.03 | 14.959 | 3.723 |
| %RSD | .0859488 | .1912464 | .5752399 | .6970723 | .0907739 |
| | | | | | |
| #1 | 3177.520 | 78439.35 | 15751.00 | 2145.202 | 4104.083 |
| #2 | 3172.211 | 78487.03 | 15577.98 | 2161.379 | 4097.472 |
| #3 | 3173.774 | 78206.87 | 15621.34 | 2131.494 | 4103.745 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV07 Acquired: 4/14/2025 19:57:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.739969 | 4.851607 | 4.817307 | 4.770278 | 4.812637 | 9.537342 | 9.614462 |
| Stddev | .012952 | .011829 | .006478 | .015340 | .012967 | .014382 | .118876 |
| %RSD | .2732442 | .2438157 | .1344637 | .3215738 | .2694263 | .1507932 | 1.236431 |
| #1 | 4.725033 | 4.839743 | 4.814985 | 4.752565 | 4.798207 | 9.551798 | 9.687342 |
| #2 | 4.748096 | 4.851677 | 4.812311 | 4.779166 | 4.823310 | 9.537193 | 9.477285 |
| #3 | 4.746779 | 4.863401 | 4.824626 | 4.779102 | 4.816395 | 9.523036 | 9.678758 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2395969 | 2.432195 | 24.00203 | .9739638 | 2.442577 | 1.219351 | 4.830539 |
| Stddev | .0008582 | .001095 | .07836 | .0022779 | .001436 | .001746 | .023805 |
| %RSD | .3581814 | .0450348 | .3264527 | .2338764 | .0587935 | .1431963 | .4928018 |
| #1 | .2402729 | 2.432763 | 23.92445 | .9754634 | 2.441930 | 1.217654 | 4.804940 |
| #2 | .2398863 | 2.430932 | 24.08114 | .9713426 | 2.441579 | 1.219256 | 4.834668 |
| #3 | .2386314 | 2.432890 | 24.00049 | .9750853 | 2.444223 | 1.221143 | 4.852009 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.384481 | 23.71329 | 2.420012 | 1.202730 | 25.44156 | 2.397176 | 2.397697 |
| Stddev | .009861 | .09879 | .001231 | .003038 | .11167 | .003665 | .015451 |
| %RSD | .4135395 | .4165846 | .0508801 | .2525653 | .4389157 | .1528831 | .6444180 |
| #1 | 2.373812 | 23.62839 | 2.420164 | 1.206150 | 25.40575 | 2.393653 | 2.380291 |
| #2 | 2.386371 | 23.82171 | 2.418712 | 1.201693 | 25.35219 | 2.400968 | 2.409791 |
| #3 | 2.393260 | 23.68977 | 2.421160 | 1.200346 | 25.56674 | 2.396907 | 2.403010 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.32863 | 4.783555 | 4.893457 | 4.861328 | 4.759175 | 4.762692 | 4.868732 |
| Stddev | .07458 | .016258 | .006538 | .009895 | .009550 | .022140 | .003133 |
| %RSD | .2944320 | .3398744 | .1336162 | .2035515 | .2006559 | .4648586 | .0643516 |
| #1 | 25.27123 | 4.795835 | 4.887401 | 4.852797 | 4.750393 | 4.741530 | 4.868109 |
| #2 | 25.30175 | 4.789712 | 4.892581 | 4.859010 | 4.757791 | 4.760851 | 4.865958 |
| #3 | 25.41292 | 4.765118 | 4.900390 | 4.872176 | 4.769341 | 4.785695 | 4.872130 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV07 Acquired: 4/14/2025 19:57:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.793343 | 4.732766 | 4.846313 |
| Stddev | .003484 | .013242 | .042312 |
| %RSD | .0726889 | .2797978 | .8730843 |
| | | | |
| #1 | 4.797268 | 4.736010 | 4.894760 |
| #2 | 4.790616 | 4.718203 | 4.816611 |
| #3 | 4.792145 | 4.744085 | 4.827569 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2762.343 | 66677.15 | 13164.13 | 1800.767 | 4129.906 |
| Stddev | 6.038 | 107.71 | 29.86 | 9.815 | 6.504 |
| %RSD | .2185697 | .1615416 | .2268033 | .5450520 | .1574952 |
| | | | | | |
| #1 | 2767.074 | 66569.75 | 13133.28 | 1812.101 | 4131.760 |
| #2 | 2764.412 | 66785.17 | 13166.24 | 1795.160 | 4135.282 |
| #3 | 2755.543 | 66676.54 | 13192.88 | 1795.041 | 4122.676 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB07 Acquired: 4/14/2025 20:01:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0034976 | -.000877 | -.000099 | -.000474 | -.000194 | -.002874 | -.000010 |
| Stddev | .0018325 | .000470 | .001643 | .003618 | .001427 | .004075 | .000769 |
| %RSD | 52.39216 | 53.55152 | 1664.319 | 763.2556 | 735.1405 | 141.7986 | 7440.236 |
| #1 | .0015575 | -.001189 | -.001807 | .003160 | .000574 | -.003727 | -.000795 |
| #2 | .0037363 | -.001106 | .000040 | -.000507 | -.001841 | -.006455 | .000742 |
| #3 | .0051990 | -.000337 | .001471 | -.004075 | .000685 | .001560 | .000021 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000009 | -.000080 | -.008078 | .0000355 | -.000075 | .0000701 | -.004624 |
| Stddev | .000006 | .000096 | .005795 | .0003502 | .000102 | .0003942 | .003230 |
| %RSD | 69.17331 | 120.6310 | 71.74348 | 986.3185 | 135.7124 | 562.5124 | 69.86392 |
| #1 | -.000011 | -.000168 | -.011840 | .0004104 | -.000071 | .0001516 | -.001076 |
| #2 | -.000002 | .000023 | -.010990 | -.000021 | -.000179 | .0004172 | -.007396 |
| #3 | -.000014 | -.000094 | -.001404 | -.000283 | .000025 | -.000359 | -.005400 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004551 | .0096551 | -.000117 | -.000072 | -.057637 | .0012183 | -.000626 |
| Stddev | .0002614 | .0012051 | .000090 | .000163 | .012062 | .0012599 | .000042 |
| %RSD | 57.44111 | 12.48196 | 77.32787 | 226.1988 | 20.92703 | 103.4153 | 6.765566 |
| #1 | .0002516 | .0106106 | -.000030 | .000115 | -.071525 | .0014381 | -.000578 |
| #2 | .0007499 | .0100535 | -.000111 | -.000187 | -.049786 | -.000137 | -.000644 |
| #3 | .0003638 | .0083012 | -.000210 | -.000145 | -.051600 | .002354 | -.000657 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.064363 | .0084429 | .0001129 | -.000653 | -.000019 | .0198370 | .0037768 |
| Stddev | .023160 | .0007068 | .0000593 | .001041 | .000170 | .0036743 | .0005009 |
| %RSD | 35.98289 | 8.370908 | 52.48870 | 159.4550 | 881.2716 | 18.52222 | 13.26134 |
| #1 | -.039799 | .0090125 | .0001703 | -.000761 | -.000002 | .0229910 | .0032165 |
| #2 | -.067488 | .0076520 | .0000519 | .000438 | .000141 | .0207174 | .0041811 |
| #3 | -.085801 | .0086642 | .0001166 | -.001635 | -.000198 | .0158025 | .0039328 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB07 Acquired: 4/14/2025 20:01:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000292 | -.000115 | -.000073 |
| Stddev | .001375 | .000322 | .000024 |
| %RSD | 470.2419 | 278.4372 | 33.20981 |
| | | | |
| #1 | -.000383 | .000096 | -.000086 |
| #2 | -.001620 | -.000485 | -.000045 |
| #3 | .001126 | .000043 | -.000087 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2853.386 | 68878.07 | 13484.87 | 1857.166 | 4589.144 |
| Stddev | 7.260 | 265.51 | 34.10 | 12.116 | 11.020 |
| %RSD | .2544343 | .3854757 | .2528572 | .6523837 | .2401387 |
| | | | | | |
| #1 | 2854.296 | 68575.82 | 13452.67 | 1844.086 | 4593.716 |
| #2 | 2860.148 | 68984.72 | 13481.35 | 1859.406 | 4597.141 |
| #3 | 2845.713 | 69073.67 | 13520.60 | 1868.005 | 4576.573 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-02 Acquired: 4/14/2025 20:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0357268 | .0033194 | .1266165 | -.000634 | -.008107 | 68.21739 | .7304124 |
| Stddev | .0022668 | .0034425 | .0009790 | .002099 | .000822 | .21705 | .0020928 |
| %RSD | 6.344837 | 103.7092 | .7732352 | 330.8471 | 10.14155 | .3181670 | .2865294 |
| #1 | .0339780 | .0051569 | .1259609 | .000828 | -.007162 | 68.46763 | .7325588 |
| #2 | .0382878 | .0054532 | .1261467 | .000308 | -.008499 | 68.10421 | .7303010 |
| #3 | .0349146 | -.000652 | .1277419 | -.003039 | -.008659 | 68.08033 | .7283776 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0077168 | .0026171 | 22.84581 | .1620819 | .1011475 | .1902507 | 186.4165 |
| Stddev | .0002132 | .0000878 | .07145 | .0003945 | .0006556 | .0008964 | .6853 |
| %RSD | 2.762568 | 3.356719 | .3127638 | .2433885 | .6481305 | .4711534 | .3676070 |
| #1 | .0079533 | .0027157 | 22.85773 | .1616266 | .1017653 | .1909373 | 185.8823 |
| #2 | .0075396 | .0025473 | 22.76915 | .1622970 | .1004598 | .1905781 | 187.1892 |
| #3 | .0076574 | .0025883 | 22.91056 | .1623221 | .1012174 | .1892366 | 186.1781 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.363019 | 37.32232 | .2014873 | -.008782 | 4.104690 | .2517842 | .3984490 |
| Stddev | .006768 | .21542 | .0002246 | .000548 | .045592 | .0001290 | .0015680 |
| %RSD | .2863981 | .5771932 | .1114769 | 6.242061 | 1.110724 | .0512525 | .3935263 |
| #1 | 2.365545 | 37.32720 | .2016155 | -.009368 | 4.095463 | .2518889 | .3970015 |
| #2 | 2.355351 | 37.10449 | .2016185 | -.008281 | 4.154189 | .2518237 | .3982307 |
| #3 | 2.368160 | 37.53525 | .2012280 | -.008698 | 4.064417 | .2516401 | .4001147 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.24179 | -.177345 | .0026996 | .0019470 | 2.396567 | 7.850844 | 8.579291 |
| Stddev | .09839 | .003678 | .0003927 | .0001065 | .004101 | .047407 | .003669 |
| %RSD | .8751795 | 2.073648 | 14.54541 | 5.471358 | .1711115 | .6038409 | .0427625 |
| #1 | 11.22701 | -.178210 | .0031301 | .0018458 | 2.400600 | 7.816713 | 8.580710 |
| #2 | 11.34674 | -.173312 | .0023611 | .0020581 | 2.392402 | 7.904973 | 8.575124 |
| #3 | 11.15164 | -.180513 | .0026077 | .0019372 | 2.396700 | 7.830846 | 8.582038 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-02 Acquired: 4/14/2025 20:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0803317 | .2404559 | .0958163 |
| Stddev | .0043565 | .0010237 | .0003861 |
| %RSD | 5.423167 | .4257317 | .4029271 |
| | | | |
| #1 | .0765696 | .2412392 | .0961856 |
| #2 | .0793206 | .2408310 | .0958479 |
| #3 | .0851048 | .2392976 | .0954154 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3297.059 | 82384.39 | 16091.40 | 2176.096 | 4120.030 |
| Stddev | 7.469 | 88.76 | 109.24 | 3.084 | 3.763 |
| %RSD | .2265442 | .1077398 | .6788433 | .1417127 | .0913355 |
| | | | | | |
| #1 | 3288.697 | 82472.32 | 16057.66 | 2179.633 | 4115.689 |
| #2 | 3299.409 | 82294.82 | 16213.52 | 2174.691 | 4122.364 |
| #3 | 3303.071 | 82386.02 | 16003.01 | 2173.966 | 4122.037 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01 Acquired: 4/14/2025 20:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0360174 | -.030433 | .1613473 | -.004993 | -.010014 | 131.7801 | .3688018 |
| Stddev | .0025180 | .002305 | .0008490 | .004112 | .004745 | .0611 | .0014111 |
| %RSD | 6.990970 | 7.574603 | .5261877 | 82.36737 | 47.38478 | .0464015 | .3826063 |
| #1 | .0341167 | -.033021 | .1604142 | -.003694 | -.014263 | 131.7848 | .3693389 |
| #2 | .0388732 | -.029675 | .1615532 | -.001687 | -.010887 | 131.8388 | .3698655 |
| #3 | .0350624 | -.028602 | .1620743 | -.009598 | -.004893 | 131.7168 | .3672011 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074997 | .0073285 | 98.62922 | .2428619 | .1964992 | .5686092 | 275.3257 |
| Stddev | .0001076 | .0003515 | .33448 | .0009331 | .0011572 | .0017045 | 1.2531 |
| %RSD | 1.434001 | 4.796841 | .3391252 | .3842206 | .5889013 | .2997655 | .4551256 |
| #1 | .0073874 | .0073296 | 98.59303 | .2437870 | .1976511 | .5672869 | 276.4666 |
| #2 | .0075099 | .0069764 | 98.98033 | .2428778 | .1953368 | .5680079 | 275.5259 |
| #3 | .0076018 | .0076795 | 98.31432 | .2419210 | .1965099 | .5705329 | 273.9845 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.383421 | 73.46481 | .2687797 | -.015645 | 11.43344 | .6379595 | .4897779 |
| Stddev | .017104 | .32300 | .0008014 | .000213 | .06952 | .0018394 | .0016573 |
| %RSD | .5055103 | .4396651 | .2981826 | 1.359703 | .6080422 | .2883213 | .3383844 |
| #1 | 3.385850 | 73.38732 | .2693487 | -.015410 | 11.50058 | .6372972 | .4881849 |
| #2 | 3.399181 | 73.81951 | .2678632 | -.015701 | 11.43799 | .6400383 | .4896559 |
| #3 | 3.365233 | 73.18761 | .2691273 | -.015824 | 11.36176 | .6365430 | .4914929 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.75290 | -.193696 | .0166848 | -.015268 | 9.463373 | 12.93143 | 10.44561 |
| Stddev | .06519 | .007724 | .0002183 | .000463 | .021584 | .06776 | .01082 |
| %RSD | .4739760 | 3.987693 | 1.308160 | 3.030824 | .2280818 | .5239885 | .1036162 |
| #1 | 13.82710 | -.187152 | .0169232 | -.014759 | 9.470672 | 13.00893 | 10.45102 |
| #2 | 13.72676 | -.202216 | .0166363 | -.015381 | 9.480361 | 12.90201 | 10.45267 |
| #3 | 13.70484 | -.191720 | .0164948 | -.015663 | 9.439085 | 12.88336 | 10.43315 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01 Acquired: 4/14/2025 20:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.362333 | .2228156 | .1859806 |
| Stddev | .022286 | .0008188 | .0006567 |
| %RSD | .3502810 | .3674544 | .3530940 |
| | | | |
| #1 | 6.387230 | .2237311 | .1864232 |
| #2 | 6.344247 | .2225623 | .1862925 |
| #3 | 6.355522 | .2221535 | .1852261 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3112.497 | 77812.95 | 15115.67 | 2119.040 | 3734.850 |
| Stddev | .602 | 336.97 | 49.34 | 4.125 | 7.631 |
| %RSD | .0193415 | .4330551 | .3264136 | .1946447 | .2043176 |
| | | | | | |
| #1 | 3112.683 | 77439.42 | 15099.37 | 2115.069 | 3726.058 |
| #2 | 3112.984 | 77905.31 | 15076.54 | 2123.303 | 3738.736 |
| #3 | 3111.824 | 78094.10 | 15171.09 | 2118.747 | 3739.756 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01DUP Acquired: 4/14/2025 20:14:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0377596 | -.021498 | .1653425 | .0020306 | -.009083 | 125.4605 | .4059838 |
| Stddev | .0004658 | .001164 | .0017978 | .0013231 | .002477 | .1625 | .0002363 |
| %RSD | 1.233687 | 5.416376 | 1.087287 | 65.15589 | 27.27020 | .1294978 | .0582153 |
| #1 | .0373299 | -.021529 | .1655575 | .0020218 | -.011906 | 125.4863 | .4057620 |
| #2 | .0382547 | -.020318 | .1634469 | .0007120 | -.007272 | 125.2866 | .4062324 |
| #3 | .0376942 | -.022647 | .1670231 | .0033581 | -.008071 | 125.6085 | .4059569 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070163 | .0007870 | 65.16445 | .2484508 | .1746184 | .5226065 | 289.8540 |
| Stddev | .0000967 | .0002749 | .04691 | .0006654 | .0002334 | .0012199 | 1.3115 |
| %RSD | 1.377805 | 34.92545 | .0719826 | .2678068 | .1336475 | .2334296 | .4524540 |
| #1 | .0070961 | .0004759 | 65.13237 | .2481191 | .1745077 | .5217822 | 289.7167 |
| #2 | .0070440 | .0009971 | 65.14270 | .2480165 | .1744609 | .5220293 | 288.6167 |
| #3 | .0069088 | .0008880 | 65.21829 | .2492168 | .1748865 | .5240079 | 291.2288 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.566977 | 62.30928 | .2480445 | -.010106 | 11.20642 | .6176051 | .4659920 |
| Stddev | .003187 | .02451 | .0012828 | .000273 | .02710 | .0028699 | .0021938 |
| %RSD | .0893591 | .0393315 | .5171769 | 2.697260 | .2418028 | .4646833 | .4707699 |
| #1 | 3.566765 | 62.31901 | .2480975 | -.010199 | 11.20100 | .6180066 | .4637064 |
| #2 | 3.570265 | 62.32743 | .2467360 | -.010321 | 11.18243 | .6145556 | .4680806 |
| #3 | 3.563900 | 62.28140 | .2493001 | -.009799 | 11.23581 | .6202531 | .4661889 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.05769 | -.114256 | .0090724 | -.011648 | 8.884143 | 7.530538 | 9.525528 |
| Stddev | .05514 | .006374 | .0002572 | .000483 | .007778 | .024955 | .011760 |
| %RSD | .3232401 | 5.578988 | 2.835493 | 4.149512 | .0875529 | .3313867 | .1234533 |
| #1 | 17.05669 | -.114438 | .0091069 | -.011209 | 8.889483 | 7.522557 | 9.517043 |
| #2 | 17.00306 | -.120537 | .0087997 | -.011571 | 8.875218 | 7.510549 | 9.520590 |
| #3 | 17.11332 | -.107793 | .0093107 | -.012166 | 8.887727 | 7.558507 | 9.538952 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01DUP Acquired: 4/14/2025 20:14:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.674901 | .2312016 | .1565534 |
| Stddev | .036538 | .0012206 | .0001230 |
| %RSD | .6438459 | .5279555 | .0785686 |
| | | | |
| #1 | 5.649370 | .2309301 | .1565614 |
| #2 | 5.658577 | .2301395 | .1564266 |
| #3 | 5.716754 | .2325351 | .1566722 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3245.284 | 78094.45 | 16700.11 | 2130.019 | 3932.337 |
| Stddev | 7.026 | 354.07 | 36.67 | 22.956 | 7.147 |
| %RSD | .2165106 | .4533922 | .2195650 | 1.077754 | .1817565 |
| | | | | | |
| #1 | 3248.961 | 78320.98 | 16741.97 | 2143.238 | 3939.726 |
| #2 | 3249.709 | 78275.94 | 16673.71 | 2143.307 | 3931.828 |
| #3 | 3237.182 | 77686.43 | 16684.63 | 2103.512 | 3925.459 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01LX5 Acquired: 4/14/2025 20:18:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0080601 | -.001875 | .0331434 | -.002342 | -.000260 | 28.23629 | .0836195 |
| Stddev | .0009915 | .003084 | .0022956 | .002562 | .000867 | .05465 | .0016065 |
| %RSD | 12.30163 | 164.5018 | 6.926240 | 109.3903 | 333.0250 | .1935528 | 1.921228 |
| #1 | .0082678 | .000701 | .0326139 | .000602 | -.001225 | 28.17334 | .0826775 |
| #2 | .0069812 | -.001033 | .0356575 | -.004065 | .000452 | 28.26400 | .0827064 |
| #3 | .0089313 | -.005292 | .0311589 | -.003564 | -.000008 | 28.27155 | .0854744 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018183 | -.001595 | 22.44786 | .0565253 | .0375425 | .1321693 | 63.70329 |
| Stddev | .0000593 | .000091 | .03158 | .0004814 | .0001384 | .0002452 | .16335 |
| %RSD | 3.259324 | 5.729200 | .1406763 | .8515920 | .3685056 | .1855465 | .2564258 |
| #1 | .0018661 | -.001670 | 22.41296 | .0568894 | .0374669 | .1320981 | 63.63657 |
| #2 | .0017520 | -.001621 | 22.45616 | .0567069 | .0374583 | .1324422 | 63.88944 |
| #3 | .0018367 | -.001493 | 22.47446 | .0559795 | .0377021 | .1319675 | 63.58386 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7911783 | 16.43836 | .0524326 | -.003558 | 2.297930 | .1468084 | .1139265 |
| Stddev | .0021963 | .03389 | .0003335 | .000262 | .015515 | .0021339 | .0008470 |
| %RSD | .2776001 | .2061610 | .6361404 | 7.356300 | .6751720 | 1.453518 | .7434865 |
| #1 | .7887099 | 16.45716 | .0527695 | -.003716 | 2.289780 | .1464946 | .1131026 |
| #2 | .7919082 | 16.45869 | .0521025 | -.003703 | 2.315822 | .1448488 | .1147949 |
| #3 | .7929167 | 16.39924 | .0524257 | -.003256 | 2.288189 | .1490818 | .1138822 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.965028 | -.034799 | .0036199 | -.004730 | 2.091074 | 2.330873 | 2.021800 |
| Stddev | .027709 | .000740 | .0001456 | .000880 | .005594 | .009280 | .003241 |
| %RSD | .9345380 | 2.125204 | 4.022422 | 18.61160 | .2675358 | .3981331 | .1603013 |
| #1 | 2.936518 | -.034008 | .0034828 | -.005385 | 2.084760 | 2.321721 | 2.024125 |
| #2 | 2.966707 | -.035473 | .0037728 | -.003729 | 2.095413 | 2.340275 | 2.018098 |
| #3 | 2.991860 | -.034917 | .0036042 | -.005074 | 2.093050 | 2.330622 | 2.023178 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01LX5 Acquired: 4/14/2025 20:18:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.194691 | .0503516 | .0410925 |
| Stddev | .009590 | .0012301 | .0001212 |
| %RSD | .8027303 | 2.443053 | .2950328 |
| | | | |
| #1 | 1.195206 | .0489429 | .0409633 |
| #2 | 1.184854 | .0508989 | .0411105 |
| #3 | 1.204013 | .0512131 | .0412037 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2894.953 | 70049.02 | 13723.36 | 1899.372 | 4231.590 |
| Stddev | 2.092 | 302.69 | 41.12 | 9.788 | 4.583 |
| %RSD | .0722770 | .4321051 | .2996108 | .5153183 | .1082965 |
| | | | | | |
| #1 | 2892.539 | 70092.78 | 13744.30 | 1904.767 | 4226.369 |
| #2 | 2896.244 | 69726.84 | 13675.99 | 1888.074 | 4234.950 |
| #3 | 2896.076 | 70327.45 | 13749.80 | 1905.276 | 4233.450 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MS Acquired: 4/14/2025 20:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6749462 | 1.796249 | 1.087420 | 1.553261 | .6452989 | 126.9699 | .5290358 |
| Stddev | .0050053 | .007366 | .002596 | .006826 | .0029252 | .3647 | .0012088 |
| %RSD | .7415873 | .4100791 | .2387074 | .4394545 | .4533154 | .2872683 | .2284854 |
| #1 | .6782801 | 1.788092 | 1.090377 | 1.550193 | .6419235 | 126.8527 | .5300836 |
| #2 | .6691907 | 1.802414 | 1.085515 | 1.548508 | .6470969 | 127.3788 | .5293105 |
| #3 | .6773680 | 1.798240 | 1.086368 | 1.561083 | .6468762 | 126.6781 | .5277133 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1550456 | .1966260 | 82.16361 | .5501916 | .3694032 | .7609441 | 284.0950 |
| Stddev | .0006741 | .0002495 | .05683 | .0002961 | .0003945 | .0007051 | 1.4690 |
| %RSD | .4348089 | .1268805 | .0691660 | .0538156 | .1067993 | .0926636 | .5170785 |
| #1 | .1542678 | .1964711 | 82.09799 | .5503816 | .3697584 | .7617580 | 285.7679 |
| #2 | .1554085 | .1969138 | 82.19602 | .5503427 | .3689786 | .7605186 | 283.0154 |
| #3 | .1554606 | .1964931 | 82.19682 | .5498504 | .3694726 | .7605557 | 283.5018 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.527241 | 68.34452 | .7179644 | .0496860 | 13.75952 | .8403848 | .6292928 |
| Stddev | .009215 | .06449 | .0025866 | .0007199 | .09174 | .0008213 | .0017281 |
| %RSD | .2612535 | .0943673 | .3602714 | 1.448810 | .6667295 | .0977303 | .2746047 |
| #1 | 3.535717 | 68.27239 | .7195889 | .0505062 | 13.86452 | .8398214 | .6301012 |
| #2 | 3.517432 | 68.36454 | .7149816 | .0493931 | 13.71914 | .8400058 | .6304684 |
| #3 | 3.528573 | 68.39662 | .7193228 | .0491588 | 13.69490 | .8413271 | .6273087 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.73348 | .0653341 | .3408835 | .6613144 | 9.091101 | 10.51487 | 15.42587 |
| Stddev | .11992 | .0029992 | .0007367 | .0011948 | .019544 | .04354 | .02620 |
| %RSD | .5052977 | 4.590618 | .2161254 | .1806661 | .2149812 | .4141170 | .1698215 |
| #1 | 23.86056 | .0687233 | .3414589 | .6616834 | 9.101895 | 10.56502 | 15.43705 |
| #2 | 23.71759 | .0630228 | .3400532 | .6599786 | 9.102867 | 10.48668 | 15.44461 |
| #3 | 23.62229 | .0642561 | .3411384 | .6622811 | 9.068540 | 10.49290 | 15.39593 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MS Acquired: 4/14/2025 20:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.939832 | .3917036 | .3277139 |
| Stddev | .009716 | .0007400 | .0009896 |
| %RSD | .1635742 | .1889210 | .3019861 |
| | | | |
| #1 | 5.940158 | .3917672 | .3284213 |
| #2 | 5.929957 | .3924098 | .3281375 |
| #3 | 5.949381 | .3909339 | .3265830 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3106.352 | 76155.68 | 16011.43 | 2035.869 | 3785.832 |
| Stddev | 5.234 | 79.19 | 82.56 | .942 | 5.460 |
| %RSD | .1684795 | .1039788 | .5156029 | .0462523 | .1442339 |
| | | | | | |
| #1 | 3111.532 | 76162.92 | 16099.53 | 2035.775 | 3789.941 |
| #2 | 3106.458 | 76231.00 | 15998.92 | 2034.978 | 3787.918 |
| #3 | 3101.066 | 76073.13 | 15935.85 | 2036.854 | 3779.636 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MSD Acquired: 4/14/2025 20:26:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6848106 | 1.813439 | 1.101157 | 1.576060 | .6438916 | 129.1230 | .5353973 |
| Stddev | .0022923 | .015409 | .004637 | .003419 | .0023339 | .4253 | .0006937 |
| %RSD | .3347371 | .8496893 | .4210920 | .2169172 | .3624676 | .3293677 | .1295692 |
| #1 | .6871929 | 1.827271 | 1.098711 | 1.576068 | .6431980 | 129.4735 | .5351065 |
| #2 | .6846186 | 1.796831 | 1.098255 | 1.572637 | .6464937 | 129.2456 | .5348964 |
| #3 | .6826203 | 1.816214 | 1.106505 | 1.579475 | .6419832 | 128.6499 | .5361891 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1662680 | .2030547 | 77.26593 | .5490344 | .3746029 | .7782700 | 269.5797 |
| Stddev | .0004914 | .0003992 | .03055 | .0003980 | .0015073 | .0010707 | .6251 |
| %RSD | .2955353 | .1966104 | .0395435 | .0724862 | .4023641 | .1375724 | .2318879 |
| #1 | .1667772 | .2033514 | 77.25629 | .5494474 | .3749532 | .7776633 | 268.9334 |
| #2 | .1662302 | .2026008 | 77.30014 | .5486534 | .3729514 | .7776404 | 269.6245 |
| #3 | .1657966 | .2032118 | 77.24136 | .5490023 | .3759043 | .7795062 | 270.1812 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.606018 | 67.53249 | .7285509 | .0464979 | 12.86239 | .8472740 | .6314330 |
| Stddev | .000897 | .15286 | .0017375 | .0006802 | .04950 | .0035818 | .0008476 |
| %RSD | .0248699 | .2263504 | .2384833 | 1.462837 | .3848275 | .4227391 | .1342298 |
| #1 | 3.605878 | 67.69454 | .7280170 | .0466374 | 12.81523 | .8511653 | .6323298 |
| #2 | 3.605199 | 67.51205 | .7271431 | .0470975 | 12.85801 | .8465417 | .6306452 |
| #3 | 3.606976 | 67.39088 | .7304927 | .0457588 | 12.91393 | .8441150 | .6313240 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.78379 | -.005733 | .3355967 | .6583411 | 9.182357 | 9.932246 | 15.63832 |
| Stddev | .05760 | .008764 | .0003713 | .0017180 | .010548 | .014260 | .05433 |
| %RSD | .2527983 | 152.8900 | .1106414 | .2609522 | .1148713 | .1435740 | .3474449 |
| #1 | 22.71731 | -.012740 | .3360183 | .6578006 | 9.192836 | 9.916246 | 15.64731 |
| #2 | 22.81554 | -.008553 | .3353186 | .6602643 | 9.182494 | 9.943616 | 15.58005 |
| #3 | 22.81853 | .004095 | .3354530 | .6569584 | 9.171741 | 9.936875 | 15.68759 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MSD Acquired: 4/14/2025 20:26:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.063655 | .3929438 | .3247760 |
| Stddev | .022055 | .0010704 | .0002877 |
| %RSD | .3637165 | .2724115 | .0885955 |
| | | | |
| #1 | 6.059642 | .3922517 | .3249970 |
| #2 | 6.043882 | .3924030 | .3248804 |
| #3 | 6.087440 | .3941767 | .3244507 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3092.344 | 76876.50 | 15072.36 | 2061.096 | 3742.018 |
| Stddev | 1.124 | 101.51 | 43.39 | 2.239 | 6.363 |
| %RSD | .0363595 | .1320485 | .2878690 | .1086215 | .1700493 |
| | | | | | |
| #1 | 3091.058 | 76953.66 | 15046.68 | 2061.028 | 3742.934 |
| #2 | 3093.142 | 76761.50 | 15047.93 | 2063.368 | 3747.873 |
| #3 | 3092.831 | 76914.33 | 15122.45 | 2058.892 | 3735.246 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01A Acquired: 4/14/2025 20:30:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6737455 | 1.798329 | 1.085629 | 1.545951 | .6324874 | 128.2800 | .5434386 |
| Stddev | .0021351 | .001750 | .002132 | .006603 | .0012037 | .4813 | .0034224 |
| %RSD | .3169019 | .0973092 | .1963868 | .4271035 | .1903101 | .3752087 | .6297644 |
| #1 | .6718396 | 1.798883 | 1.088074 | 1.547883 | .6313851 | 127.8009 | .5394868 |
| #2 | .6733440 | 1.799736 | 1.084158 | 1.538598 | .6323055 | 128.2756 | .5453917 |
| #3 | .6760528 | 1.796370 | 1.084654 | 1.551373 | .6337717 | 128.7635 | .5454372 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1567544 | .1972968 | 84.46039 | .5412666 | .3742955 | .7704559 | 285.3847 |
| Stddev | .0009459 | .0001600 | .47000 | .0024947 | .0005918 | .0015537 | .3450 |
| %RSD | .6034214 | .0810698 | .5564741 | .4609065 | .1581151 | .2016545 | .1209024 |
| #1 | .1567288 | .1974627 | 84.35027 | .5419996 | .3749611 | .7691727 | 285.5032 |
| #2 | .1558216 | .1971435 | 84.05523 | .5384875 | .3738285 | .7700117 | 285.6549 |
| #3 | .1577128 | .1972843 | 84.97567 | .5433128 | .3740969 | .7721832 | 284.9960 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.597614 | 68.91071 | .7241513 | .0482868 | 14.11144 | .8511441 | .6260279 |
| Stddev | .015319 | .52350 | .0016086 | .0003706 | .14775 | .0060452 | .0022907 |
| %RSD | .4258040 | .7596761 | .2221312 | .7675338 | 1.046994 | .7102413 | .3659021 |
| #1 | 3.589571 | 68.87328 | .7249940 | .0484905 | 14.01849 | .8475008 | .6268550 |
| #2 | 3.587992 | 68.40694 | .7222964 | .0478590 | 14.28180 | .8478093 | .6234385 |
| #3 | 3.615279 | 69.45193 | .7251633 | .0485108 | 14.03401 | .8581222 | .6277900 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.66546 | .0882419 | .3337254 | .6528534 | 9.282276 | 11.24841 | 15.72056 |
| Stddev | .18665 | .0036483 | .0012636 | .0018392 | .031576 | .01861 | .02255 |
| %RSD | .7887223 | 4.134411 | .3786475 | .2817191 | .3401721 | .1654785 | .1434292 |
| #1 | 23.54554 | .0887009 | .3330990 | .6549273 | 9.247602 | 11.24423 | 15.72911 |
| #2 | 23.88052 | .0916389 | .3328974 | .6514203 | 9.289850 | 11.26876 | 15.69499 |
| #3 | 23.57034 | .0843858 | .3351799 | .6522126 | 9.309375 | 11.23225 | 15.73758 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01A Acquired: 4/14/2025 20:30:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.064254 | .3967302 | .3356905 |
| Stddev | .007869 | .0019199 | .0015967 |
| %RSD | .1297611 | .4839218 | .4756450 |
| | | | |
| #1 | 6.070815 | .3945134 | .3339041 |
| #2 | 6.055530 | .3978221 | .3369787 |
| #3 | 6.066418 | .3978550 | .3361886 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3128.035 | 77412.78 | 15941.86 | 2113.521 | 3764.197 |
| Stddev | 3.523 | 95.64 | 127.16 | 6.120 | 3.435 |
| %RSD | .1126330 | .1235418 | .7976790 | .2895600 | .0912533 |
| | | | | | |
| #1 | 3131.698 | 77387.75 | 15957.18 | 2110.844 | 3763.842 |
| #2 | 3127.735 | 77518.45 | 16060.67 | 2120.524 | 3767.795 |
| #3 | 3124.671 | 77332.15 | 15807.73 | 2109.196 | 3760.953 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-02 Acquired: 4/14/2025 20:34:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002712 | -.006704 | .0231923 | .0062399 | .0024254 | .0186220 | .1903767 |
| Stddev | .001502 | .001146 | .0014914 | .0016062 | .0024011 | .0019256 | .0002551 |
| %RSD | 55.40580 | 17.08990 | 6.430385 | 25.74019 | 98.99920 | 10.34065 | .1340159 |
| #1 | -.000989 | -.006019 | .0244933 | .0044287 | -.000248 | .0164230 | .1906684 |
| #2 | -.003753 | -.008027 | .0215647 | .0067996 | .004398 | .0194359 | .1901954 |
| #3 | -.003393 | -.006067 | .0235189 | .0074913 | .003126 | .0200070 | .1902662 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000148 | .0004403 | 22.92700 | -.000348 | .0096162 | .0234209 | .0088665 |
| Stddev | .000019 | .0000060 | .10196 | .000395 | .0000787 | .0002477 | .0041136 |
| %RSD | 13.03064 | 1.361954 | .4447041 | 113.4768 | .8181029 | 1.057773 | 46.39451 |
| #1 | -.000161 | .0004452 | 22.99785 | -.000435 | .0096988 | .0232408 | .0123253 |
| #2 | -.000157 | .0004336 | 22.97299 | -.000693 | .0096077 | .0233186 | .0099565 |
| #3 | -.000126 | .0004421 | 22.81014 | .000083 | .0095421 | .0237035 | .0043177 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3476248 | 1.446247 | .0048341 | -.000610 | 293.6313 | .0009166 | .1304586 |
| Stddev | .0007862 | .010518 | .0001289 | .000136 | 4.4714 | .0005510 | .0007897 |
| %RSD | .2261705 | .7272553 | 2.666431 | 22.27585 | 1.522796 | 60.11362 | .6053002 |
| #1 | .3471668 | 1.443630 | .0046857 | -.000728 | 289.5303 | .0009507 | .1304304 |
| #2 | .3485326 | 1.457827 | .0049179 | -.000640 | 292.9652 | .0003493 | .1296835 |
| #3 | .3471749 | 1.437286 | .0048987 | -.000461 | 298.3984 | .0014498 | .1312620 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.155767 | .0259404 | -.000080 | -.001774 | -.000643 | .4055697 | .0120605 |
| Stddev | .005261 | .0004285 | .000416 | .000745 | .000174 | .0084666 | .0002472 |
| %RSD | .4551914 | 1.651999 | 519.5060 | 42.01530 | 27.08862 | 2.087586 | 2.049891 |
| #1 | 1.150992 | .0263148 | .000356 | -.001680 | -.000574 | .4124892 | .0121325 |
| #2 | 1.154903 | .0254730 | -.000473 | -.001080 | -.000514 | .3961288 | .0122638 |
| #3 | 1.161407 | .0260333 | -.000123 | -.002562 | -.000841 | .4080911 | .0117853 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-02 Acquired: 4/14/2025 20:34:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2323246 | -.005026 | .0767031 |
| Stddev | .0017515 | .000508 | .0002288 |
| %RSD | .7538858 | 10.10706 | .2983006 |
| | | | |
| #1 | .2303677 | -.005582 | .0768354 |
| #2 | .2328608 | -.004907 | .0764389 |
| #3 | .2337453 | -.004587 | .0768349 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2659.908 | 64633.65 | 13253.00 | 1768.648 | 3951.158 |
| Stddev | 8.762 | 122.21 | 95.75 | 6.082 | 10.640 |
| %RSD | .3294238 | .1890867 | .7224675 | .3438984 | .2692785 |
| | | | | | |
| #1 | 2663.801 | 64501.30 | 13156.21 | 1763.010 | 3956.715 |
| #2 | 2666.049 | 64742.23 | 13255.10 | 1775.094 | 3957.869 |
| #3 | 2649.873 | 64657.41 | 13347.68 | 1767.839 | 3938.891 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-04 Acquired: 4/14/2025 20:39:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000871 | -.006989 | .0051315 | .0038715 | .0016842 | .0842722 | .0873023 |
| Stddev | .003501 | .002975 | .0008358 | .0028142 | .0019331 | .0031409 | .0006166 |
| %RSD | 401.8471 | 42.56924 | 16.28777 | 72.68964 | 114.7816 | 3.727124 | .7062260 |
| #1 | .001393 | -.006870 | .0043107 | .0068500 | .0024852 | .0832531 | .0870429 |
| #2 | -.004904 | -.010021 | .0059816 | .0035074 | -.000521 | .0877961 | .0880061 |
| #3 | .000897 | -.004075 | .0051022 | .0012571 | .003088 | .0817674 | .0868578 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000050 | -.000145 | 2.599758 | .0016181 | .0002056 | .0099001 | .1181476 |
| Stddev | .000050 | .000111 | .006932 | .0001841 | .0000477 | .0002194 | .0031216 |
| %RSD | 100.5513 | 76.78947 | .2666243 | 11.37834 | 23.21552 | 2.215684 | 2.642084 |
| #1 | -.000055 | -.000238 | 2.604582 | .0017167 | .0002323 | .0098033 | .1197116 |
| #2 | .000003 | -.000176 | 2.602877 | .0017320 | .0001505 | .0097458 | .1201781 |
| #3 | -.000097 | -.000021 | 2.591815 | .0014057 | .0002340 | .0101512 | .1145532 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0507781 | 1.645856 | .0022014 | -.000438 | 286.0465 | .0020258 | .0385684 |
| Stddev | .0003936 | .006381 | .0002315 | .000081 | 1.6225 | .0006519 | .0005244 |
| %RSD | .7752169 | .3876737 | 10.51432 | 18.60476 | .5672019 | 32.17914 | 1.359660 |
| #1 | .0505296 | 1.641304 | .0019706 | -.000466 | 284.4964 | .0012901 | .0380253 |
| #2 | .0505727 | 1.643116 | .0024335 | -.000346 | 287.7328 | .0022557 | .0390718 |
| #3 | .0512319 | 1.653149 | .0022002 | -.000501 | 285.9104 | .0025315 | .0386083 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.542602 | .0355685 | .0002455 | -.000095 | -.000241 | .4509572 | .0169862 |
| Stddev | .015484 | .0003709 | .0001569 | .000399 | .000199 | .0063085 | .0007718 |
| %RSD | .4370716 | 1.042801 | 63.91107 | 419.0754 | 82.66469 | 1.398914 | 4.543914 |
| #1 | 3.546225 | .0359123 | .0003831 | -.000307 | -.000427 | .4574233 | .0168305 |
| #2 | 3.525628 | .0356180 | .0002788 | -.000343 | -.000265 | .4448190 | .0178240 |
| #3 | 3.555952 | .0351754 | .0000746 | .000365 | -.000031 | .4506294 | .0163041 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-04 Acquired: 4/14/2025 20:39:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.296292 | -.002674 | .0311079 |
| Stddev | .006641 | .000348 | .0000856 |
| %RSD | .5122756 | 12.99981 | .2752241 |
| | | | |
| #1 | 1.290034 | -.002405 | .0310756 |
| #2 | 1.295583 | -.003067 | .0310431 |
| #3 | 1.303258 | -.002552 | .0312049 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2639.446 | 64737.29 | 13069.76 | 1732.216 | 3971.180 |
| Stddev | 5.995 | 62.29 | 50.16 | 6.441 | 1.810 |
| %RSD | .2271328 | .0962162 | .3837607 | .3718337 | .0455692 |
| | | | | | |
| #1 | 2644.148 | 64800.50 | 13126.07 | 1733.619 | 3972.889 |
| #2 | 2641.495 | 64735.39 | 13029.89 | 1737.841 | 3969.284 |
| #3 | 2632.695 | 64675.97 | 13053.31 | 1725.190 | 3971.365 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1749-04 Acquired: 4/14/2025 20:43:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001575 | -.007013 | .7401223 | .0057888 | .0007826 | .1247785 | .4887302 |
| Stddev | .001304 | .001866 | .0012005 | .0044189 | .0006480 | .0027973 | .0010496 |
| %RSD | 82.76040 | 26.61170 | .1622042 | 76.33577 | 82.80264 | 2.241838 | .2147544 |
| #1 | -.002637 | -.009160 | .7388189 | .0063435 | .0006026 | .1239725 | .4894611 |
| #2 | -.001969 | -.005780 | .7411828 | .0011187 | .0002437 | .1224726 | .4875275 |
| #3 | -.000120 | -.006099 | .7403651 | .0099043 | .0015017 | .1278903 | .4892021 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000707 | .0012724 | 6.490445 | -.000663 | .0087666 | .0582287 | .3781450 |
| Stddev | .0000456 | .0000706 | .010047 | .000368 | .0000973 | .0004188 | .0039885 |
| %RSD | 64.43064 | 5.547991 | .1548006 | 55.55749 | 1.109719 | .7192228 | 1.054746 |
| #1 | .0001042 | .0011986 | 6.492718 | -.000602 | .0086644 | .0583858 | .3736085 |
| #2 | .0000188 | .0012793 | 6.479456 | -.001058 | .0088581 | .0577541 | .3797252 |
| #3 | .0000892 | .0013392 | 6.499161 | -.000329 | .0087774 | .0585463 | .3811012 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2178185 | .8440260 | .0052095 | -.000395 | 358.0805 | .0006319 | .3584130 |
| Stddev | .0004228 | .0145646 | .0003593 | .000161 | 2.5035 | .0014062 | .0011851 |
| %RSD | .1941183 | 1.725609 | 6.897858 | 40.79451 | .6991433 | 222.5263 | .3306504 |
| #1 | .2174286 | .8608050 | .0048692 | -.000343 | 360.9509 | -.000656 | .3580329 |
| #2 | .2182680 | .8366236 | .0051741 | -.000576 | 356.9419 | .002132 | .3574645 |
| #3 | .2177590 | .8346492 | .0055853 | -.000266 | 356.3486 | .000419 | .3597415 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7856789 | .0848468 | -.000298 | .0003418 | .0013900 | .6241779 | .0186854 |
| Stddev | .0310257 | .0000809 | .000240 | .0000851 | .0003429 | .0143979 | .0018553 |
| %RSD | 3.948908 | .0952848 | 80.48008 | 24.89678 | 24.66926 | 2.306693 | 9.929368 |
| #1 | .7726827 | .0848173 | -.000382 | .0004301 | .0010110 | .6392732 | .0165475 |
| #2 | .7632646 | .0847849 | -.000483 | .0003348 | .0016788 | .6226634 | .0198743 |
| #3 | .8210892 | .0849383 | -.000027 | .0002604 | .0014803 | .6105972 | .0196344 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1749-04 Acquired: 4/14/2025 20:43:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .6364992 | -.003663 | .0420685 |
| Stddev | .0072302 | .000527 | .0000939 |
| %RSD | 1.135933 | 14.39838 | .2230964 |
| | | | |
| #1 | .6325327 | -.003489 | .0421571 |
| #2 | .6321203 | -.004255 | .0419702 |
| #3 | .6448445 | -.003244 | .0420780 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2602.631 | 63283.19 | 14147.40 | 1701.865 | 3883.718 |
| Stddev | 9.433 | 81.36 | 17.81 | 7.426 | 9.658 |
| %RSD | .3624218 | .1285683 | .1258637 | .4363298 | .2486899 |
| | | | | | |
| #1 | 2612.889 | 63196.78 | 14126.88 | 1694.057 | 3894.840 |
| #2 | 2600.675 | 63294.46 | 14158.77 | 1708.837 | 3878.874 |
| #3 | 2594.330 | 63358.33 | 14156.54 | 1702.702 | 3877.441 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV08 Acquired: 4/14/2025 20:48:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.809971 | 4.808672 | 4.850616 | 4.860363 | 4.866736 | 9.595146 | 9.825123 |
| Stddev | .014069 | .014313 | .007706 | .013416 | .020167 | .013575 | .104085 |
| %RSD | .2925038 | .2976424 | .1588659 | .2760278 | .4143798 | .1414763 | 1.059376 |
| #1 | 4.814429 | 4.807566 | 4.856438 | 4.874979 | 4.889745 | 9.581728 | 9.944952 |
| #2 | 4.794213 | 4.823505 | 4.841877 | 4.848609 | 4.852125 | 9.608873 | 9.773235 |
| #3 | 4.821272 | 4.794944 | 4.853532 | 4.857501 | 4.858339 | 9.594837 | 9.757182 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2422426 | 2.444913 | 24.08490 | .9548701 | 2.455259 | 1.232014 | 4.750123 |
| Stddev | .0006737 | .003864 | .11101 | .0003799 | .003828 | .004320 | .034392 |
| %RSD | .2781107 | .1580499 | .4609139 | .0397879 | .1558944 | .3506469 | .7240140 |
| #1 | .2416382 | 2.446155 | 23.98808 | .9547690 | 2.457528 | 1.236952 | 4.730056 |
| #2 | .2429689 | 2.440581 | 24.06056 | .9545510 | 2.450840 | 1.228938 | 4.730479 |
| #3 | .2421207 | 2.448004 | 24.20606 | .9552903 | 2.457410 | 1.230150 | 4.789834 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.421158 | 23.60275 | 2.439996 | 1.193816 | 24.01013 | 2.418098 | 2.388280 |
| Stddev | .014360 | .10878 | .002572 | .001796 | .25223 | .005841 | .012626 |
| %RSD | .5930983 | .4608725 | .1054183 | .1504375 | 1.050535 | .2415694 | .5286469 |
| #1 | 2.416285 | 23.48524 | 2.441158 | 1.194355 | 24.06129 | 2.416229 | 2.396282 |
| #2 | 2.409869 | 23.62310 | 2.437047 | 1.191812 | 23.73624 | 2.413421 | 2.373726 |
| #3 | 2.437320 | 23.69992 | 2.441782 | 1.195281 | 24.23287 | 2.424646 | 2.394833 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.80401 | 4.892620 | 4.881787 | 4.873786 | 4.835932 | 4.674634 | 4.900935 |
| Stddev | .18825 | .005001 | .008219 | .012316 | .019138 | .031505 | .008262 |
| %RSD | .7908293 | .1022100 | .1683679 | .2527037 | .3957377 | .6739499 | .1685854 |
| #1 | 23.80463 | 4.888591 | 4.890608 | 4.865436 | 4.830387 | 4.642071 | 4.895281 |
| #2 | 23.61546 | 4.898216 | 4.874343 | 4.867991 | 4.820180 | 4.676870 | 4.897106 |
| #3 | 23.99195 | 4.891051 | 4.880410 | 4.887931 | 4.857231 | 4.704961 | 4.910417 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV08 Acquired: 4/14/2025 20:48:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.887681 | 4.838095 | 4.984137 |
| Stddev | .002215 | .017147 | .005853 |
| %RSD | .0453079 | .3544162 | .1174394 |
| | | | |
| #1 | 4.889191 | 4.844261 | 4.979436 |
| #2 | 4.885139 | 4.818718 | 4.990693 |
| #3 | 4.888713 | 4.851307 | 4.982281 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2752.340 | 68412.70 | 13136.24 | 1850.679 | 4100.365 |
| Stddev | 5.665 | 146.10 | 38.09 | 7.666 | 7.629 |
| %RSD | .2058086 | .2135576 | .2899892 | .4142004 | .1860542 |
| | | | | | |
| #1 | 2747.068 | 68483.95 | 13174.27 | 1849.905 | 4094.058 |
| #2 | 2758.329 | 68509.51 | 13098.09 | 1858.702 | 4108.845 |
| #3 | 2751.623 | 68244.65 | 13136.37 | 1843.430 | 4098.193 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB08 Acquired: 4/14/2025 20:52:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0025357 | -.000507 | .0005442 | -.000802 | -.000846 | -.001181 | .0004368 |
| Stddev | .0014699 | .000155 | .0010656 | .003172 | .001510 | .003506 | .0005657 |
| %RSD | 57.96727 | 30.57713 | 195.8101 | 395.3369 | 178.3849 | 297.0201 | 129.4924 |
| #1 | .0035299 | -.000556 | .0016614 | -.004329 | -.000570 | -.004733 | -.000165 |
| #2 | .0008473 | -.000632 | -.000461 | .000103 | -.002475 | .002278 | .000958 |
| #3 | .0032300 | -.000334 | .000432 | .001819 | .000506 | -.001088 | .000517 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000278 | -.000021 | -.003160 | .0001083 | -.000086 | .0001265 | -.002938 |
| Stddev | .0000075 | .000044 | .001518 | .0001263 | .000221 | .0003196 | .001191 |
| %RSD | 27.11528 | 209.6359 | 48.02175 | 116.6240 | 258.3054 | 252.5443 | 40.53440 |
| #1 | .0000198 | -.000065 | -.001589 | .0002534 | .000143 | -.000234 | -.001715 |
| #2 | .0000347 | .000024 | -.004617 | .0000229 | -.000102 | .000241 | -.003004 |
| #3 | .0000291 | -.000022 | -.003275 | .0000486 | -.000298 | .000373 | -.004094 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002364 | .0039872 | -.000193 | -.000558 | -.000666 | .0013749 | -.000626 |
| Stddev | .0003308 | .0134727 | .000245 | .000489 | .004634 | .0011312 | .000142 |
| %RSD | 139.9196 | 337.8969 | 127.1436 | 87.67476 | 695.7537 | 82.27197 | 22.60664 |
| #1 | -.000052 | -.009573 | .000087 | -.000379 | -.004334 | .0000870 | -.000697 |
| #2 | .000163 | .017370 | -.000297 | -.001111 | .004542 | .0018304 | -.000463 |
| #3 | .000598 | .004165 | -.000368 | -.000183 | -.002207 | .0022074 | -.000719 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.006289 | .0052588 | .0000849 | -.000683 | -.000519 | .0131706 | .0038200 |
| Stddev | .025379 | .0006750 | .0001137 | .000470 | .000438 | .0036433 | .0029231 |
| %RSD | 403.5681 | 12.83593 | 133.8013 | 68.90817 | 84.32510 | 27.66234 | 76.52170 |
| #1 | -.016528 | .0056383 | -.000045 | -.000398 | -.000065 | .0091789 | .0004509 |
| #2 | -.024948 | .0044795 | .000135 | -.000424 | -.000553 | .0163167 | .0053266 |
| #3 | .022610 | .0056587 | .000165 | -.001226 | -.000939 | .0140164 | .0056826 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB08 Acquired: 4/14/2025 20:52:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0013820 | .0017337 | -.000024 |
| Stddev | .0012322 | .0004150 | .000075 |
| %RSD | 89.16049 | 23.93862 | 312.7553 |
| | | | |
| #1 | .0004536 | .0015008 | -.000004 |
| #2 | .0027799 | .0022128 | .000039 |
| #3 | .0009124 | .0014873 | -.000107 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2862.156 | 69652.52 | 13667.55 | 1925.942 | 4526.285 |
| Stddev | 5.634 | 289.73 | 30.96 | 3.518 | 7.748 |
| %RSD | .1968457 | .4159632 | .2265052 | .1826599 | .1711828 |
| | | | | | |
| #1 | 2867.457 | 69748.50 | 13641.26 | 1925.542 | 4535.231 |
| #2 | 2856.240 | 69882.08 | 13659.73 | 1929.643 | 4521.893 |
| #3 | 2862.772 | 69326.98 | 13701.67 | 1922.641 | 4521.730 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-05 Acquired: 4/14/2025 20:56:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0284783 | -.003596 | .1581714 | .0023841 | -.000347 | 75.45145 |
| Stddev | .0034800 | .003598 | .0017246 | .0035456 | .002294 | .16317 |
| %RSD | 12.21986 | 100.0502 | 1.090332 | 148.7194 | 660.9120 | .2162612 |
| #1 | .0320166 | -.007353 | .1601310 | .0010022 | -.002268 | 75.27644 |
| #2 | .0250597 | -.003255 | .1568847 | .0064125 | -.000966 | 75.59940 |
| #3 | .0283585 | -.000181 | .1574986 | -.000262 | .002193 | 75.47851 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5324785 | .0053890 | -.000376 | 80.68545 | .1578587 | .0398858 |
| Stddev | .0041366 | .0000453 | .000117 | .07247 | .0002653 | .0000179 |
| %RSD | .7768642 | .8411409 | 31.16731 | .0898122 | .1680595 | .0449506 |
| #1 | .5280804 | .0054396 | -.000261 | 80.76059 | .1580593 | .0398699 |
| #2 | .5362913 | .0053751 | -.000496 | 80.61599 | .1575579 | .0398824 |
| #3 | .5330636 | .0053522 | -.000371 | 80.67977 | .1579589 | .0399052 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2127280 | 97.23189 | 2.420815 | 30.39765 | .0926892 | -.004065 |
| Stddev | .0005049 | .28292 | .004479 | .03890 | .0004424 | .000287 |
| %RSD | .2373430 | .2909777 | .1850097 | .1279582 | .4772660 | 7.069839 |
| #1 | .2132880 | 96.97370 | 2.415767 | 30.44211 | .0929279 | -.004357 |
| #2 | .2125882 | 97.53433 | 2.424313 | 30.36991 | .0921788 | -.004054 |
| #3 | .2123077 | 97.18763 | 2.422364 | 30.38093 | .0929610 | -.003783 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 149.6081 | .1991481 | .4459549 | 18.01223 | .0794547 | .0129870 |
| Stddev | 1.4493 | .0011090 | .0012680 | .14409 | .0008518 | .0004800 |
| %RSD | .9687429 | .5568761 | .2843446 | .7999614 | 1.072021 | 3.695753 |
| #1 | 148.1412 | .1994963 | .4444913 | 17.85725 | .0785500 | .0127824 |
| #2 | 151.0392 | .2000412 | .4466490 | 18.14214 | .0802412 | .0126432 |
| #3 | 149.6439 | .1979068 | .4467242 | 18.03731 | .0795728 | .0135354 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-05 Acquired: 4/14/2025 20:56:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.004069 | 1.034391 | F 49.00616 | 7.261182 | F 48.25829 | .0996645 |
| Stddev | .000586 | .003110 | .21203 | .012284 | .08203 | .0007363 |
| %RSD | 14.38988 | .3006755 | .4326541 | .1691688 | .1699875 | .7387979 |
| #1 | -.004274 | 1.032053 | 48.76210 | 7.248052 | 48.16733 | .0988276 |
| #2 | -.003408 | 1.037921 | 49.14497 | 7.272393 | 48.28089 | .1002130 |
| #3 | -.004524 | 1.033200 | 49.11141 | 7.263102 | 48.32666 | .0999528 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4567405 |
| Stddev | .0024211 |
| %RSD | .5300867 |
| #1 | .4541054 |
| #2 | .4588667 |
| #3 | .4572495 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2885.983 | 70743.33 | 14918.03 | 1921.348 | 3812.545 |
| Stddev | 3.611 | 43.23 | 33.74 | 10.343 | 5.386 |
| %RSD | .1251380 | .0611049 | .2261987 | .5383303 | .1412679 |
| #1 | 2888.221 | 70788.26 | 14893.63 | 1933.172 | 3813.278 |
| #2 | 2887.911 | 70739.70 | 14956.54 | 1913.976 | 3817.526 |
| #3 | 2881.817 | 70702.04 | 14903.92 | 1916.896 | 3806.829 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06 Acquired: 4/14/2025 21:00:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1066247 | -.008259 | .1792577 | .0046240 | -.004257 | 154.6593 |
| Stddev | .0012960 | .002115 | .0020438 | .0014331 | .001005 | .3027 |
| %RSD | 1.215441 | 25.61162 | 1.140155 | 30.99361 | 23.60662 | .1957496 |
| #1 | .1077925 | -.008950 | .1816173 | .0061529 | -.005411 | 154.6176 |
| #2 | .1068510 | -.005884 | .1781127 | .0033112 | -.003573 | 154.3796 |
| #3 | .1052304 | -.009941 | .1780430 | .0044078 | -.003787 | 154.9808 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2876042 | .0098326 | -.001839 | 73.92304 | .4078651 | .1121337 |
| Stddev | .0008214 | .0000955 | .000257 | .31455 | .0005341 | .0006808 |
| %RSD | .2855866 | .9712338 | 13.95664 | .4255089 | .1309389 | .6071127 |
| #1 | .2880519 | .0099287 | -.001706 | 73.71508 | .4084480 | .1113487 |
| #2 | .2866563 | .0097377 | -.002134 | 73.76913 | .4077482 | .1124902 |
| #3 | .2881044 | .0098312 | -.001675 | 74.28491 | .4073992 | .1125623 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7645195 | 261.0223 | 1.513689 | 77.21482 | .2853115 | -.007315 |
| Stddev | .0004460 | .6152 | .006385 | .14505 | .0008795 | .000237 |
| %RSD | .0583354 | .2356737 | .4218195 | .1878539 | .3082734 | 3.237120 |
| #1 | .7643272 | 260.3478 | 1.508891 | 77.09546 | .2845839 | -.007497 |
| #2 | .7650294 | 261.5524 | 1.511241 | 77.17275 | .2850618 | -.007047 |
| #3 | .7642020 | 261.1667 | 1.520936 | 77.37626 | .2862889 | -.007400 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 286.3135 | .3955442 | 1.117617 | 72.86968 | .8551068 | .0453757 |
| Stddev | 1.0185 | .0028605 | .003239 | .07191 | .0037609 | .0003453 |
| %RSD | .3557421 | .7231852 | .2897896 | .0986825 | .4398204 | .7609865 |
| #1 | 286.3480 | .3955770 | 1.118669 | 72.84398 | .8534319 | .0457508 |
| #2 | 287.3143 | .3926674 | 1.120199 | 72.95091 | .8594143 | .0453052 |
| #3 | 285.2781 | .3983881 | 1.113983 | 72.81416 | .8524744 | .0450711 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06 Acquired: 4/14/2025 21:00:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005239 | 4.593436 | F 81.24608 | 12.93084 | F 162.5907 | .2844751 |
| Stddev | .001315 | .017029 | .12565 | .02936 | .2813 | .0000305 |
| %RSD | 25.10327 | .3707205 | .1546484 | .2270496 | .1730128 | .0107292 |
| #1 | -.006200 | 4.582030 | 81.11237 | 12.89811 | 162.3305 | .2844413 |
| #2 | -.003740 | 4.585267 | 81.36170 | 12.93952 | 162.5524 | .2844835 |
| #3 | -.005777 | 4.613010 | 81.26417 | 12.95487 | 162.8892 | .2845006 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5518327 |
| Stddev | .0020074 |
| %RSD | .3637718 |
| #1 | .5503292 |
| #2 | .5510566 |
| #3 | .5541123 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2858.690 | 68967.68 | 15397.80 | 1853.734 | 3627.253 |
| Stddev | 2.540 | 149.34 | 30.09 | 4.660 | 1.659 |
| %RSD | .0888552 | .2165399 | .1954494 | .2513916 | .0457446 |
| #1 | 2855.776 | 68903.25 | 15392.69 | 1850.974 | 3625.351 |
| #2 | 2860.435 | 68861.36 | 15430.13 | 1851.113 | 3628.405 |
| #3 | 2859.859 | 69138.42 | 15370.59 | 1859.114 | 3628.003 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06DUP Acquired: 4/14/2025 21:05:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1055165 | -.005929 | .1797321 | .0053336 | -.003424 | 155.4792 |
| Stddev | .0011469 | .001858 | .0018019 | .0059266 | .002460 | .3146 |
| %RSD | 1.086970 | 31.33120 | 1.002523 | 111.1201 | 71.83755 | .2023153 |
| #1 | .1068407 | -.005250 | .1785883 | .0059544 | -.006012 | 155.6552 |
| #2 | .1048327 | -.008031 | .1818091 | -.000879 | -.003147 | 155.6663 |
| #3 | .1048762 | -.004506 | .1787988 | .010925 | -.001115 | 155.1160 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2869861 | .0100578 | .0003009 | 73.89705 | .4076985 | .1125263 |
| Stddev | .0011865 | .0000776 | .0002926 | .19910 | .0017200 | .0006096 |
| %RSD | .4134269 | .7718294 | 97.26425 | .2694351 | .4218717 | .5417703 |
| #1 | .2873317 | .0099939 | .0005215 | 74.12563 | .4065655 | .1119715 |
| #2 | .2879614 | .0101442 | -.000031 | 73.80415 | .4096777 | .1124284 |
| #3 | .2856652 | .0100352 | .000412 | 73.76138 | .4068524 | .1131790 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7737063 | 253.4104 | 1.520437 | 77.66289 | .2873264 | -.008576 |
| Stddev | .0011021 | .9636 | .003240 | .31802 | .0013866 | .000427 |
| %RSD | .1424393 | .3802699 | .2131044 | .4094834 | .4825810 | 4.983263 |
| #1 | .7739572 | 252.4868 | 1.524069 | 78.02877 | .2870039 | -.008184 |
| #2 | .7725004 | 254.4096 | 1.519396 | 77.50701 | .2861294 | -.009032 |
| #3 | .7746612 | 253.3348 | 1.517845 | 77.45289 | .2888458 | -.008513 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 279.8352 | .3976042 | 1.119985 | 70.74420 | .8384030 | .0456942 |
| Stddev | 5.6997 | .0003210 | .004532 | .64139 | .0026737 | .0005921 |
| %RSD | 2.036789 | .0807315 | .4046704 | .9066311 | .3189003 | 1.295836 |
| #1 | 273.3066 | .3979668 | 1.124299 | 70.09279 | .8369815 | .0460256 |
| #2 | 283.8200 | .3974894 | 1.120394 | 71.37507 | .8414871 | .0450105 |
| #3 | 282.3791 | .3973564 | 1.115262 | 70.76475 | .8367404 | .0460463 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06DUP Acquired: 4/14/2025 21:05:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003125 | 4.606227 | F 79.07972 | 12.93888 | F 164.0507 | .2837283 |
| Stddev | .001079 | .008039 | .38882 | .02128 | .5718 | .0011225 |
| %RSD | 34.53826 | .1745209 | .4916793 | .1644897 | .3485541 | .3956369 |
| #1 | -.004371 | 4.610847 | 78.65549 | 12.91813 | 163.8277 | .2832448 |
| #2 | -.002510 | 4.610889 | 79.41912 | 12.93785 | 163.6239 | .2850116 |
| #3 | -.002493 | 4.596944 | 79.16454 | 12.96065 | 164.7003 | .2829285 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5514862 |
| Stddev | .0010530 |
| %RSD | .1909404 |
| #1 | .5504995 |
| #2 | .5525949 |
| #3 | .5513642 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2841.428 | 69552.08 | 15007.39 | 1860.170 | 3603.215 |
| Stddev | 3.739 | 249.91 | 51.06 | 9.708 | 2.611 |
| %RSD | .1315793 | .3593109 | .3402523 | .5218859 | .0724764 |
| #1 | 2843.867 | 69792.21 | 14949.13 | 1850.464 | 3605.773 |
| #2 | 2837.124 | 69293.43 | 15044.37 | 1860.165 | 3600.553 |
| #3 | 2843.294 | 69570.62 | 15028.68 | 1869.880 | 3603.320 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06LX5 Acquired: 4/14/2025 21:09:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0238354 | -.001843 | .0389573 | .0004488 | -.003531 | 33.77016 |
| Stddev | .0015457 | .002353 | .0003480 | .0013786 | .002603 | .08125 |
| %RSD | 6.484755 | 127.7213 | .8933318 | 307.1861 | 73.72933 | .2405880 |
| #1 | .0225564 | -.003000 | .0386580 | -.001123 | -.006201 | 33.86196 |
| #2 | .0255530 | -.003393 | .0393392 | .001018 | -.001000 | 33.70752 |
| #3 | .0233969 | .000865 | .0388747 | .001451 | -.003393 | 33.74101 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0647954 | .0023640 | -.002014 | 17.03746 | .0916352 | .0225908 |
| Stddev | .0007548 | .0000486 | .000043 | .05325 | .0003339 | .0000676 |
| %RSD | 1.164873 | 2.054403 | 2.156196 | .3125526 | .3643882 | .2992521 |
| #1 | .0644515 | .0024199 | -.002041 | 17.04937 | .0913189 | .0226605 |
| #2 | .0642738 | .0023328 | -.001964 | 16.97926 | .0916025 | .0225866 |
| #3 | .0656609 | .0023391 | -.002038 | 17.08375 | .0919843 | .0225255 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1811246 | 56.01169 | .3509860 | 17.32764 | .0584383 | -.002663 |
| Stddev | .0006932 | .07539 | .0024088 | .12692 | .0000697 | .000363 |
| %RSD | .3827134 | .1346003 | .6862906 | .7324915 | .1193224 | 13.63097 |
| #1 | .1808269 | 55.96788 | .3522023 | 17.42501 | .0584013 | -.003075 |
| #2 | .1819168 | 55.96845 | .3482115 | 17.18409 | .0583948 | -.002391 |
| #3 | .1806299 | 56.09874 | .3525440 | 17.37382 | .0585187 | -.002523 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 59.19226 | .0901974 | .2475831 | 14.45436 | .2174924 | .0098897 |
| Stddev | .28199 | .0008013 | .0005508 | .03365 | .0010909 | .0001284 |
| %RSD | .4763992 | .8883996 | .2224493 | .2327898 | .5015571 | 1.297813 |
| #1 | 59.13748 | .0894323 | .2469525 | 14.49282 | .2178069 | .0097453 |
| #2 | 59.49763 | .0910306 | .2478272 | 14.43991 | .2162788 | .0099328 |
| #3 | 58.94168 | .0901294 | .2479696 | 14.43035 | .2183914 | .0099909 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06LX5 Acquired: 4/14/2025 21:09:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002377 | 1.035419 | F 16.86427 | 2.582742 | F 32.67543 | .0649257 |
| Stddev | .000551 | .002224 | .03386 | .010706 | .14019 | .0003881 |
| %RSD | 23.19563 | .2148184 | .2007923 | .4145189 | .4290422 | .5977732 |
| #1 | -.001787 | 1.036308 | 16.83637 | 2.595013 | 32.75542 | .0644986 |
| #2 | -.002879 | 1.032888 | 16.85450 | 2.575305 | 32.75732 | .0650216 |
| #3 | -.002464 | 1.037062 | 16.90195 | 2.577909 | 32.51355 | .0652568 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1219029 |
| Stddev | .0003829 |
| %RSD | .3140678 |
| #1 | .1223222 |
| #2 | .1215718 |
| #3 | .1218148 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2874.839 | 68553.64 | 14156.22 | 1878.618 | 4168.770 |
| Stddev | 9.493 | 116.05 | 45.20 | 4.736 | 18.742 |
| %RSD | .3302086 | .1692818 | .3193061 | .2521173 | .4495744 |
| #1 | 2866.881 | 68562.32 | 14115.80 | 1876.457 | 4150.770 |
| #2 | 2872.290 | 68433.49 | 14205.03 | 1884.050 | 4167.363 |
| #3 | 2885.346 | 68665.10 | 14147.84 | 1875.348 | 4188.175 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MS Acquired: 4/14/2025 21:13:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7913822 | 1.658658 | 1.101922 | 1.589394 | .6488981 | 189.8737 |
| Stddev | .0025187 | .005927 | .003817 | .004254 | .0033489 | .9204 |
| %RSD | .3182621 | .3573364 | .3463761 | .2676462 | .5160946 | .4847695 |
| #1 | .7938742 | 1.656331 | 1.101729 | 1.584486 | .6458687 | 190.2520 |
| #2 | .7888376 | 1.665396 | 1.105831 | 1.592018 | .6483315 | 188.8244 |
| #3 | .7914347 | 1.654248 | 1.098205 | 1.591679 | .6524942 | 190.5447 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4931775 | .1637218 | .1871659 | 75.83054 | .7966997 | .3313567 |
| Stddev | .0021232 | .0000164 | .0010845 | .20510 | .0026886 | .0005288 |
| %RSD | .4305130 | .0099849 | .5794551 | .2704726 | .3374702 | .1595861 |
| #1 | .4908665 | .1637047 | .1876833 | 75.70678 | .7951505 | .3315214 |
| #2 | .4936242 | .1637236 | .1878948 | 75.71755 | .7951443 | .3317836 |
| #3 | .4950418 | .1637372 | .1859195 | 76.06729 | .7998042 | .3307652 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.239950 | 335.6314 | 2.049711 | 93.20315 | .8062192 | .0443870 |
| Stddev | .001680 | 3.0138 | .011211 | .21354 | .0016948 | .0007782 |
| %RSD | .1354680 | .8979447 | .5469610 | .2291158 | .2102162 | 1.753200 |
| #1 | 1.241197 | 333.3920 | 2.039428 | 92.97316 | .8051931 | .0439542 |
| #2 | 1.240613 | 334.4443 | 2.048041 | 93.24115 | .8081754 | .0439213 |
| #3 | 1.238040 | 339.0580 | 2.061663 | 93.39515 | .8052891 | .0452853 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 288.1939 | .6890883 | 1.452881 | 82.16261 | 1.013436 | .3856460 |
| Stddev | 1.2987 | .0024287 | .005457 | .69540 | .008048 | .0008099 |
| %RSD | .4506376 | .3524511 | .3755786 | .8463742 | .7941536 | .2100158 |
| #1 | 286.6982 | .6890440 | 1.447264 | 81.47398 | 1.005646 | .3848704 |
| #2 | 288.8488 | .6866821 | 1.453219 | 82.14926 | 1.012944 | .3864863 |
| #3 | 289.0349 | .6915389 | 1.458161 | 82.86460 | 1.021719 | .3855813 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MS Acquired: 4/14/2025 21:13:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6407233 | 6.287822 | F 94.35393 | F 20.13159 | F 221.3902 | .5498434 |
| Stddev | .0038347 | .008473 | .60152 | .07469 | .5907 | .0035422 |
| %RSD | .5984906 | .1347603 | .6375163 | .3710291 | .2668128 | .6442151 |
| #1 | .6427309 | 6.278094 | 93.77171 | 20.06406 | 221.4128 | .5458817 |
| #2 | .6431374 | 6.291775 | 94.31703 | 20.21182 | 221.9692 | .5509436 |
| #3 | .6363017 | 6.293596 | 94.97305 | 20.11888 | 220.7885 | .5527049 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .7303602 |
| Stddev | .0022787 |
| %RSD | .3119989 |
| #1 | .7279271 |
| #2 | .7307094 |
| #3 | .7324442 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2854.284 | 70196.70 | 14827.68 | 1925.812 | 3537.333 |
| Stddev | 7.296 | 289.29 | 8.43 | 11.139 | 7.662 |
| %RSD | .2556304 | .4121093 | .0568333 | .5784047 | .2166081 |
| #1 | 2846.797 | 70420.98 | 14820.66 | 1937.909 | 3528.558 |
| #2 | 2861.374 | 70298.94 | 14825.34 | 1923.549 | 3540.742 |
| #3 | 2854.682 | 69870.17 | 14837.03 | 1915.978 | 3542.698 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MSD Acquired: 4/14/2025 21:17:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8230138 | 1.804736 | 1.085146 | 1.770967 | .7206136 | 124.5842 |
| Stddev | .0059831 | .006154 | .001415 | .002547 | .0012119 | .2165 |
| %RSD | .7269793 | .3409818 | .1303668 | .1437926 | .1681707 | .1737620 |
| #1 | .8250205 | 1.810216 | 1.084048 | 1.773437 | .7212222 | 124.3573 |
| #2 | .8162853 | 1.805915 | 1.084647 | 1.771113 | .7214007 | 124.6067 |
| #3 | .8277357 | 1.798078 | 1.086742 | 1.768351 | .7192181 | 124.7885 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3742681 | .1796246 | .1949954 | 47.09345 | .6724085 | .2859226 |
| Stddev | .0005090 | .0006120 | .0006542 | .01924 | .0163513 | .0002904 |
| %RSD | .1359999 | .3407183 | .3355011 | .0408539 | 2.431752 | .1015693 |
| #1 | .3745569 | .1789241 | .1955594 | 47.11511 | .6628125 | .2856721 |
| #2 | .3745670 | .1798937 | .1951488 | 47.08692 | .6631246 | .2862409 |
| #3 | .3736803 | .1800559 | .1942782 | 47.07833 | .6912886 | .2858547 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9588680 | 218.8714 | 1.406156 | 61.23679 | .7000128 | .0519524 |
| Stddev | .0014225 | 3.7951 | .005605 | .13571 | .0009631 | .0004182 |
| %RSD | .1483490 | 1.733929 | .3985687 | .2216165 | .1375860 | .8049130 |
| #1 | .9592958 | 216.8303 | 1.412620 | 61.13687 | .7002862 | .0514703 |
| #2 | .9600275 | 216.5338 | 1.403183 | 61.18222 | .6989425 | .0521706 |
| #3 | .9572808 | 223.2503 | 1.402664 | 61.39130 | .7008097 | .0522164 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 166.3833 | .5483930 | 1.035169 | 52.00733 | .7115035 | .4015814 |
| Stddev | 2.5088 | .0013584 | .021308 | .83937 | .0080069 | .0009805 |
| %RSD | 1.507866 | .2477053 | 2.058424 | 1.613941 | 1.125354 | .2441542 |
| #1 | 164.8703 | .5495314 | 1.023866 | 51.43127 | .7066166 | .4004500 |
| #2 | 165.0002 | .5468893 | 1.021894 | 51.62033 | .7071499 | .4021833 |
| #3 | 169.2793 | .5487582 | 1.059747 | 52.97038 | .7207440 | .4021109 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MSD Acquired: 4/14/2025 21:17:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6792957 | 4.218167 | F 61.17822 | 14.53316 | F 140.4901 | .4290690 |
| Stddev | .0019407 | .001703 | 1.13610 | .03594 | .1852 | .0003418 |
| %RSD | .2856903 | .0403761 | 1.857035 | .2473024 | .1318117 | .0796620 |
| #1 | .6772253 | 4.217254 | 60.50028 | 14.56660 | 140.7021 | .4287973 |
| #2 | .6795884 | 4.217114 | 60.54454 | 14.53774 | 140.4077 | .4289568 |
| #3 | .6810734 | 4.220131 | 62.48982 | 14.49516 | 140.3603 | .4294527 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5171674 |
| Stddev | .0003974 |
| %RSD | .0768498 |
| #1 | .5176261 |
| #2 | .5169523 |
| #3 | .5169239 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2806.152 | 69023.95 | 14152.04 | 1870.849 | 3748.462 |
| Stddev | 8.437 | 1395.58 | 44.75 | 40.857 | 6.567 |
| %RSD | .3006611 | 2.021874 | .3161910 | 2.183894 | .1751789 |
| #1 | 2814.756 | 69928.81 | 14183.06 | 1893.569 | 3755.101 |
| #2 | 2805.806 | 69726.32 | 14172.30 | 1895.296 | 3748.314 |
| #3 | 2797.893 | 67416.73 | 14100.74 | 1823.681 | 3741.971 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06A Acquired: 4/14/2025 21:21:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7771546 | 1.788204 | 1.018046 | 1.747223 | .7280908 | 100.4846 |
| Stddev | .0055295 | .011093 | .000413 | .011930 | .0036653 | .0527 |
| %RSD | .7115010 | .6203473 | .0405191 | .6827827 | .5034197 | .0524910 |
| #1 | .7708616 | 1.798207 | 1.017933 | 1.735991 | .7244137 | 100.5071 |
| #2 | .7812358 | 1.776273 | 1.018504 | 1.745933 | .7317443 | 100.4243 |
| #3 | .7793664 | 1.790131 | 1.017703 | 1.759746 | .7281144 | 100.5224 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3545431 | .1747935 | .1947969 | 54.99409 | .6012278 | .2522590 |
| Stddev | .0003242 | .0004894 | .0003510 | .07743 | .0022503 | .0003497 |
| %RSD | .0914465 | .2799651 | .1801763 | .1407900 | .3742846 | .1386207 |
| #1 | .3545645 | .1753088 | .1945042 | 54.95313 | .6034503 | .2526333 |
| #2 | .3542087 | .1743350 | .1947006 | 54.94575 | .5989507 | .2519407 |
| #3 | .3548560 | .1747368 | .1951860 | 55.08340 | .6012824 | .2522030 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7132582 | 145.6816 | 1.124999 | 53.51885 | .6377787 | .0583635 |
| Stddev | .0032864 | .2212 | .002264 | .11909 | .0015962 | .0001900 |
| %RSD | .4607575 | .1518493 | .2012122 | .2225204 | .2502793 | .3255430 |
| #1 | .7096225 | 145.4585 | 1.124318 | 53.40866 | .6377157 | .0582406 |
| #2 | .7141343 | 145.6854 | 1.123155 | 53.50269 | .6362150 | .0585823 |
| #3 | .7160177 | 145.9009 | 1.127526 | 53.64519 | .6394056 | .0582676 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 201.2335 | .5181260 | .9039945 | 57.90760 | .9093811 | .3977763 |
| Stddev | 1.8417 | .0018812 | .0008307 | .03642 | .0010727 | .0018302 |
| %RSD | .9151984 | .3630677 | .0918899 | .0628878 | .1179617 | .4601018 |
| #1 | 203.1432 | .5200220 | .9040606 | 57.88459 | .9105954 | .3961414 |
| #2 | 201.0889 | .5180959 | .9031328 | 57.94958 | .9089856 | .3974341 |
| #3 | 199.4683 | .5162601 | .9047902 | 57.88863 | .9085623 | .3997535 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06A Acquired: 4/14/2025 21:21:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6789435 | 2.920596 | F 51.61466 | 14.67323 | F 91.93340 | .3436087 |
| Stddev | .0004776 | .000989 | .10138 | .00960 | .22906 | .0007664 |
| %RSD | .0703404 | .0338551 | .1964076 | .0654128 | .2491583 | .2230328 |
| #1 | .6790812 | 2.920969 | 51.55417 | 14.67478 | 91.84336 | .3427496 |
| #2 | .6793371 | 2.921345 | 51.55811 | 14.66295 | 91.76305 | .3442219 |
| #3 | .6784122 | 2.919475 | 51.73170 | 14.68196 | 92.19380 | .3438545 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5783442 |
| Stddev | .0012240 |
| %RSD | .2116409 |
| #1 | .5791230 |
| #2 | .5789763 |
| #3 | .5769334 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2795.661 | 68058.12 | 14136.25 | 1836.005 | 3737.502 |
| Stddev | 15.357 | 172.59 | 34.77 | 1.412 | 12.813 |
| %RSD | .5493004 | .2535919 | .2459349 | .0769025 | .3428212 |
| #1 | 2812.212 | 67996.73 | 14112.31 | 1837.629 | 3749.098 |
| #2 | 2792.894 | 68253.01 | 14176.13 | 1835.069 | 3739.661 |
| #3 | 2781.875 | 67924.61 | 14120.31 | 1835.317 | 3723.746 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-07 Acquired: 4/14/2025 21:25:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001206 | -.005954 | .0003218 | .0003874 | -.000236 | .0098727 | -.001026 |
| Stddev | .001277 | .000593 | .0023208 | .0021747 | .001411 | .0039549 | .000693 |
| %RSD | 105.8076 | 9.963130 | 721.0736 | 561.3655 | 597.3843 | 40.05916 | 67.56807 |
| #1 | -.000603 | -.005434 | -.001452 | -.001787 | -.001820 | .0063248 | -.001561 |
| #2 | -.002673 | -.005828 | .002948 | .002563 | .000887 | .0141367 | -.001274 |
| #3 | -.000344 | -.006600 | -.000531 | .000386 | .000224 | .0091563 | -.000243 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000185 | -.000184 | .0268366 | -.000322 | -.000332 | .0007139 | .0084299 |
| Stddev | .000077 | .000052 | .0062967 | .000160 | .000155 | .0001116 | .0022320 |
| %RSD | 41.47645 | 28.21226 | 23.46323 | 49.84384 | 46.83222 | 15.63585 | 26.47696 |
| #1 | -.000114 | -.000140 | .0316355 | -.000370 | -.000448 | .0006256 | .0104979 |
| #2 | -.000176 | -.000241 | .0291676 | -.000452 | -.000392 | .0008394 | .0060639 |
| #3 | -.000266 | -.000170 | .0197067 | -.000143 | -.000155 | .0006766 | .0087279 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069254 | .0194363 | -.000469 | -.000373 | -.156195 | -.000137 | .0012575 |
| Stddev | .0001142 | .0123541 | .000085 | .000099 | .012139 | .000948 | .0000841 |
| %RSD | 1.649360 | 63.56212 | 18.12750 | 26.47408 | 7.771792 | 690.9283 | 6.690961 |
| #1 | .0069942 | .0264777 | -.000384 | -.000352 | -.167107 | .000793 | .0012069 |
| #2 | .0069884 | .0266598 | -.000468 | -.000287 | -.143119 | -.001102 | .0012109 |
| #3 | .0067935 | .0051714 | -.000554 | -.000481 | -.158358 | -.000103 | .0013546 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.151892 | .0003316 | -.000056 | -.000564 | -.000051 | .0180142 | .0075757 |
| Stddev | .038473 | .0001880 | .000232 | .001304 | .000322 | .0047501 | .0025551 |
| %RSD | 25.32919 | 56.69499 | 411.3027 | 231.0789 | 625.2419 | 26.36841 | 33.72735 |
| #1 | -.191073 | .0001219 | -.000216 | .000475 | -.000056 | .0142979 | .0055873 |
| #2 | -.150435 | .0004850 | .000210 | -.000140 | -.000371 | .0163790 | .0104576 |
| #3 | -.114168 | .0003879 | -.000163 | -.002027 | .000273 | .0233659 | .0066823 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-07 Acquired: 4/14/2025 21:25:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0355142 | -.003573 | -.000033 |
| Stddev | .0027308 | .000146 | .000012 |
| %RSD | 7.689322 | 4.092078 | 36.73624 |
| | | | |
| #1 | .0328077 | -.003458 | -.000047 |
| #2 | .0354660 | -.003523 | -.000024 |
| #3 | .0382687 | -.003737 | -.000028 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2814.238 | 69326.29 | 13929.74 | 1850.212 | 4557.139 |
| Stddev | 8.821 | 134.94 | 49.47 | 8.714 | 8.046 |
| %RSD | .3134443 | .1946425 | .3551215 | .4709732 | .1765688 |
| | | | | | |
| #1 | 2816.439 | 69439.45 | 13923.28 | 1854.525 | 4556.478 |
| #2 | 2821.751 | 69362.46 | 13982.12 | 1840.182 | 4565.495 |
| #3 | 2804.525 | 69176.95 | 13883.82 | 1855.928 | 4549.443 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-01 Acquired: 4/14/2025 21:30:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0618805 | .0018637 | 1.708485 | .0010782 | .0035766 | 103.0125 | 1.011183 |
| Stddev | .0008820 | .0026752 | .001332 | .0026340 | .0024071 | .1731 | .004667 |
| %RSD | 1.425392 | 143.5421 | .0779637 | 244.2923 | 67.29974 | .1680040 | .4614934 |
| #1 | .0618965 | .0043825 | 1.707006 | .0040197 | .0048764 | 103.0282 | 1.015916 |
| #2 | .0609906 | .0021530 | 1.709589 | .0002770 | .0007991 | 103.1771 | 1.011046 |
| #3 | .0627545 | -.000944 | 1.708859 | -.001062 | .0050543 | 102.8321 | 1.006586 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0077210 | .0015705 | 82.17585 | .2170584 | .2217009 | .7483010 | 227.3803 |
| Stddev | .0000762 | .0004371 | .22093 | .0010055 | .0001923 | .0037865 | 1.8129 |
| %RSD | .9870404 | 27.83415 | .2688524 | .4632510 | .0867558 | .5060168 | .7972886 |
| #1 | .0077186 | .0011297 | 82.35920 | .2176808 | .2215895 | .7439438 | 229.4463 |
| #2 | .0076460 | .0015779 | 82.23780 | .2175961 | .2215902 | .7501655 | 226.6395 |
| #3 | .0077984 | .0020039 | 81.93056 | .2158984 | .2219230 | .7507937 | 226.0552 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.534615 | 38.77142 | .3203347 | -.005217 | 7.893452 | .3397298 | 1.650970 |
| Stddev | .012621 | .09164 | .0001659 | .000920 | .096332 | .0022757 | .003033 |
| %RSD | .4979448 | .2363494 | .0517839 | 17.63068 | 1.220410 | .6698510 | .1837345 |
| #1 | 2.546637 | 38.70386 | .3204706 | -.004471 | 8.004349 | .3415847 | 1.653386 |
| #2 | 2.535740 | 38.87573 | .3203836 | -.004935 | 7.830499 | .3404142 | 1.647566 |
| #3 | 2.521470 | 38.73468 | .3201498 | -.006244 | 7.845507 | .3371904 | 1.651959 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.75780 | .0086642 | .0066103 | .1912633 | 3.319459 | 8.264523 | 6.708689 |
| Stddev | .07209 | .0041966 | .0002716 | .0015708 | .011488 | .051591 | .007863 |
| %RSD | .6701158 | 48.43578 | 4.108447 | .8212495 | .3460880 | .6242504 | .1172017 |
| #1 | 10.84070 | .0132795 | .0065149 | .1905839 | 3.328740 | 8.319539 | 6.704741 |
| #2 | 10.70984 | .0050779 | .0063993 | .1901466 | 3.323026 | 8.256805 | 6.703583 |
| #3 | 10.72285 | .0076351 | .0069167 | .1930594 | 3.306610 | 8.217226 | 6.717743 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-01 Acquired: 4/14/2025 21:30:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.694101 | .2405570 | .4575383 |
| Stddev | .016145 | .0012840 | .0025398 |
| %RSD | .2835382 | .5337394 | .5550955 |
| | | | |
| #1 | 5.680503 | .2418692 | .4597888 |
| #2 | 5.711944 | .2404985 | .4580416 |
| #3 | 5.689855 | .2393033 | .4547846 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2929.476 | 72297.38 | 15683.71 | 1971.562 | 3887.025 |
| Stddev | 8.448 | 246.79 | 25.81 | 6.713 | 10.572 |
| %RSD | .2883691 | .3413560 | .1645458 | .3404797 | .2719768 |
| | | | | | |
| #1 | 2938.216 | 72018.29 | 15712.45 | 1972.223 | 3894.216 |
| #2 | 2928.856 | 72486.79 | 15662.52 | 1977.920 | 3891.972 |
| #3 | 2921.355 | 72387.06 | 15676.15 | 1964.544 | 3874.886 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-05 Acquired: 4/14/2025 21:34:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0583665 | -.043463 | 2.367047 | .0024102 | .0258996 | 150.7694 | .7840794 |
| Stddev | .0038409 | .003866 | .002152 | .0055190 | .0023231 | .2751 | .0020458 |
| %RSD | 6.580677 | 8.893908 | .0909306 | 228.9808 | 8.969443 | .1824520 | .2609132 |
| #1 | .0577448 | -.046775 | 2.367221 | .0072991 | .0283109 | 150.7169 | .7844672 |
| #2 | .0548744 | -.044399 | 2.369107 | .0035060 | .0236763 | 150.5243 | .7859035 |
| #3 | .0624803 | -.039216 | 2.364813 | -.003574 | .0257116 | 151.0669 | .7818675 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0075671 | .0044593 | 139.9078 | .2507645 | .3028617 | 1.438185 | 377.3544 |
| Stddev | .0000354 | .0004760 | .3341 | .0015610 | .0005281 | .001692 | 1.9493 |
| %RSD | .4676796 | 10.67443 | .2387652 | .6225020 | .1743678 | .1176491 | .5165734 |
| #1 | .0076080 | .0046615 | 139.5281 | .2489620 | .3030075 | 1.436949 | 375.9070 |
| #2 | .0075457 | .0039155 | 140.1566 | .2516535 | .3033016 | 1.440114 | 379.5710 |
| #3 | .0075478 | .0048008 | 140.0386 | .2516778 | .3022760 | 1.437493 | 376.5853 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.364104 | 161.3528 | .5970991 | -.008440 | 38.08033 | .6671572 | 3.453220 |
| Stddev | .012504 | .5881 | .0007657 | .000587 | .20855 | .0030384 | .015380 |
| %RSD | .2330974 | .3644677 | .1282421 | 6.951475 | .5476560 | .4554225 | .4453750 |
| #1 | 5.351201 | 160.6961 | .5969388 | -.008762 | 37.99048 | .6636558 | 3.435467 |
| #2 | 5.376165 | 161.5317 | .5979323 | -.007762 | 38.31874 | .6691008 | 3.462507 |
| #3 | 5.364945 | 161.8307 | .5964263 | -.008794 | 37.93176 | .6687149 | 3.461685 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.615801 | -.220707 | .0041084 | .1172835 | 19.23736 | 5.010124 | 6.625072 |
| Stddev | .065043 | .008224 | .0001661 | .0016869 | .01305 | .027705 | .018744 |
| %RSD | .6764208 | 3.726052 | 4.042838 | 1.438293 | .0678538 | .5529745 | .2829324 |
| #1 | 9.590217 | -.219606 | .0042870 | .1154086 | 19.22244 | 4.989932 | 6.629475 |
| #2 | 9.689747 | -.213089 | .0040797 | .1177634 | 19.24294 | 5.041709 | 6.604518 |
| #3 | 9.567440 | -.229426 | .0039585 | .1186783 | 19.24669 | 4.998732 | 6.641223 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-05 Acquired: 4/14/2025 21:34:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.520197 | .2663146 | .6303842 |
| Stddev | .014281 | .0010849 | .0010479 |
| %RSD | .4056781 | .4073689 | .1662315 |
| | | | |
| #1 | 3.530984 | .2655818 | .6301128 |
| #2 | 3.504002 | .2675609 | .6315411 |
| #3 | 3.525604 | .2658011 | .6294986 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2964.422 | 72451.64 | 15349.09 | 1965.637 | 3658.983 |
| Stddev | 4.137 | 351.39 | 62.80 | 16.568 | 3.898 |
| %RSD | .1395663 | .4850054 | .4091263 | .8428960 | .1065294 |
| | | | | | |
| #1 | 2967.218 | 72842.97 | 15410.01 | 1984.243 | 3662.925 |
| #2 | 2959.669 | 72163.10 | 15352.68 | 1952.478 | 3655.131 |
| #3 | 2966.379 | 72348.85 | 15284.57 | 1960.189 | 3658.893 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV09 Acquired: 4/14/2025 21:38:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.765360 | 4.828431 | 4.842652 | 4.800686 | 4.823701 | 9.518328 | 9.607728 |
| Stddev | .003910 | .040031 | .009320 | .011872 | .016798 | .024971 | .132091 |
| %RSD | .0820547 | .8290738 | .1924665 | .2473052 | .3482356 | .2623488 | 1.374838 |
| #1 | 4.761448 | 4.854183 | 4.832455 | 4.798490 | 4.815779 | 9.533904 | 9.696838 |
| #2 | 4.765366 | 4.848799 | 4.844770 | 4.790065 | 4.812328 | 9.531556 | 9.670376 |
| #3 | 4.769268 | 4.782312 | 4.850732 | 4.813503 | 4.842994 | 9.489526 | 9.455970 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2461386 | 2.434094 | 23.90796 | .9725987 | 2.441303 | 1.223169 | 4.833292 |
| Stddev | .0014813 | .004473 | .12586 | .0030241 | .003619 | .002435 | .021734 |
| %RSD | .6018252 | .1837749 | .5264385 | .3109339 | .1482310 | .1990698 | .4496663 |
| #1 | .2473099 | 2.429826 | 24.01349 | .9691086 | 2.438625 | 1.222037 | 4.814710 |
| #2 | .2466324 | 2.438747 | 23.94174 | .9742453 | 2.445420 | 1.221506 | 4.827975 |
| #3 | .2444734 | 2.433708 | 23.76866 | .9744422 | 2.439864 | 1.225963 | 4.857190 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.400362 | 23.60352 | 2.426888 | 1.215906 | 25.74984 | 2.397057 | 2.412243 |
| Stddev | .012996 | .13092 | .002221 | .000865 | .05361 | .009124 | .006340 |
| %RSD | .5414328 | .5546459 | .0915120 | .0711136 | .2082085 | .3806181 | .2628313 |
| #1 | 2.411000 | 23.71312 | 2.424754 | 1.216285 | 25.69729 | 2.398389 | 2.416221 |
| #2 | 2.404209 | 23.63889 | 2.429187 | 1.216517 | 25.80446 | 2.405441 | 2.415576 |
| #3 | 2.385876 | 23.45856 | 2.426725 | 1.214917 | 25.74777 | 2.387340 | 2.404931 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.44747 | 4.906809 | 4.877590 | 4.861934 | 4.776317 | 4.858539 | 4.908939 |
| Stddev | .04546 | .039243 | .006414 | .009406 | .017456 | .039146 | .019749 |
| %RSD | .1786232 | .7997713 | .1315022 | .1934703 | .3654684 | .8057205 | .4023091 |
| #1 | 25.39639 | 4.937403 | 4.872046 | 4.854802 | 4.789841 | 4.814139 | 4.907227 |
| #2 | 25.46257 | 4.920460 | 4.876110 | 4.872594 | 4.782498 | 4.873398 | 4.929488 |
| #3 | 25.48345 | 4.862563 | 4.884615 | 4.858404 | 4.756612 | 4.888081 | 4.890101 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV09 Acquired: 4/14/2025 21:38:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.840260 | 4.740826 | 4.869940 |
| Stddev | .004694 | .010215 | .036847 |
| %RSD | .0969858 | .2154743 | .7566268 |
| | | | |
| #1 | 4.842021 | 4.750075 | 4.891219 |
| #2 | 4.843820 | 4.742543 | 4.827393 |
| #3 | 4.834940 | 4.729862 | 4.891209 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2756.870 | 66009.21 | 12959.82 | 1811.027 | 4117.542 |
| Stddev | 3.420 | 207.37 | 74.26 | .565 | 4.062 |
| %RSD | .1240359 | .3141505 | .5730359 | .0311786 | .0986566 |
| | | | | | |
| #1 | 2757.255 | 66221.70 | 12919.38 | 1811.679 | 4116.383 |
| #2 | 2760.081 | 65807.37 | 12914.55 | 1810.712 | 4114.185 |
| #3 | 2753.274 | 65998.57 | 13045.53 | 1810.690 | 4122.058 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB09 Acquired: 4/14/2025 21:42:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0017841 | -.001765 | .0000656 | -.000084 | .0009262 | -.001080 |
| Stddev | .0014845 | .000338 | .0007240 | .003445 | .0007096 | .004307 |
| %RSD | 83.20505 | 19.12865 | 1103.864 | 4097.088 | 76.61496 | 398.9861 |
| #1 | .0034830 | -.001532 | -.000135 | -.000848 | .0015777 | .000442 |
| #2 | .0007374 | -.002153 | -.000537 | .003679 | .0010309 | -.005941 |
| #3 | .0011319 | -.001611 | .000869 | -.003083 | .0001701 | .002261 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000393 | -.000032 | -.000116 | -.008304 | .0002238 | .0000206 |
| Stddev | .000844 | .000068 | .000051 | .005841 | .0001338 | .0002339 |
| %RSD | 214.7391 | 210.6937 | 44.15412 | 70.34158 | 59.77327 | 1137.290 |
| #1 | -.000239 | -.000092 | -.000060 | -.015040 | .0003097 | .0001521 |
| #2 | .000363 | .000042 | -.000125 | -.005237 | .0000697 | -.000249 |
| #3 | -.001303 | -.000048 | -.000161 | -.004635 | .0002921 | .000159 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000217 | .0001267 | .0007958 | .0202636 | -.000297 | -.000518 |
| Stddev | .0003078 | .0030947 | .0000875 | .0151978 | .000090 | .000186 |
| %RSD | 1421.866 | 2441.635 | 11.00047 | 75.00042 | 30.44710 | 35.94828 |
| #1 | .0003752 | .0035086 | .0008331 | .0376585 | -.000318 | -.000499 |
| #2 | -.000124 | -.002564 | .0006958 | .0095574 | -.000198 | -.000342 |
| #3 | -.000186 | -.000565 | .0008585 | .0135749 | -.000375 | -.000713 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0318534 | .0011834 | -.000411 | -.017162 | .0052713 | -.000024 |
| Stddev | .0053711 | .0005024 | .000229 | .010738 | .0009047 | .000341 |
| %RSD | 16.86191 | 42.45821 | 55.69474 | 62.57018 | 17.16312 | 1397.196 |
| #1 | .0267978 | .0017181 | -.000404 | -.006804 | .0063055 | -.000389 |
| #2 | .0312699 | .0007210 | -.000186 | -.016437 | .0048815 | .000287 |
| #3 | .0374924 | .0011110 | -.000644 | -.028244 | .0046267 | .000028 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB09 Acquired: 4/14/2025 21:42:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000449 | .0001537 | .0139272 | .0034526 | F .0102412 | .0001145 |
| Stddev | .000430 | .0008881 | .0037554 | .0029455 | .0008869 | .0010354 |
| %RSD | 95.62470 | 577.7296 | 26.96449 | 85.31424 | 8.660248 | 903.9056 |
| #1 | -.000553 | .0011791 | .0161782 | .0000517 | .0109666 | -.000976 |
| #2 | -.000817 | -.000374 | .0095919 | .0051087 | .0105046 | .001084 |
| #3 | .000023 | -.000344 | .0160114 | .0051973 | .0092524 | .000236 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.000075 |
| Stddev | .000017 |
| %RSD | 22.58199 |
| #1 | -.000091 |
| #2 | -.000075 |
| #3 | -.000058 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2833.209 | 68761.24 | 14040.61 | 1877.156 | 4502.575 |
| Stddev | 1.900 | 90.36 | 43.61 | 5.329 | 4.614 |
| %RSD | .0670725 | .1314066 | .3106154 | .2839104 | .1024817 |
| #1 | 2835.345 | 68687.72 | 13994.95 | 1878.635 | 4506.648 |
| #2 | 2831.707 | 68862.12 | 14081.84 | 1881.589 | 4503.515 |
| #3 | 2832.574 | 68733.89 | 14045.03 | 1871.243 | 4497.564 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09 Acquired: 4/14/2025 21:46:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0282766 | .0032710 | .1299552 | -.002194 | -.004975 | 85.54787 | .3107724 |
| Stddev | .0040363 | .0022682 | .0010038 | .002269 | .002443 | .15358 | .0019169 |
| %RSD | 14.27429 | 69.34102 | .7724394 | 103.4268 | 49.10082 | .1795260 | .6168195 |
| #1 | .0242587 | .0058682 | .1291029 | -.004412 | -.002693 | 85.39682 | .3087985 |
| #2 | .0323310 | .0016801 | .1310617 | .000123 | -.007552 | 85.70386 | .3126267 |
| #3 | .0282401 | .0022647 | .1297009 | -.002292 | -.004679 | 85.54295 | .3108920 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0065700 | .0014732 | 8.048050 | .1251362 | .0687200 | .1394327 | 152.4339 |
| Stddev | .0000316 | .0001319 | .012876 | .0006909 | .0002007 | .0003984 | .2049 |
| %RSD | .4802446 | 8.950160 | .1599836 | .5521231 | .2920876 | .2857450 | .1344174 |
| #1 | .0066063 | .0014495 | 8.033482 | .1254485 | .0686626 | .1391205 | 152.4414 |
| #2 | .0065550 | .0013548 | 8.057905 | .1256159 | .0685542 | .1392961 | 152.6350 |
| #3 | .0065488 | .0016153 | 8.052764 | .1243443 | .0689431 | .1398814 | 152.2254 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.570175 | 22.02133 | .1262929 | -.007001 | 1.108849 | .1874191 | .2790276 |
| Stddev | .006604 | .00801 | .0008747 | .000094 | .010880 | .0017672 | .0019207 |
| %RSD | .4205701 | .0363662 | .6926288 | 1.337515 | .9811823 | .9428958 | .6883535 |
| #1 | 1.565177 | 22.02931 | .1268210 | -.007049 | 1.097010 | .1889172 | .2812432 |
| #2 | 1.577661 | 22.01329 | .1252832 | -.006893 | 1.118408 | .1854702 | .2780066 |
| #3 | 1.567686 | 22.02138 | .1267745 | -.007062 | 1.111129 | .1878699 | .2778330 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.25866 | -.159524 | .0026953 | .0018573 | 2.026019 | 9.937855 | 5.192545 |
| Stddev | .06517 | .000524 | .0002205 | .0006957 | .008794 | .010917 | .018233 |
| %RSD | .6352479 | .3282265 | 8.179373 | 37.45866 | .4340498 | .1098553 | .3511415 |
| #1 | 10.19311 | -.159237 | .0029210 | .0025127 | 2.018628 | 9.925259 | 5.174103 |
| #2 | 10.32344 | -.159208 | .0026843 | .0011273 | 2.035745 | 9.944598 | 5.192968 |
| #3 | 10.25943 | -.160129 | .0024805 | .0019318 | 2.023685 | 9.943707 | 5.210562 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09 Acquired: 4/14/2025 21:46:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1916398 | .1565080 | .0659171 |
| Stddev | .0017417 | .0010132 | .0003136 |
| %RSD | .9088345 | .6473764 | .4758041 |
| | | | |
| #1 | .1910075 | .1565218 | .0656196 |
| #2 | .1903025 | .1575143 | .0662447 |
| #3 | .1936093 | .1554880 | .0658868 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3307.378 | 80552.63 | 16046.99 | 2180.760 | 4104.298 |
| Stddev | 6.708 | 245.38 | 3.32 | 21.197 | 10.912 |
| %RSD | .2028223 | .3046169 | .0207023 | .9719839 | .2658739 |
| | | | | | |
| #1 | 3312.234 | 80282.11 | 16043.17 | 2157.069 | 4111.372 |
| #2 | 3310.177 | 80614.95 | 16048.61 | 2187.281 | 4109.791 |
| #3 | 3299.724 | 80760.84 | 16049.18 | 2197.930 | 4091.731 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09DUP Acquired: 4/14/2025 21:50:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0270636 | .0030754 | .1254064 | .0009807 | -.006035 | 84.79812 | .3252276 |
| Stddev | .0028242 | .0010427 | .0011337 | .0021546 | .001299 | .07779 | .0002659 |
| %RSD | 10.43527 | 33.90580 | .9039999 | 219.6911 | 21.52246 | .0917347 | .0817700 |
| #1 | .0265395 | .0020329 | .1266078 | .0018199 | -.006187 | 84.83203 | .3250941 |
| #2 | .0301131 | .0041184 | .1243555 | -.001467 | -.007251 | 84.70914 | .3250549 |
| #3 | .0245382 | .0030748 | .1252560 | .002589 | -.004667 | 84.85321 | .3255339 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0063139 | -.001611 | 8.179893 | .1224325 | .0674647 | .1360233 | 162.8849 |
| Stddev | .0000236 | .000046 | .031684 | .0006804 | .0000288 | .0003865 | .6660 |
| %RSD | .3733829 | 2.860976 | .3873349 | .5557048 | .0426772 | .2841351 | .4088720 |
| #1 | .0063029 | -.001567 | 8.194595 | .1230514 | .0674861 | .1364414 | 163.1898 |
| #2 | .0062977 | -.001607 | 8.143529 | .1217040 | .0674761 | .1359494 | 162.1211 |
| #3 | .0063409 | -.001659 | 8.201555 | .1225422 | .0674320 | .1356791 | 163.3439 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.587563 | 21.95958 | .1241816 | -.005454 | 1.225789 | .1898338 | .2778996 |
| Stddev | .005423 | .06802 | .0007217 | .000245 | .008549 | .0005313 | .0016599 |
| %RSD | .3415946 | .3097495 | .5811858 | 4.493760 | .6973886 | .2798958 | .5972852 |
| #1 | 1.593302 | 21.94428 | .1237527 | -.005736 | 1.230335 | .1898585 | .2793019 |
| #2 | 1.582524 | 21.90051 | .1250149 | -.005322 | 1.215928 | .1892906 | .2783300 |
| #3 | 1.586862 | 22.03394 | .1237773 | -.005302 | 1.231104 | .1903524 | .2760670 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.12204 | -.096798 | .0027475 | .0003120 | 2.067428 | 10.45966 | 5.286217 |
| Stddev | .03500 | .003474 | .0003894 | .0018479 | .007860 | .02335 | .005269 |
| %RSD | .3147181 | 3.588585 | 14.17152 | 592.2427 | .3801973 | .2231996 | .0996750 |
| #1 | 11.13784 | -.096808 | .0031926 | .0016103 | 2.073154 | 10.45069 | 5.291345 |
| #2 | 11.08192 | -.100267 | .0024696 | -.001804 | 2.058466 | 10.44213 | 5.280817 |
| #3 | 11.14635 | -.093320 | .0025803 | .001129 | 2.070664 | 10.48616 | 5.286488 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09DUP Acquired: 4/14/2025 21:50:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1848843 | .1627284 | .0684850 |
| Stddev | .0010602 | .0003679 | .0002001 |
| %RSD | .5734445 | .2260905 | .2921943 |
| | | | |
| #1 | .1840852 | .1627503 | .0687157 |
| #2 | .1844807 | .1623500 | .0683582 |
| #3 | .1860870 | .1630848 | .0683811 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3324.666 | 80620.49 | 16914.29 | 2233.193 | 4143.217 |
| Stddev | 4.867 | 69.12 | 28.75 | .323 | 7.238 |
| %RSD | .1463814 | .0857390 | .1699611 | .0144415 | .1746930 |
| | | | | | |
| #1 | 3320.206 | 80542.08 | 16886.80 | 2233.556 | 4134.896 |
| #2 | 3329.857 | 80646.72 | 16911.93 | 2233.084 | 4146.698 |
| #3 | 3323.935 | 80672.65 | 16944.15 | 2232.939 | 4148.057 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09LX5 Acquired: 4/14/2025 21:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0097227 | .0015611 | .0290658 | -.002441 | -.000379 | 19.69735 | .0779728 |
| Stddev | .0013892 | .0007899 | .0006004 | .001655 | .000244 | .03084 | .0006758 |
| %RSD | 14.28811 | 50.59809 | 2.065739 | 67.79916 | 64.52515 | .1565919 | .8667082 |
| #1 | .0103252 | .0024534 | .0296878 | -.001964 | -.000250 | 19.73256 | .0785864 |
| #2 | .0107090 | .0012782 | .0284896 | -.004281 | -.000661 | 19.67511 | .0780836 |
| #3 | .0081340 | .0009516 | .0290199 | -.001077 | -.000226 | 19.68437 | .0772485 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0015135 | -.001794 | 1.903509 | .0289297 | .0137094 | .0335278 | 38.92784 |
| Stddev | .0000269 | .000070 | .000586 | .0002175 | .0000743 | .0002085 | .17034 |
| %RSD | 1.775585 | 3.901565 | .0307772 | .7517371 | .5415690 | .6219319 | .4375753 |
| #1 | .0015264 | -.001814 | 1.903296 | .0286914 | .0137514 | .0336351 | 39.05230 |
| #2 | .0014826 | -.001852 | 1.903059 | .0289801 | .0136237 | .0336608 | 38.99750 |
| #3 | .0015316 | -.001716 | 1.904171 | .0291175 | .0137532 | .0332875 | 38.73371 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3834485 | 5.112693 | .0246576 | -.001882 | .2901566 | .0450391 | .0642255 |
| Stddev | .0013060 | .017805 | .0003449 | .000398 | .0057019 | .0013884 | .0005665 |
| %RSD | .3406048 | .3482464 | 1.398767 | 21.13806 | 1.965098 | 3.082555 | .8821113 |
| #1 | .3848896 | 5.133135 | .0246619 | -.001515 | .2878554 | .0453410 | .0648797 |
| #2 | .3823430 | 5.100576 | .0243105 | -.002305 | .2966495 | .0462516 | .0638990 |
| #3 | .3831131 | 5.104368 | .0250003 | -.001827 | .2859650 | .0435246 | .0638979 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.521842 | -.020044 | .0003341 | -.000432 | .4871837 | 2.448375 | 1.052162 |
| Stddev | .036258 | .000408 | .0002689 | .000197 | .0013433 | .008879 | .004780 |
| %RSD | 1.437741 | 2.033542 | 80.49035 | 45.62795 | .2757248 | .3626504 | .4543300 |
| #1 | 2.502583 | -.020005 | .0002561 | -.000264 | .4884268 | 2.458354 | 1.046847 |
| #2 | 2.563666 | -.019657 | .0001128 | -.000649 | .4857587 | 2.445422 | 1.053530 |
| #3 | 2.499279 | -.020469 | .0006333 | -.000383 | .4873656 | 2.441349 | 1.056110 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09LX5 Acquired: 4/14/2025 21:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0404715 | .0370786 | .0162222 |
| Stddev | .0027597 | .0002671 | .0000446 |
| %RSD | 6.818902 | .7203310 | .2750791 |
| | | | |
| #1 | .0431003 | .0369830 | .0162526 |
| #2 | .0375972 | .0368724 | .0161709 |
| #3 | .0407170 | .0373803 | .0162429 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2988.035 | 72666.03 | 15313.89 | 2020.383 | 4420.564 |
| Stddev | 4.354 | 128.36 | 37.80 | 6.339 | 4.780 |
| %RSD | .1457124 | .1766374 | .2468566 | .3137658 | .1081217 |
| | | | | | |
| #1 | 2984.184 | 72543.99 | 15311.36 | 2014.786 | 4417.336 |
| #2 | 2992.760 | 72654.22 | 15352.89 | 2027.267 | 4426.055 |
| #3 | 2987.163 | 72799.89 | 15277.41 | 2019.095 | 4418.300 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MS Acquired: 4/14/2025 21:59:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6225133 | 1.764191 | 1.012645 | 1.445261 | .6000122 | 85.63089 | .4526589 |
| Stddev | .0035067 | .007035 | .003977 | .003108 | .0033162 | .14525 | .0012494 |
| %RSD | .5633204 | .3987938 | .3927415 | .2150691 | .5526831 | .1696202 | .2760104 |
| #1 | .6185846 | 1.756090 | 1.008799 | 1.445216 | .5973355 | 85.46975 | .4525896 |
| #2 | .6253269 | 1.767711 | 1.012394 | 1.442175 | .6037219 | 85.67119 | .4539414 |
| #3 | .6236285 | 1.768772 | 1.016742 | 1.448391 | .5989790 | 85.75174 | .4514455 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1574859 | .1857133 | 8.719559 | .4257396 | .2474107 | .3576305 | 152.3486 |
| Stddev | .0004889 | .0003410 | .020442 | .0013418 | .0010514 | .0003003 | .6906 |
| %RSD | .3104123 | .1835941 | .2344368 | .3151608 | .4249646 | .0839817 | .4533254 |
| #1 | .1570868 | .1854568 | 8.697143 | .4270805 | .2484699 | .3574223 | 153.1404 |
| #2 | .1580312 | .1855827 | 8.724362 | .4257413 | .2463673 | .3574944 | 151.8703 |
| #3 | .1573396 | .1861002 | 8.737171 | .4243970 | .2473947 | .3579748 | 152.0352 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.692713 | 23.28734 | .5694077 | .0495411 | 3.157699 | .4030595 | .4219411 |
| Stddev | .004591 | .05703 | .0010048 | .0002914 | .028225 | .0014358 | .0008570 |
| %RSD | .2711958 | .2448778 | .1764678 | .5881312 | .8938496 | .3562182 | .2031092 |
| #1 | 1.690569 | 23.24275 | .5690672 | .0496342 | 3.185773 | .4014745 | .4221384 |
| #2 | 1.697983 | 23.26767 | .5686174 | .0497745 | 3.157997 | .4034307 | .4210027 |
| #3 | 1.689587 | 23.35159 | .5705385 | .0492146 | 3.129325 | .4042732 | .4226824 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.43224 | .0628242 | .3145754 | .6360764 | 2.149917 | 10.30202 | 10.42511 |
| Stddev | .10478 | .0044551 | .0005631 | .0002753 | .001076 | .03714 | .01156 |
| %RSD | .6010494 | 7.091399 | .1790156 | .0432729 | .0500571 | .3605168 | .1109192 |
| #1 | 17.54539 | .0677236 | .3144939 | .6362101 | 2.148875 | 10.32149 | 10.43818 |
| #2 | 17.41275 | .0590162 | .3140576 | .6362592 | 2.151024 | 10.25920 | 10.41623 |
| #3 | 17.33858 | .0617329 | .3151749 | .6357598 | 2.149851 | 10.32538 | 10.42091 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MS Acquired: 4/14/2025 21:59:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1754117 | .3103947 | .2165164 |
| Stddev | .0009637 | .0005565 | .0003679 |
| %RSD | .5494157 | .1792922 | .1698980 |
| | | | |
| #1 | .1763635 | .3109980 | .2163481 |
| #2 | .1744365 | .3102847 | .2169383 |
| #3 | .1754349 | .3099014 | .2162627 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3326.435 | 79873.79 | 15816.52 | 2191.275 | 4143.746 |
| Stddev | 6.740 | 164.70 | 48.05 | 8.630 | 4.624 |
| %RSD | .2026106 | .2062050 | .3038024 | .3938272 | .1115923 |
| | | | | | |
| #1 | 3332.677 | 79686.01 | 15865.60 | 2181.380 | 4142.966 |
| #2 | 3327.339 | 79993.80 | 15769.57 | 2195.200 | 4148.711 |
| #3 | 3319.289 | 79941.55 | 15814.37 | 2197.244 | 4139.562 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MSD Acquired: 4/14/2025 22:03:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6286399 | 1.785432 | 1.015362 | 1.457856 | .6117300 | 85.34733 | .4570721 |
| Stddev | .0018556 | .005092 | .001617 | .003392 | .0020598 | .10752 | .0017968 |
| %RSD | .2951749 | .2852199 | .1592625 | .2326972 | .3367198 | .1259751 | .3931015 |
| #1 | .6265840 | 1.783003 | 1.013993 | 1.453975 | .6106116 | 85.37232 | .4589683 |
| #2 | .6291454 | 1.791284 | 1.017146 | 1.460261 | .6104713 | 85.22952 | .4568533 |
| #3 | .6301904 | 1.782010 | 1.014947 | 1.459330 | .6141071 | 85.44016 | .4553948 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1506459 | .1847531 | 8.739014 | .4284703 | .2471313 | .3561578 | 158.9362 |
| Stddev | .0002570 | .0006819 | .015784 | .0024009 | .0001172 | .0004485 | .8227 |
| %RSD | .1705732 | .3691039 | .1806174 | .5603516 | .0474217 | .1259338 | .5176545 |
| #1 | .1506346 | .1849104 | 8.752375 | .4279552 | .2470096 | .3566647 | 159.2356 |
| #2 | .1503948 | .1840063 | 8.743068 | .4310870 | .2471407 | .3559962 | 159.5673 |
| #3 | .1509084 | .1853427 | 8.721597 | .4263687 | .2472434 | .3558124 | 158.0057 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.673621 | 23.21437 | .5686451 | .0515200 | 3.318200 | .4065816 | .4251106 |
| Stddev | .005837 | .03778 | .0002152 | .0002562 | .045304 | .0013641 | .0028135 |
| %RSD | .3487357 | .1627475 | .0378352 | .4972116 | 1.365304 | .3355021 | .6618178 |
| #1 | 1.679422 | 23.23391 | .5686333 | .0517042 | 3.334789 | .4073161 | .4268649 |
| #2 | 1.673692 | 23.17082 | .5684361 | .0516283 | 3.352870 | .4050076 | .4266015 |
| #3 | 1.667749 | 23.23839 | .5688659 | .0512275 | 3.266940 | .4074209 | .4218655 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.38160 | .0873980 | .3229637 | .6432668 | 2.156062 | 10.83827 | 10.38037 |
| Stddev | .12343 | .0048535 | .0006462 | .0010020 | .005128 | .03406 | .00409 |
| %RSD | .6715139 | 5.553384 | .2000818 | .1557660 | .2378383 | .3142563 | .0394021 |
| #1 | 18.48298 | .0890097 | .3222585 | .6440282 | 2.158048 | 10.84538 | 10.38004 |
| #2 | 18.41766 | .0912406 | .3231054 | .6421317 | 2.159901 | 10.86822 | 10.38461 |
| #3 | 18.24415 | .0819436 | .3235273 | .6436406 | 2.150238 | 10.80122 | 10.37645 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MSD Acquired: 4/14/2025 22:03:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1679701 | .3136992 | .2195151 |
| Stddev | .0023441 | .0008861 | .0005604 |
| %RSD | 1.395543 | .2824729 | .2552874 |
| | | | |
| #1 | .1696103 | .3146916 | .2201526 |
| #2 | .1690147 | .3134187 | .2192927 |
| #3 | .1652853 | .3129873 | .2191001 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3305.159 | 78978.49 | 16475.12 | 2149.758 | 4151.681 |
| Stddev | 4.937 | 315.89 | 47.48 | 5.418 | 2.001 |
| %RSD | .1493681 | .3999737 | .2882037 | .2520448 | .0481885 |
| | | | | | |
| #1 | 3309.947 | 79136.82 | 16524.59 | 2150.186 | 4152.330 |
| #2 | 3300.086 | 78614.74 | 16470.85 | 2144.138 | 4149.436 |
| #3 | 3305.443 | 79183.90 | 16429.92 | 2154.949 | 4153.276 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09A Acquired: 4/14/2025 22:07:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6387896 | 1.803341 | 1.024466 | 1.478230 | .5921733 | 85.43215 | .4695395 |
| Stddev | .0054062 | .006136 | .001948 | .004875 | .0025570 | .05870 | .0016237 |
| %RSD | .8463114 | .3402337 | .1901630 | .3298089 | .4318059 | .0687142 | .3458008 |
| #1 | .6342252 | 1.797423 | 1.023182 | 1.472682 | .5892796 | 85.49959 | .4689923 |
| #2 | .6373840 | 1.802926 | 1.023508 | 1.480174 | .5931120 | 85.40438 | .4713661 |
| #3 | .6447598 | 1.809673 | 1.026707 | 1.481833 | .5941283 | 85.39250 | .4682601 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1450164 | .1859479 | 8.735155 | .4305205 | .2496604 | .3569333 | 166.1354 |
| Stddev | .0010080 | .0005137 | .026991 | .0001935 | .0007267 | .0015168 | .5654 |
| %RSD | .6950790 | .2762586 | .3089922 | .0449376 | .2910710 | .4249480 | .3403330 |
| #1 | .1460420 | .1855965 | 8.766270 | .4305257 | .2488238 | .3562183 | 165.5191 |
| #2 | .1449802 | .1857098 | 8.718046 | .4303244 | .2500222 | .3559061 | 166.6301 |
| #3 | .1440270 | .1865375 | 8.721150 | .4307113 | .2501351 | .3586754 | 166.2571 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.690310 | 23.08104 | .5756237 | .0531832 | 3.558576 | .4087219 | .4255707 |
| Stddev | .007142 | .11269 | .0014504 | .0002472 | .031780 | .0004531 | .0011566 |
| %RSD | .4225318 | .4882381 | .2519730 | .4648307 | .8930507 | .1108670 | .2717760 |
| #1 | 1.695269 | 23.21115 | .5747386 | .0530142 | 3.522251 | .4083747 | .4262429 |
| #2 | 1.693537 | 23.01433 | .5748350 | .0530685 | 3.572230 | .4085564 | .4242352 |
| #3 | 1.682123 | 23.01764 | .5772976 | .0534669 | 3.581247 | .4092345 | .4262340 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 19.31363 | .1112066 | .3121794 | .6291274 | 2.169402 | 11.26590 | 10.33800 |
| Stddev | .12659 | .0021875 | .0005776 | .0014934 | .006682 | .06199 | .01833 |
| %RSD | .6554238 | 1.967056 | .1850064 | .2373712 | .3080096 | .5502042 | .1772922 |
| #1 | 19.16827 | .1091602 | .3119607 | .6280484 | 2.171745 | 11.20024 | 10.32226 |
| #2 | 19.37301 | .1109475 | .3117432 | .6285020 | 2.174597 | 11.32341 | 10.33362 |
| #3 | 19.39960 | .1135121 | .3128344 | .6308318 | 2.161864 | 11.27406 | 10.35812 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09A Acquired: 4/14/2025 22:07:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .1661751 | .3163041 | .2239085 |
| Stddev | .0059907 | .0014018 | .0004775 |
| %RSD | 3.605053 | .4431924 | .2132591 |
| | | | |
| #1 | .1730914 | .3150242 | .2241408 |
| #2 | .1626092 | .3178023 | .2242254 |
| #3 | .1628246 | .3160857 | .2233593 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3312.520 | 79338.50 | 17275.02 | 2163.490 | 4139.902 |
| Stddev | 12.082 | 129.05 | 123.48 | 7.247 | 12.740 |
| %RSD | .3647336 | .1626546 | .7148113 | .3349498 | .3077440 |
| | | | | | |
| #1 | 3321.384 | 79257.09 | 17132.62 | 2159.862 | 4153.013 |
| #2 | 3317.417 | 79487.29 | 17339.95 | 2171.834 | 4139.124 |
| #3 | 3298.758 | 79271.13 | 17352.50 | 2158.775 | 4127.568 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1769-08 Acquired: 4/14/2025 22:11:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000369 | -.003489 | .0006180 | .0011269 | .0017408 | .0545865 | -.002127 |
| Stddev | .000930 | .001204 | .0009968 | .0023880 | .0029710 | .0021448 | .000414 |
| %RSD | 252.2624 | 34.50205 | 161.3041 | 211.9050 | 170.6664 | 3.929227 | 19.45015 |
| #1 | -.001437 | -.002272 | -.000077 | .0021845 | .0024736 | .0525920 | -.001729 |
| #2 | .000070 | -.004679 | .000171 | .0028034 | -.001528 | .0543121 | -.002095 |
| #3 | .000261 | -.003516 | .001760 | -.001607 | .004277 | .0568553 | -.002555 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000215 | -.000265 | .0147911 | .0002877 | -.000359 | .0004912 | .0610209 |
| Stddev | .000019 | .000031 | .0056018 | .0001484 | .000093 | .0002079 | .0021241 |
| %RSD | 8.985711 | 11.90503 | 37.87249 | 51.59165 | 25.97967 | 42.31422 | 3.480894 |
| #1 | -.000207 | -.000239 | .0211595 | .0004503 | -.000263 | .0006030 | .0593214 |
| #2 | -.000201 | -.000300 | .0125880 | .0002532 | -.000449 | .0002514 | .0603392 |
| #3 | -.000237 | -.000255 | .0106258 | .0001596 | -.000363 | .0006193 | .0634022 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000940 | .0191161 | .0005889 | -.000445 | -.170721 | .0015850 | .0346791 |
| Stddev | .000235 | .0010440 | .0004267 | .000191 | .010966 | .0018862 | .0003749 |
| %RSD | 25.01920 | 5.461186 | 72.46033 | 42.89907 | 6.423613 | 119.0058 | 1.081081 |
| #1 | -.001211 | .0202517 | .0003925 | -.000587 | -.162448 | .0024471 | .0350797 |
| #2 | -.000825 | .0188984 | .0002958 | -.000228 | -.183160 | .0028861 | .0343367 |
| #3 | -.000785 | .0181981 | .0010784 | -.000519 | -.166554 | -.000578 | .0346208 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.149098 | -.000675 | -.000077 | -.000343 | .0000263 | .0672368 | .0089973 |
| Stddev | .020136 | .000225 | .000225 | .000376 | .0003345 | .0087491 | .0033817 |
| %RSD | 13.50525 | 33.27761 | 291.7744 | 109.5178 | 1272.830 | 13.01241 | 37.58569 |
| #1 | -.167763 | -.000653 | -.000020 | .000028 | .0004073 | .0772903 | .0109907 |
| #2 | -.127758 | -.000910 | .000114 | -.000333 | -.000109 | .0613482 | .0109084 |
| #3 | -.151773 | -.000463 | -.000325 | -.000723 | -.000219 | .0630720 | .0050927 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1769-08 Acquired: 4/14/2025 22:11:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0136907 | -.002980 | .0000489 |
| Stddev | .0034831 | .000357 | .0000226 |
| %RSD | 25.44147 | 11.98522 | 46.31971 |
| | | | |
| #1 | .0158807 | -.002790 | .0000665 |
| #2 | .0096742 | -.002758 | .0000233 |
| #3 | .0155171 | -.003392 | .0000568 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2872.806 | 69910.58 | 14329.53 | 1881.843 | 4666.342 |
| Stddev | 5.822 | 151.74 | 16.11 | 6.697 | 17.480 |
| %RSD | .2026751 | .2170506 | .1124372 | .3558604 | .3746024 |
| | | | | | |
| #1 | 2866.317 | 69876.79 | 14313.04 | 1880.120 | 4659.504 |
| #2 | 2877.573 | 69778.58 | 14330.31 | 1876.175 | 4686.208 |
| #3 | 2874.529 | 70076.37 | 14345.24 | 1889.232 | 4653.315 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-01 Acquired: 4/14/2025 22:15:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0248730 | -.000256 | .0635782 | -.004391 | -.008039 | 60.68142 | .6075226 |
| Stddev | .0021062 | .002405 | .0015056 | .005354 | .000959 | .11436 | .0002512 |
| %RSD | 8.467692 | 939.1563 | 2.368038 | 121.9314 | 11.93016 | .1884609 | .0413504 |
| #1 | .0225471 | -.002335 | .0636078 | -.009858 | -.009035 | 60.55101 | .6075994 |
| #2 | .0266514 | -.000811 | .0620581 | -.004156 | -.007121 | 60.72867 | .6072420 |
| #3 | .0254205 | .002378 | .0650687 | .000842 | -.007961 | 60.76459 | .6077265 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0064063 | .0023296 | 64.21366 | .0625867 | .0934804 | .2119414 | 234.7313 |
| Stddev | .0000136 | .0005288 | .14475 | .0001337 | .0001987 | .0004401 | 1.1876 |
| %RSD | .2119112 | 22.70051 | .2254237 | .2135417 | .2126024 | .2076397 | .5059388 |
| #1 | .0064002 | .0017490 | 64.09510 | .0626208 | .0934260 | .2114946 | 236.1023 |
| #2 | .0063969 | .0024562 | 64.37497 | .0627000 | .0933145 | .2123744 | 234.0199 |
| #3 | .0064219 | .0027836 | 64.17089 | .0624393 | .0937006 | .2119553 | 234.0718 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.191352 | 38.27711 | .0836038 | -.013158 | 1.854414 | .1194014 | .4139495 |
| Stddev | .009539 | .12528 | .0001113 | .000201 | .018323 | .0005979 | .0006159 |
| %RSD | .1837530 | .3273011 | .1331588 | 1.526948 | .9880600 | .5007461 | .1487965 |
| #1 | 5.193566 | 38.13705 | .0835438 | -.013055 | 1.875559 | .1194819 | .4146014 |
| #2 | 5.199590 | 38.37849 | .0835354 | -.013029 | 1.843218 | .1187673 | .4138698 |
| #3 | 5.180900 | 38.31578 | .0837323 | -.013389 | 1.844464 | .1199549 | .4133772 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.47881 | -.292664 | .0092439 | -.011427 | 5.543421 | 3.063528 | 8.108884 |
| Stddev | .14052 | .004154 | .0002081 | .000936 | .003742 | .017508 | .043277 |
| %RSD | .6251165 | 1.419334 | 2.251084 | 8.187131 | .0675005 | .5715061 | .5337000 |
| #1 | 22.63727 | -.287896 | .0092920 | -.010861 | 5.546046 | 3.083507 | 8.093421 |
| #2 | 22.36936 | -.295496 | .0090160 | -.010913 | 5.545080 | 3.050862 | 8.075462 |
| #3 | 22.42980 | -.294600 | .0094238 | -.012507 | 5.539136 | 3.056215 | 8.157768 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-01 Acquired: 4/14/2025 22:15:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 21.31131 | .1820275 | .0829599 |
| Stddev | .06622 | .0006054 | .0003177 |
| %RSD | .3107235 | .3326047 | .3829044 |
| | | | |
| #1 | 21.28799 | .1826131 | .0833110 |
| #2 | 21.25991 | .1814040 | .0828760 |
| #3 | 21.38604 | .1820654 | .0826926 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3184.185 | 78925.41 | 15349.90 | 2151.071 | 3916.754 |
| Stddev | 1.905 | 165.88 | 67.03 | 4.896 | 5.797 |
| %RSD | .0598232 | .2101709 | .4366496 | .2276067 | .1479946 |
| | | | | | |
| #1 | 3185.620 | 78789.36 | 15425.91 | 2153.422 | 3922.968 |
| #2 | 3182.024 | 79110.20 | 15299.29 | 2145.443 | 3915.801 |
| #3 | 3184.910 | 78876.67 | 15324.50 | 2154.349 | 3911.493 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-03 Acquired: 4/14/2025 22:19:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0594499 | -.006179 | .5929066 | .0014236 | -.009305 | 104.8336 | .9341700 |
| Stddev | .0021130 | .001672 | .0035385 | .0039543 | .001122 | .5716 | .0052769 |
| %RSD | 3.554179 | 27.06176 | .5968005 | 277.7650 | 12.05883 | .5452579 | .5648799 |
| #1 | .0576743 | -.004560 | .5891190 | -.001754 | -.008012 | 104.5683 | .9298366 |
| #2 | .0588885 | -.007900 | .5934732 | .005852 | -.010021 | 104.4430 | .9326269 |
| #3 | .0617868 | -.006077 | .5961275 | .000173 | -.009882 | 105.4897 | .9400465 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0116087 | .0028949 | 21.81996 | .2534824 | .1355789 | .6303547 | 267.9502 |
| Stddev | .0000937 | .0002526 | .10521 | .0001795 | .0002864 | .0008230 | .4218 |
| %RSD | .8072907 | 8.727047 | .4821755 | .0708233 | .2112176 | .1305540 | .1573990 |
| #1 | .0116158 | .0026106 | 21.71090 | .2532927 | .1355430 | .6303851 | 268.0089 |
| #2 | .0115116 | .0029806 | 21.82811 | .2535047 | .1353122 | .6295170 | 267.5022 |
| #3 | .0116986 | .0030937 | 21.92085 | .2536497 | .1358815 | .6311621 | 268.3396 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.810424 | 58.39926 | .2790086 | -.010689 | 1.196557 | .3284300 | .9173524 |
| Stddev | .024550 | .31101 | .0004099 | .000387 | .007469 | .0006660 | .0025851 |
| %RSD | .5103484 | .5325586 | .1469002 | 3.618573 | .6241954 | .2027681 | .2817977 |
| #1 | 4.785194 | 58.10562 | .2785445 | -.010677 | 1.188487 | .3278349 | .9182888 |
| #2 | 4.811845 | 58.36703 | .2791600 | -.010308 | 1.203226 | .3283057 | .9193387 |
| #3 | 4.834232 | 58.72513 | .2793211 | -.011082 | 1.197959 | .3291493 | .9144296 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.49526 | -.178099 | .0012039 | .0097545 | 5.904885 | 5.311112 | 8.670878 |
| Stddev | .08755 | .006396 | .0002361 | .0013367 | .026635 | .023155 | .010146 |
| %RSD | .3184276 | 3.591359 | 19.61516 | 13.70321 | .4510621 | .4359732 | .1170147 |
| #1 | 27.57096 | -.170767 | .0014306 | .0083828 | 5.881981 | 5.334573 | 8.664966 |
| #2 | 27.39938 | -.182535 | .0012219 | .0110531 | 5.898563 | 5.288276 | 8.665075 |
| #3 | 27.51543 | -.180995 | .0009593 | .0098276 | 5.934112 | 5.310488 | 8.682594 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-03 Acquired: 4/14/2025 22:19:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .4352877 | .3183581 | .1192116 |
| Stddev | .0016349 | .0013668 | .0006100 |
| %RSD | .3755974 | .4293328 | .5116773 |
| | | | |
| #1 | .4364590 | .3174920 | .1187733 |
| #2 | .4359844 | .3176484 | .1189532 |
| #3 | .4334199 | .3199338 | .1199082 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3284.487 | 79961.80 | 16676.63 | 2188.800 | 3956.636 |
| Stddev | 9.405 | 171.97 | 81.24 | 8.600 | 8.445 |
| %RSD | .2863412 | .2150687 | .4871780 | .3928940 | .2134412 |
| | | | | | |
| #1 | 3292.704 | 79877.72 | 16754.16 | 2178.887 | 3966.081 |
| #2 | 3286.526 | 80159.64 | 16683.61 | 2194.259 | 3954.012 |
| #3 | 3274.229 | 79848.06 | 16592.12 | 2193.253 | 3949.813 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-05 Acquired: 4/14/2025 22:23:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0461072 | .0096968 | .1790632 | -.004714 | -.009664 | 104.4254 | .8594698 |
| Stddev | .0005424 | .0029419 | .0013304 | .004594 | .002036 | .1048 | .0032285 |
| %RSD | 1.176351 | 30.33862 | .7429567 | 97.45465 | 21.06775 | .1003864 | .3756373 |
| #1 | .0467053 | .0124751 | .1784632 | -.005003 | -.008800 | 104.4026 | .8560220 |
| #2 | .0456472 | .0066149 | .1781385 | .000018 | -.011990 | 104.5397 | .8624216 |
| #3 | .0459691 | .0100005 | .1805879 | -.009156 | -.008203 | 104.3338 | .8599657 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0123367 | .0013152 | 19.09382 | .2332434 | .1391380 | .3587583 | 260.2846 |
| Stddev | .0001442 | .0003965 | .02297 | .0005842 | .0008961 | .0013764 | 1.3581 |
| %RSD | 1.169065 | 30.14744 | .1203047 | .2504868 | .6440679 | .3836643 | .5217755 |
| #1 | .0123590 | .0014762 | 19.09805 | .2330407 | .1381277 | .3588376 | 258.7300 |
| #2 | .0121827 | .0008635 | 19.11438 | .2327875 | .1394492 | .3573440 | 261.2403 |
| #3 | .0124685 | .0016058 | 19.06903 | .2339020 | .1398370 | .3600934 | 260.8835 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.489757 | 59.91985 | .3110859 | -.011823 | 1.293636 | .2674864 | .6181757 |
| Stddev | .014819 | .08978 | .0014507 | .000493 | .006504 | .0004675 | .0013311 |
| %RSD | .2283391 | .1498368 | .4663458 | 4.171536 | .5028075 | .1747685 | .2153190 |
| #1 | 6.477061 | 60.01760 | .3097698 | -.012352 | 1.292050 | .2676680 | .6193723 |
| #2 | 6.506040 | 59.84107 | .3108463 | -.011741 | 1.300787 | .2669554 | .6184127 |
| #3 | 6.486171 | 59.90089 | .3126415 | -.011376 | 1.288071 | .2678359 | .6167421 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.50106 | -.208218 | .0017366 | -.000225 | 3.262732 | 3.034708 | 6.140609 |
| Stddev | .11951 | .008095 | .0002342 | .001400 | .010424 | .001189 | .009403 |
| %RSD | .5311147 | 3.887687 | 13.48330 | 622.0148 | .3194781 | .0391708 | .1531290 |
| #1 | 22.36490 | -.217362 | .0014662 | -.000802 | 3.257358 | 3.033650 | 6.141020 |
| #2 | 22.58855 | -.205326 | .0018683 | .001372 | 3.274745 | 3.034479 | 6.131007 |
| #3 | 22.54974 | -.201967 | .0018752 | -.001245 | 3.256091 | 3.035994 | 6.149800 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-05 Acquired: 4/14/2025 22:23:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0186412 | .3535326 | .1245513 |
| Stddev | .0037274 | .0026381 | .0005022 |
| %RSD | 19.99537 | .7462210 | .4031776 |
| | | | |
| #1 | .0229343 | .3525627 | .1241315 |
| #2 | .0167600 | .3565184 | .1251076 |
| #3 | .0162293 | .3515167 | .1244147 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3245.936 | 78336.39 | 16151.78 | 2124.872 | 3976.750 |
| Stddev | 8.001 | 199.27 | 32.32 | 3.708 | 14.052 |
| %RSD | .2464875 | .2543768 | .2001212 | .1744915 | .3533485 |
| | | | | | |
| #1 | 3253.123 | 78529.91 | 16118.36 | 2128.773 | 3990.274 |
| #2 | 3247.370 | 78347.43 | 16182.89 | 2121.394 | 3977.753 |
| #3 | 3237.315 | 78131.83 | 16154.10 | 2124.450 | 3962.224 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV10 Acquired: 4/14/2025 22:28:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.832151 | 4.899929 | 4.868382 | 4.878142 | 4.876278 | 9.553704 | 9.666422 |
| Stddev | .005475 | .017447 | .019015 | .025836 | .017662 | .020639 | .090288 |
| %RSD | .1133073 | .3560683 | .3905770 | .5296379 | .3621938 | .2160328 | .9340392 |
| #1 | 4.826846 | 4.883278 | 4.867309 | 4.851080 | 4.858999 | 9.537819 | 9.770034 |
| #2 | 4.837781 | 4.918076 | 4.849927 | 4.880798 | 4.875537 | 9.577032 | 9.624630 |
| #3 | 4.831824 | 4.898434 | 4.887911 | 4.902548 | 4.894299 | 9.546262 | 9.604601 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2433406 | 2.448303 | 23.84570 | .9771533 | 2.452846 | 1.232302 | 4.884234 |
| Stddev | .0012595 | .005598 | .02890 | .0031036 | .006745 | .004361 | .009359 |
| %RSD | .5176087 | .2286637 | .1212133 | .3176119 | .2749786 | .3538710 | .1916108 |
| #1 | .2426116 | 2.448223 | 23.81262 | .9795412 | 2.451753 | 1.228985 | 4.892642 |
| #2 | .2447950 | 2.442746 | 23.86605 | .9782736 | 2.446715 | 1.230679 | 4.874151 |
| #3 | .2426153 | 2.453941 | 23.85844 | .9736452 | 2.460071 | 1.237241 | 4.885909 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.382521 | 23.64280 | 2.438274 | 1.221226 | 24.01037 | 2.396969 | 2.428445 |
| Stddev | .006649 | .05339 | .006895 | .000599 | .11382 | .006180 | .006987 |
| %RSD | .2790784 | .2258265 | .2827680 | .0490642 | .4740478 | .2578408 | .2877176 |
| #1 | 2.378734 | 23.58145 | 2.438239 | 1.220960 | 24.02029 | 2.395817 | 2.420994 |
| #2 | 2.378629 | 23.67873 | 2.431397 | 1.221912 | 23.89192 | 2.391446 | 2.434851 |
| #3 | 2.390198 | 23.66823 | 2.445186 | 1.220806 | 24.11891 | 2.403644 | 2.429489 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.39691 | 4.854064 | 4.920228 | 4.895711 | 4.771564 | 4.853942 | 4.885769 |
| Stddev | .02442 | .021130 | .018078 | .013020 | .009325 | .002696 | .013259 |
| %RSD | .1000934 | .4353068 | .3674195 | .2659417 | .1954338 | .0555348 | .2713838 |
| #1 | 24.40539 | 4.831704 | 4.905894 | 4.897149 | 4.762515 | 4.852703 | 4.880274 |
| #2 | 24.36938 | 4.873700 | 4.914252 | 4.882032 | 4.771036 | 4.852089 | 4.876141 |
| #3 | 24.41596 | 4.856788 | 4.940537 | 4.907953 | 4.781143 | 4.857035 | 4.900892 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV10 Acquired: 4/14/2025 22:28:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.866179 | 4.721860 | 4.885621 |
| Stddev | .011874 | .017553 | .013275 |
| %RSD | .2440055 | .3717307 | .2717183 |
| | | | |
| #1 | 4.870285 | 4.707805 | 4.900817 |
| #2 | 4.852798 | 4.716242 | 4.876283 |
| #3 | 4.875455 | 4.741534 | 4.879761 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2741.038 | 65747.14 | 13112.40 | 1783.112 | 4106.573 |
| Stddev | 8.997 | 240.52 | 73.88 | 6.087 | 7.831 |
| %RSD | .3282400 | .3658217 | .5634554 | .3413675 | .1906897 |
| | | | | | |
| #1 | 2747.898 | 65675.66 | 13150.97 | 1778.833 | 4109.462 |
| #2 | 2744.365 | 65550.46 | 13027.22 | 1780.423 | 4112.549 |
| #3 | 2730.851 | 66015.29 | 13159.02 | 1790.081 | 4097.708 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB10 Acquired: 4/14/2025 22:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0019772 | -.000026 | .0005613 | -.000530 | .0004469 | .0011490 | -.001384 |
| Stddev | .0010229 | .001193 | .0012179 | .003567 | .0019839 | .0008671 | .000922 |
| %RSD | 51.73363 | 4597.445 | 216.9720 | 673.5161 | 443.9410 | 75.46657 | 66.60017 |
| #1 | .0028842 | -.001261 | .0019677 | -.004085 | .0019639 | .0015293 | -.000653 |
| #2 | .0021790 | .000065 | -.000144 | .003048 | -.001798 | .0017611 | -.002420 |
| #3 | .0008685 | .001119 | -.000140 | -.000552 | .001175 | .0001567 | -.001080 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000106 | -.000132 | -.001939 | -.000159 | -.000128 | .0000536 | .0032169 |
| Stddev | .0000275 | .000032 | .004619 | .000268 | .000128 | .0003337 | .0034584 |
| %RSD | 259.3243 | 24.56280 | 238.2198 | 168.6824 | 99.87244 | 622.1290 | 107.5059 |
| #1 | .0000098 | -.000111 | -.006571 | -.000238 | -.000006 | .0003964 | .0041237 |
| #2 | -.000016 | -.000169 | -.001912 | .000140 | -.000116 | .0000346 | .0061316 |
| #3 | .000039 | -.000115 | .002666 | -.000377 | -.000261 | -.000270 | -.000605 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005497 | .0115057 | -.000125 | -.000224 | -.050086 | .0005780 | -.000383 |
| Stddev | .0004250 | .0094002 | .000061 | .000170 | .008973 | .0013529 | .000151 |
| %RSD | 77.32958 | 81.70089 | 48.84745 | 76.19637 | 17.91568 | 234.0761 | 39.37029 |
| #1 | .0003954 | .0184643 | -.000195 | -.000029 | -.041546 | -.000579 | -.000267 |
| #2 | .0010303 | .0008120 | -.000083 | -.000345 | -.059437 | .002065 | -.000553 |
| #3 | .0002232 | .0152408 | -.000096 | -.000296 | -.049274 | .000248 | -.000328 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.015974 | .0051306 | -.000143 | -.000016 | -.000338 | .0143974 | .0027382 |
| Stddev | .004241 | .0002685 | .000367 | .001247 | .000433 | .0044602 | .0001600 |
| %RSD | 26.54708 | 5.233609 | 255.8186 | 7704.247 | 127.9047 | 30.97931 | 5.843149 |
| #1 | -.016308 | .0053526 | -.000357 | -.000559 | -.000833 | .0175140 | .0027217 |
| #2 | -.011577 | .0048322 | .000280 | .001410 | -.000156 | .0092882 | .0025872 |
| #3 | -.020038 | .0052071 | -.000353 | -.000900 | -.000026 | .0163899 | .0029059 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB10 Acquired: 4/14/2025 22:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0021047 | -.000670 | -.000078 |
| Stddev | .0023950 | .000750 | .000017 |
| %RSD | 113.7953 | 112.0135 | 21.24089 |
| | | | |
| #1 | .0015009 | -.001157 | -.000097 |
| #2 | .0047437 | -.001047 | -.000072 |
| #3 | .0000693 | .000194 | -.000066 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2805.285 | 67749.37 | 13091.37 | 1855.331 | 4449.182 |
| Stddev | 5.089 | 198.13 | 22.39 | 4.554 | 11.525 |
| %RSD | .1814014 | .2924392 | .1710618 | .2454789 | .2590332 |
| | | | | | |
| #1 | 2809.233 | 67843.57 | 13101.57 | 1857.907 | 4457.974 |
| #2 | 2807.079 | 67882.82 | 13065.69 | 1850.072 | 4453.437 |
| #3 | 2799.542 | 67521.72 | 13106.85 | 1858.014 | 4436.134 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-07 Acquired: 4/14/2025 22:36:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0628865 | .0094547 | .2308584 | .0022632 | -.012500 | 117.2883 | 1.167381 |
| Stddev | .0026222 | .0021577 | .0011078 | .0067593 | .002664 | .1131 | .002569 |
| %RSD | 4.169718 | 22.82146 | .4798639 | 298.6662 | 21.31451 | .0964451 | .2200555 |
| #1 | .0652868 | .0107121 | .2298676 | .0098013 | -.011434 | 117.3881 | 1.167292 |
| #2 | .0632848 | .0069633 | .2306531 | -.003258 | -.010533 | 117.1654 | 1.164858 |
| #3 | .0600880 | .0106889 | .2320545 | .000247 | -.015532 | 117.3113 | 1.169993 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0147541 | .0053324 | 24.47305 | .2810235 | .1858370 | .6225114 | 321.7083 |
| Stddev | .0001083 | .0004054 | .02274 | .0008784 | .0008299 | .0013523 | 1.4089 |
| %RSD | .7342390 | 7.601755 | .0929134 | .3125652 | .4465934 | .2172396 | .4379403 |
| #1 | .0147884 | .0049196 | 24.48336 | .2820315 | .1850866 | .6210504 | 322.0447 |
| #2 | .0146328 | .0053477 | 24.48881 | .2804221 | .1856960 | .6227644 | 322.9186 |
| #3 | .0148412 | .0057299 | 24.44698 | .2806168 | .1867284 | .6237193 | 320.1617 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.11354 | 69.45086 | .3903747 | -.012466 | 1.745191 | .3328409 | .6910284 |
| Stddev | .00785 | .03048 | .0011041 | .000230 | .010772 | .0011592 | .0020215 |
| %RSD | .0706518 | .0438909 | .2828256 | 1.842367 | .6172242 | .3482775 | .2925369 |
| #1 | 11.10476 | 69.43386 | .3903478 | -.012355 | 1.736443 | .3315726 | .6924285 |
| #2 | 11.11596 | 69.43267 | .3892843 | -.012312 | 1.757222 | .3331043 | .6887108 |
| #3 | 11.11989 | 69.48605 | .3914919 | -.012730 | 1.741907 | .3338457 | .6919458 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 28.57179 | -.189278 | .0023653 | -.000905 | 4.276762 | 2.902669 | 8.583096 |
| Stddev | .06253 | .008827 | .0002658 | .000660 | .003304 | .014220 | .047304 |
| %RSD | .2188473 | 4.663691 | 11.23941 | 72.97991 | .0772587 | .4899028 | .5511314 |
| #1 | 28.59616 | -.185436 | .0024683 | -.001331 | 4.277779 | 2.908492 | 8.540802 |
| #2 | 28.61846 | -.183022 | .0020633 | -.001239 | 4.273069 | 2.913054 | 8.574309 |
| #3 | 28.50074 | -.199375 | .0025641 | -.000144 | 4.279438 | 2.886462 | 8.634178 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-07 Acquired: 4/14/2025 22:36:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0149211 | .4185566 | .1521771 |
| Stddev | .0007718 | .0014991 | .0002763 |
| %RSD | 5.172546 | .3581535 | .1815453 |
| | | | |
| #1 | .0152420 | .4175652 | .1521085 |
| #2 | .0140406 | .4178236 | .1519415 |
| #3 | .0154806 | .4202812 | .1524812 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3445.088 | 84009.85 | 17760.12 | 2310.295 | 3903.776 |
| Stddev | 1.688 | 132.22 | 36.77 | 9.953 | 2.741 |
| %RSD | .0489951 | .1573895 | .2070157 | .4308196 | .0702212 |
| | | | | | |
| #1 | 3443.146 | 83954.24 | 17769.58 | 2315.764 | 3901.544 |
| #2 | 3446.194 | 83914.51 | 17791.24 | 2298.806 | 3906.836 |
| #3 | 3445.926 | 84160.79 | 17719.55 | 2316.314 | 3902.949 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV11 Acquired: 4/14/2025 22:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.801447 | 4.868814 | 4.846705 | 4.850158 | 4.846623 | 9.488575 | 9.832116 |
| Stddev | .028388 | .035197 | .017665 | .033216 | .028801 | .003090 | .106482 |
| %RSD | .5912284 | .7229078 | .3644693 | .6848421 | .5942513 | .0325696 | 1.083004 |
| #1 | 4.789941 | 4.835965 | 4.832486 | 4.827592 | 4.832422 | 9.485039 | 9.949056 |
| #2 | 4.780619 | 4.864513 | 4.841148 | 4.834583 | 4.827681 | 9.490756 | 9.740748 |
| #3 | 4.833781 | 4.905964 | 4.866480 | 4.888300 | 4.879767 | 9.489931 | 9.806543 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2406105 | 2.453422 | 24.13629 | .9582528 | 2.461496 | 1.233110 | 4.934821 |
| Stddev | .0008079 | .007181 | .03086 | .0030553 | .007162 | .005484 | .014391 |
| %RSD | .3357563 | .2926943 | .1278369 | .3188390 | .2909496 | .4447442 | .2916310 |
| #1 | .2396794 | 2.449925 | 24.16620 | .9549493 | 2.457139 | 1.229813 | 4.951435 |
| #2 | .2411249 | 2.448659 | 24.10457 | .9588322 | 2.457587 | 1.230077 | 4.926219 |
| #3 | .2410272 | 2.461682 | 24.13811 | .9609769 | 2.469761 | 1.239441 | 4.926808 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.424011 | 23.49527 | 2.442224 | 1.209089 | 25.68438 | 2.402649 | 2.398582 |
| Stddev | .007959 | .05353 | .007831 | .000896 | .15313 | .008776 | .004181 |
| %RSD | .3283555 | .2278179 | .3206481 | .0741180 | .5961828 | .3652754 | .1743290 |
| #1 | 2.433157 | 23.46195 | 2.438357 | 1.208523 | 25.85943 | 2.412684 | 2.403267 |
| #2 | 2.418652 | 23.46684 | 2.437080 | 1.208622 | 25.61847 | 2.398862 | 2.397251 |
| #3 | 2.420226 | 23.55701 | 2.451237 | 1.210122 | 25.57525 | 2.396403 | 2.395228 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.17356 | 4.824848 | 4.852226 | 4.898287 | 4.811666 | 4.788308 | 5.014163 |
| Stddev | .07630 | .015619 | .025402 | .017255 | .012168 | .008381 | .032941 |
| %RSD | .3031143 | .3237250 | .5235135 | .3522748 | .2528851 | .1750205 | .6569512 |
| #1 | 25.26008 | 4.807035 | 4.837007 | 4.885823 | 4.825042 | 4.786500 | 4.982205 |
| #2 | 25.14470 | 4.831303 | 4.838120 | 4.891057 | 4.801254 | 4.780979 | 5.012277 |
| #3 | 25.11589 | 4.836205 | 4.881551 | 4.917981 | 4.808700 | 4.797445 | 5.048006 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV11 Acquired: 4/14/2025 22:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.973354 | 4.775492 | 4.907778 |
| Stddev | .020404 | .014421 | .029730 |
| %RSD | .4102746 | .3019720 | .6057746 |
| | | | |
| #1 | 4.973562 | 4.790066 | 4.875976 |
| #2 | 4.952846 | 4.775181 | 4.912484 |
| #3 | 4.993653 | 4.761230 | 4.934875 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2743.878 | 66928.71 | 13269.11 | 1849.862 | 4061.272 |
| Stddev | 12.910 | 86.33 | 17.84 | 6.185 | 12.959 |
| %RSD | .4705183 | .1289863 | .1344796 | .3343310 | .3190888 |
| | | | | | |
| #1 | 2747.880 | 66887.25 | 13280.45 | 1843.037 | 4063.109 |
| #2 | 2754.315 | 67027.94 | 13278.33 | 1855.096 | 4073.214 |
| #3 | 2729.441 | 66870.92 | 13248.54 | 1851.452 | 4047.492 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB11 Acquired: 4/14/2025 22:44:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0037228 | -.000382 | .0003771 | -.004208 | .0004884 | .0008770 | .0008307 |
| Stddev | .0009536 | .000500 | .0009273 | .001866 | .0013156 | .0041822 | .0008399 |
| %RSD | 25.61478 | 130.8398 | 245.8551 | 44.33856 | 269.3928 | 476.8505 | 101.1119 |
| #1 | .0026268 | .000194 | .0013857 | -.003178 | .0014931 | .0044501 | .0012339 |
| #2 | .0043625 | -.000706 | .0001842 | -.003084 | .0009727 | -.003723 | -.000135 |
| #3 | .0041789 | -.000635 | -.000438 | -.006361 | -.001001 | .001904 | .001393 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000002 | -.000063 | -.004386 | -.000357 | .0000363 | .0002354 | .0013959 |
| Stddev | .000080 | .000054 | .002808 | .000055 | .0002634 | .0002526 | .0074498 |
| %RSD | 5032.781 | 85.33850 | 64.01480 | 15.52573 | 724.9012 | 107.3381 | 533.6785 |
| #1 | .000083 | -.000092 | -.001161 | -.000299 | .0001628 | .0002781 | -.004940 |
| #2 | -.000076 | -.000001 | -.005709 | -.000364 | .0002127 | -.000036 | .009603 |
| #3 | -.000012 | -.000097 | -.006288 | -.000409 | -.000266 | .000464 | -.000475 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004375 | .0055519 | -.000007 | -.000271 | -.053879 | .0002791 | -.000518 |
| Stddev | .0002571 | .0123826 | .000217 | .000100 | .009832 | .0007209 | .000227 |
| %RSD | 58.77345 | 223.0326 | 3257.403 | 36.78345 | 18.24753 | 258.2303 | 43.89653 |
| #1 | .0006546 | .0185319 | .000227 | -.000156 | -.049748 | .0010779 | -.000403 |
| #2 | .0001535 | -.006131 | -.000200 | -.000323 | -.046787 | -.000323 | -.000779 |
| #3 | .0005043 | .004255 | -.000047 | -.000334 | -.065102 | .000082 | -.000371 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.027060 | .0063454 | -.000029 | -.000357 | -.000878 | .0174138 | .0040973 |
| Stddev | .018261 | .0002066 | .000180 | .000432 | .000321 | .0038770 | .0005791 |
| %RSD | 67.48402 | 3.255490 | 618.0455 | 121.0621 | 36.52775 | 22.26402 | 14.13319 |
| #1 | -.046547 | .0064186 | .000133 | -.000782 | -.001248 | .0159410 | .0042562 |
| #2 | -.024293 | .0065055 | .000003 | .000082 | -.000709 | .0144890 | .0034554 |
| #3 | -.010340 | .0061122 | -.000222 | -.000370 | -.000677 | .0218115 | .0045804 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB11 Acquired: 4/14/2025 22:44:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0021135 | -.000277 | .0000158 |
| Stddev | .0036735 | .000956 | .0000327 |
| %RSD | 173.8160 | 345.7059 | 206.5048 |
| | | | |
| #1 | .0033420 | -.000232 | .0000057 |
| #2 | .0050153 | -.001254 | -.000011 |
| #3 | -.002017 | .000657 | .000052 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2903.532 | 71820.39 | 13717.05 | 1937.941 | 4661.367 |
| Stddev | 5.484 | 49.57 | 26.28 | 5.883 | 7.627 |
| %RSD | .1888801 | .0690160 | .1915577 | .3035582 | .1636186 |
| | | | | | |
| #1 | 2908.429 | 71776.49 | 13736.10 | 1943.106 | 4669.184 |
| #2 | 2904.562 | 71810.54 | 13687.08 | 1931.538 | 4660.970 |
| #3 | 2897.606 | 71874.14 | 13727.98 | 1939.181 | 4653.945 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-02 Acquired: 4/14/2025 22:49:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003003 | -.004702 | .0025599 | .0045849 | .0013186 | .0674596 | .2638110 |
| Stddev | .001690 | .000527 | .0006837 | .0008436 | .0024848 | .0030773 | .0009342 |
| %RSD | 56.26083 | 11.21768 | 26.70802 | 18.39965 | 188.4462 | 4.561656 | .3541287 |
| #1 | -.001336 | -.004990 | .0021423 | .0049108 | -.000920 | .0659771 | .2641681 |
| #2 | -.002960 | -.005022 | .0021884 | .0036269 | .000883 | .0709976 | .2645141 |
| #3 | -.004714 | -.004093 | .0033489 | .0052169 | .003992 | .0654043 | .2627509 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000155 | .0001930 | 43.87379 | .0001825 | .0060209 | .0104109 | .0404170 |
| Stddev | .000029 | .0000305 | .18756 | .0000789 | .0001532 | .0003469 | .0028304 |
| %RSD | 18.93462 | 15.80947 | .4275018 | 43.22899 | 2.545222 | 3.331721 | 7.002896 |
| #1 | -.000133 | .0002194 | 43.97625 | .0002679 | .0059144 | .0100174 | .0398355 |
| #2 | -.000188 | .0001596 | 43.98781 | .0001124 | .0059518 | .0105431 | .0434929 |
| #3 | -.000143 | .0002000 | 43.65732 | .0001671 | .0061965 | .0106722 | .0379225 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.315124 | .9769199 | .0037052 | -.000167 | 325.6490 | .0011179 | .1008209 |
| Stddev | .003840 | .0114276 | .0002756 | .000354 | 2.6935 | .0011467 | .0006848 |
| %RSD | .2919759 | 1.169756 | 7.437047 | 212.6886 | .8271314 | 102.5776 | .6791885 |
| #1 | 1.318272 | .9781770 | .0040228 | -.000569 | 326.5159 | .0007629 | .1000638 |
| #2 | 1.316253 | .9649157 | .0035296 | .000099 | 327.8025 | .0001907 | .1013970 |
| #3 | 1.310846 | .9876669 | .0035632 | -.000030 | 322.6288 | .0024002 | .1010019 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.752852 | .0327534 | -.000005 | -.002115 | -.000958 | .8723058 | .0130459 |
| Stddev | .021014 | .0010144 | .000176 | .001218 | .000182 | .0048563 | .0057471 |
| %RSD | .5599496 | 3.097216 | 3484.515 | 57.59192 | 18.99178 | .5567237 | 44.05250 |
| #1 | 3.728696 | .0326736 | .000102 | -.003501 | -.001051 | .8776445 | .0096849 |
| #2 | 3.762935 | .0338053 | .000091 | -.001215 | -.000748 | .8681507 | .0196819 |
| #3 | 3.766924 | .0317811 | -.000208 | -.001629 | -.001074 | .8711221 | .0097710 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-02 Acquired: 4/14/2025 22:49:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 1.408441 | -.008354 | .0497666 |
| Stddev | .013056 | .001093 | .0002156 |
| %RSD | .9269755 | 13.08487 | .4331416 |
| | | | |
| #1 | 1.397199 | -.009336 | .0499677 |
| #2 | 1.405363 | -.008550 | .0497931 |
| #3 | 1.422761 | -.007176 | .0495390 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2623.065 | 64324.45 | 13546.11 | 1736.446 | 3864.977 |
| Stddev | 13.307 | 14.08 | 59.08 | 6.034 | 16.381 |
| %RSD | .5072933 | .0218892 | .4361048 | .3474638 | .4238364 |
| | | | | | |
| #1 | 2638.412 | 64336.37 | 13496.43 | 1742.842 | 3882.266 |
| #2 | 2616.040 | 64328.07 | 13530.46 | 1730.856 | 3862.978 |
| #3 | 2614.742 | 64308.92 | 13611.43 | 1735.641 | 3849.687 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-04. Acquired: 4/14/2025 22:53:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000844 | -.005538 | .0223149 | .0057593 | .0019701 | .0163885 | .3732264 |
| Stddev | .000952 | .000516 | .0015193 | .0024584 | .0007429 | .0037033 | .0004923 |
| %RSD | 112.7631 | 9.323107 | 6.808385 | 42.68588 | 37.71020 | 22.59671 | .1319156 |
| #1 | -.001906 | -.005438 | .0233404 | .0051225 | .0020330 | .0164612 | .3734363 |
| #2 | -.000562 | -.005079 | .0205695 | .0036819 | .0011978 | .0200549 | .3735790 |
| #3 | -.000065 | -.006097 | .0230349 | .0084734 | .0026796 | .0126494 | .3726639 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000112 | .0014020 | 13.42223 | -.000235 | .0019942 | .0248252 | .0021429 |
| Stddev | .000030 | .0001222 | .01664 | .000103 | .0001255 | .0002904 | .0052939 |
| %RSD | 26.38392 | 8.719410 | .1239726 | 43.86472 | 6.295206 | 1.169973 | 247.0476 |
| #1 | -.000135 | .0015429 | 13.42125 | -.000116 | .0019047 | .0246496 | .0075074 |
| #2 | -.000079 | .0013394 | 13.40610 | -.000300 | .0021377 | .0246657 | -.003077 |
| #3 | -.000123 | .0013238 | 13.43934 | -.000290 | .0019401 | .0251605 | .001999 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.372774 | 1.011501 | .0092865 | -.000435 | 313.3215 | .0006974 | .2726940 |
| Stddev | .001882 | .011242 | .0001752 | .000307 | 5.4852 | .0011682 | .0012829 |
| %RSD | .1370798 | 1.111399 | 1.886328 | 70.51478 | 1.750648 | 167.5218 | .4704444 |
| #1 | 1.372134 | 1.021507 | .0091879 | -.000723 | 317.5021 | .0002272 | .2715699 |
| #2 | 1.374892 | 1.013659 | .0091830 | -.000471 | 315.3518 | .0020274 | .2724206 |
| #3 | 1.371295 | .999336 | .0094888 | -.000112 | 307.1107 | -.000163 | .2740916 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.302985 | .0310241 | .0000950 | -.001248 | -.000136 | .6104802 | .1059103 |
| Stddev | .028241 | .0005234 | .0002357 | .000820 | .000131 | .0058622 | .0034644 |
| %RSD | 2.167434 | 1.687175 | 248.1965 | 65.73001 | 95.94801 | .9602540 | 3.271046 |
| #1 | 1.326956 | .0314919 | .0003637 | -.000320 | -.000067 | .6131840 | .1080519 |
| #2 | 1.310146 | .0304588 | -.000077 | -.001547 | -.000054 | .6037541 | .1077656 |
| #3 | 1.271852 | .0311217 | -.000002 | -.001876 | -.000287 | .6145025 | .1019134 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-04. Acquired: 4/14/2025 22:53:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .5286225 | -.001567 | .0866993 |
| Stddev | .0041069 | .000219 | .0001130 |
| %RSD | .7769040 | 13.98152 | .1303613 |
| | | | |
| #1 | .5245060 | -.001348 | .0868267 |
| #2 | .5286420 | -.001569 | .0866602 |
| #3 | .5327197 | -.001786 | .0866111 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2596.332 | 63592.92 | 13620.91 | 1717.053 | 3871.351 |
| Stddev | 10.432 | 57.16 | 42.87 | 2.311 | 11.320 |
| %RSD | .4017828 | .0898860 | .3147458 | .1345887 | .2923938 |
| | | | | | |
| #1 | 2594.852 | 63658.93 | 13575.88 | 1719.282 | 3872.598 |
| #2 | 2607.424 | 63559.66 | 13661.23 | 1717.211 | 3881.996 |
| #3 | 2586.719 | 63560.18 | 13625.62 | 1714.668 | 3859.460 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-06 Acquired: 4/14/2025 22:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002048 | -.006726 | .0334190 | .0064325 | .0028657 | .0804360 | .3023993 |
| Stddev | .002860 | .001398 | .0011237 | .0029860 | .0024443 | .0022753 | .0019924 |
| %RSD | 139.6838 | 20.78218 | 3.362555 | 46.42035 | 85.29429 | 2.828717 | .6588553 |
| #1 | -.000753 | -.008054 | .0344505 | .0063794 | .0013626 | .0821383 | .3045426 |
| #2 | -.005327 | -.005267 | .0335850 | .0034735 | .0015485 | .0813180 | .3020517 |
| #3 | -.000063 | -.006858 | .0322215 | .0094448 | .0056862 | .0778518 | .3006036 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002036 | .0003073 | 9.184594 | -.000727 | -.000494 | .0153834 | .0073999 |
| Stddev | .0000432 | .0000260 | .033461 | .000266 | .000085 | .0002421 | .0009873 |
| %RSD | 21.21355 | 8.463793 | .3643134 | 36.54047 | 17.27136 | 1.573639 | 13.34191 |
| #1 | .0002534 | .0003356 | 9.184782 | -.001034 | -.000513 | .0151717 | .0084311 |
| #2 | .0001804 | .0003015 | 9.217960 | -.000581 | -.000401 | .0153313 | .0064633 |
| #3 | .0001769 | .0002846 | 9.151039 | -.000566 | -.000569 | .0156473 | .0073054 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0458870 | 2.971444 | .0078105 | -.000634 | 312.1755 | .0006776 | .1118990 |
| Stddev | .0005513 | .020385 | .0002289 | .000210 | .8280 | .0009019 | .0008450 |
| %RSD | 1.201373 | .6860252 | 2.930677 | 33.07476 | .2652362 | 133.1086 | .7551671 |
| #1 | .0463181 | 2.957887 | .0080224 | -.000441 | 313.1311 | .0016507 | .1128341 |
| #2 | .0460770 | 2.994887 | .0075677 | -.000603 | 311.6717 | -.000130 | .1111903 |
| #3 | .0452658 | 2.961558 | .0078412 | -.000857 | 311.7237 | .000512 | .1116725 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.638825 | .0386875 | -.000280 | -.000338 | -.000750 | .4624048 | .0263670 |
| Stddev | .018692 | .0006682 | .000311 | .000518 | .000309 | .0040488 | .0013814 |
| %RSD | 1.140592 | 1.727260 | 110.9931 | 152.9496 | 41.24148 | .8755894 | 5.239040 |
| #1 | 1.642268 | .0394509 | -.000176 | -.000924 | -.001082 | .4577297 | .0275067 |
| #2 | 1.618650 | .0382081 | -.000035 | -.000151 | -.000698 | .4647326 | .0248307 |
| #3 | 1.655556 | .0384036 | -.000630 | .000060 | -.000470 | .4647521 | .0267635 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-06 Acquired: 4/14/2025 22:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2823424 | -.003733 | .0677016 |
| Stddev | .0034174 | .000671 | .0003972 |
| %RSD | 1.210385 | 17.96545 | .5866385 |
| | | | |
| #1 | .2862877 | -.004489 | .0680894 |
| #2 | .2802990 | -.003211 | .0677199 |
| #3 | .2804406 | -.003498 | .0672957 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2681.565 | 65439.43 | 13734.50 | 1790.339 | 3899.962 |
| Stddev | 8.019 | 101.83 | 22.50 | 5.283 | 8.741 |
| %RSD | .2990519 | .1556168 | .1638326 | .2950752 | .2241276 |
| | | | | | |
| #1 | 2684.026 | 65329.65 | 13740.08 | 1785.059 | 3907.935 |
| #2 | 2688.065 | 65530.80 | 13709.74 | 1790.332 | 3901.335 |
| #3 | 2672.603 | 65457.85 | 13753.69 | 1795.625 | 3890.615 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-08 Acquired: 4/14/2025 23:02:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001007 | -.005888 | .0123612 | .0026468 | .0023164 | .0857562 | .3807250 |
| Stddev | .001691 | .001160 | .0006557 | .0022860 | .0012943 | .0084702 | .0012771 |
| %RSD | 167.8679 | 19.70787 | 5.304571 | 86.36566 | 55.87411 | 9.877051 | .3354391 |
| #1 | -.000281 | -.006884 | .0117344 | .0042155 | .0008668 | .0920773 | .3818347 |
| #2 | .000199 | -.006166 | .0130424 | .0037010 | .0027263 | .0761321 | .3810112 |
| #3 | -.002940 | -.004614 | .0123067 | .0000240 | .0033562 | .0890590 | .3793290 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001864 | .0006608 | 9.041033 | .0010586 | -.000268 | .0250279 | .0703566 |
| Stddev | .0000090 | .0000867 | .014451 | .0001153 | .000378 | .0001301 | .0014943 |
| %RSD | 4.831845 | 13.12886 | .1598332 | 10.89146 | 141.2014 | .5198005 | 2.123898 |
| #1 | .0001760 | .0007587 | 9.053950 | .0011894 | -.000012 | .0251528 | .0686311 |
| #2 | .0001914 | .0006297 | 9.025427 | .0009717 | -.000702 | .0248931 | .0712182 |
| #3 | .0001919 | .0005938 | 9.043722 | .0010148 | -.000089 | .0250379 | .0712205 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1773876 | 2.101196 | .0138563 | -.000642 | 295.9862 | .0009676 | .1549540 |
| Stddev | .0003673 | .008701 | .0001007 | .000234 | 3.2983 | .0006493 | .0010594 |
| %RSD | .2070831 | .4140876 | .7268260 | 36.46612 | 1.114339 | 67.10560 | .6837138 |
| #1 | .1777994 | 2.103117 | .0139571 | -.000374 | 299.7721 | .0013415 | .1538820 |
| #2 | .1770937 | 2.091696 | .0138562 | -.000747 | 294.4519 | .0002178 | .1549797 |
| #3 | .1772697 | 2.108776 | .0137557 | -.000805 | 293.7344 | .0013433 | .1560004 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.258237 | .0318456 | .0000030 | .0007547 | -.000350 | .3797030 | .0220414 |
| Stddev | .007411 | .0003959 | .0001719 | .0009991 | .000513 | .0035853 | .0040570 |
| %RSD | .5889859 | 1.243043 | 5750.437 | 132.3836 | 146.4815 | .9442278 | 18.40639 |
| #1 | 1.264034 | .0317223 | -.000195 | -.000329 | -.000942 | .3829369 | .0226768 |
| #2 | 1.260790 | .0322885 | .000110 | .001640 | -.000033 | .3803246 | .0257432 |
| #3 | 1.249887 | .0315261 | .000094 | .000953 | -.000075 | .3758476 | .0177041 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-08 Acquired: 4/14/2025 23:02:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .2895249 | -.003994 | .0733786 |
| Stddev | .0056211 | .000222 | .0001155 |
| %RSD | 1.941504 | 5.564450 | .1574510 |
| | | | |
| #1 | .2909251 | -.004245 | .0734996 |
| #2 | .2943135 | -.003822 | .0732695 |
| #3 | .2833360 | -.003915 | .0733666 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2678.277 | 65975.08 | 12834.17 | 1811.139 | 3926.954 |
| Stddev | .930 | 80.03 | 28.40 | 7.137 | 1.830 |
| %RSD | .0347191 | .1212981 | .2213175 | .3940590 | .0465903 |
| | | | | | |
| #1 | 2677.817 | 65948.91 | 12801.86 | 1814.674 | 3928.209 |
| #2 | 2679.347 | 65911.41 | 12845.45 | 1802.924 | 3924.855 |
| #3 | 2677.667 | 66064.91 | 12855.21 | 1815.818 | 3927.799 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV12 Acquired: 4/14/2025 23:06:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.757475 | 4.853323 | 4.828409 | 4.802317 | 4.825215 | 9.434112 |
| Stddev | .031698 | .059091 | .018302 | .028669 | .024725 | .024229 |
| %RSD | .6662675 | 1.217534 | .3790571 | .5969771 | .5124191 | .2568285 |
| #1 | 4.729754 | 4.832210 | 4.821544 | 4.784886 | 4.813123 | 9.426508 |
| #2 | 4.750638 | 4.807688 | 4.814531 | 4.786661 | 4.808863 | 9.414596 |
| #3 | 4.792033 | 4.920070 | 4.849151 | 4.835405 | 4.853659 | 9.461231 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.897762 | .2286958 | 2.434041 | 23.89444 | .9652877 | 2.443740 |
| Stddev | .019965 | .0008050 | .008011 | .03524 | .0041358 | .008144 |
| %RSD | .2017104 | .3519996 | .3291066 | .1474969 | .4284523 | .3332688 |
| #1 | 9.914579 | .2278021 | 2.431721 | 23.86900 | .9686834 | 2.442011 |
| #2 | 9.903010 | .2289213 | 2.427446 | 23.87965 | .9606818 | 2.436599 |
| #3 | 9.875698 | .2293640 | 2.442955 | 23.93467 | .9664979 | 2.452610 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.223591 | 5.057546 | 2.378820 | 23.19543 | 2.424651 | 1.204253 |
| Stddev | .005189 | .014776 | .007046 | .12274 | .008251 | .003328 |
| %RSD | .4240440 | .2921649 | .2962017 | .5291600 | .3402872 | .2763724 |
| #1 | 1.220969 | 5.064262 | 2.372594 | 23.06560 | 2.421687 | 1.207890 |
| #2 | 1.220238 | 5.040605 | 2.377397 | 23.30958 | 2.418292 | 1.201360 |
| #3 | 1.229568 | 5.067773 | 2.386469 | 23.21112 | 2.433974 | 1.203509 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 27.52088 | 2.384350 | 2.410413 | 27.18895 | 4.565890 | 4.879024 |
| Stddev | .28344 | .007271 | .012305 | .26449 | .022137 | .023570 |
| %RSD | 1.029896 | .3049347 | .5104766 | .9727677 | .4848378 | .4830839 |
| #1 | 27.80209 | 2.382823 | 2.420153 | 27.41578 | 4.540668 | 4.862056 |
| #2 | 27.23527 | 2.377965 | 2.396584 | 26.89844 | 4.582096 | 4.869081 |
| #3 | 27.52528 | 2.392263 | 2.414501 | 27.25263 | 4.574908 | 4.905937 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV12 Acquired: 4/14/2025 23:06:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.861277 | 4.767320 | 4.964567 | 4.924931 | 4.856910 | 4.681208 |
| Stddev | .020530 | .009855 | .031890 | .034323 | .024736 | .017005 |
| %RSD | .4223156 | .2067194 | .6423458 | .6969247 | .5092986 | .3632675 |
| #1 | 4.850360 | 4.769918 | 4.985820 | 4.928182 | 4.845784 | 4.688049 |
| #2 | 4.848511 | 4.756426 | 4.927898 | 4.889099 | 4.839691 | 4.661848 |
| #3 | 4.884958 | 4.775615 | 4.979982 | 4.957514 | 4.885256 | 4.693727 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.885940 |
| Stddev | .037027 |
| %RSD | .7578373 |
| #1 | 4.927016 |
| #2 | 4.875678 |
| #3 | 4.855125 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2763.980 | 66870.74 | 13939.30 | 1816.860 | 4123.206 |
| Stddev | 7.642 | 267.48 | 41.54 | 12.318 | 10.450 |
| %RSD | .2764887 | .3999970 | .2980269 | .6779788 | .2534391 |
| #1 | 2769.851 | 66595.00 | 13986.97 | 1803.243 | 4126.225 |
| #2 | 2766.750 | 67129.12 | 13910.79 | 1827.228 | 4131.814 |
| #3 | 2755.339 | 66888.09 | 13920.15 | 1820.109 | 4111.579 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB12 Acquired: 4/14/2025 23:11:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0028297 | -.001349 | .0000980 | -.000518 | -.001306 | .0020160 | -.000083 |
| Stddev | .0015926 | .000516 | .0004386 | .000979 | .001196 | .0023150 | .000760 |
| %RSD | 56.28071 | 38.24069 | 447.3975 | 189.0720 | 91.61365 | 114.8296 | 915.4287 |
| #1 | .0036497 | -.001945 | .0005621 | -.001649 | -.001794 | .0012349 | -.000860 |
| #2 | .0038452 | -.001037 | .0000414 | .000046 | -.002181 | .0046205 | -.000047 |
| #3 | .0009942 | -.001066 | -.000309 | .000049 | .000057 | .0001926 | .000658 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000032 | -.000073 | -.004927 | .0000505 | .0000749 | .0003293 | -.000431 |
| Stddev | .000028 | .000108 | .004376 | .0002071 | .0001159 | .0004348 | .003056 |
| %RSD | 88.75729 | 148.1394 | 88.81040 | 410.5737 | 154.7954 | 132.0691 | 708.4979 |
| #1 | -.000033 | -.000145 | -.008713 | .0001512 | -.000035 | .0006752 | -.003572 |
| #2 | -.000059 | .000051 | -.005931 | -.000188 | .000064 | .0004714 | .002531 |
| #3 | -.000003 | -.000125 | -.000136 | .000188 | .000196 | -.000159 | -.000253 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003420 | .0143025 | .0000311 | -.000423 | .0227053 | .0006103 | -.000443 |
| Stddev | .0001251 | .0054976 | .0001911 | .000401 | .0028565 | .0005791 | .000312 |
| %RSD | 36.57106 | 38.43815 | 615.2579 | 94.68901 | 12.58063 | 94.89299 | 70.30172 |
| #1 | .0003577 | .0189058 | -.000170 | -.000825 | .0198397 | .0000207 | -.000196 |
| #2 | .0002099 | .0082152 | .000053 | -.000023 | .0227238 | .0006319 | -.000340 |
| #3 | .0004586 | .0157864 | .000210 | -.000421 | .0255526 | .0011783 | -.000793 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.007425 | .0048077 | .0000347 | -.000367 | .0000270 | .0133751 | .0020514 |
| Stddev | .034724 | .0005236 | .0002111 | .000557 | .0001885 | .0040781 | .0026877 |
| %RSD | 467.6543 | 10.89185 | 608.9828 | 151.7034 | 697.2006 | 30.48997 | 131.0177 |
| #1 | -.013944 | .0054119 | .0002164 | -.000781 | -.000190 | .0087934 | .0019267 |
| #2 | .030096 | .0044848 | .0000845 | -.000586 | .000124 | .0166074 | -.000572 |
| #3 | -.038428 | .0045264 | -.000197 | .000266 | .000148 | .0147245 | .004799 |

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB12 Acquired: 4/14/2025 23:11:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0005766 | .0018424 | .0000627 |
| Stddev | .0010342 | .0005552 | .0000664 |
| %RSD | 179.3428 | 30.13683 | 105.9268 |
| | | | |
| #1 | .0006989 | .0014993 | .0001390 |
| #2 | .0015443 | .0024831 | .0000312 |
| #3 | -.000513 | .0015450 | .0000179 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2819.072 | 68983.88 | 14120.29 | 1877.640 | 4468.159 |
| Stddev | 6.221 | 168.83 | 37.59 | 9.242 | 10.728 |
| %RSD | .2206762 | .2447337 | .2662441 | .4922210 | .2400989 |
| | | | | | |
| #1 | 2821.866 | 69078.99 | 14078.14 | 1882.342 | 4469.312 |
| #2 | 2823.407 | 68788.95 | 14132.38 | 1866.992 | 4478.263 |
| #3 | 2811.944 | 69083.69 | 14150.35 | 1883.586 | 4456.901 |