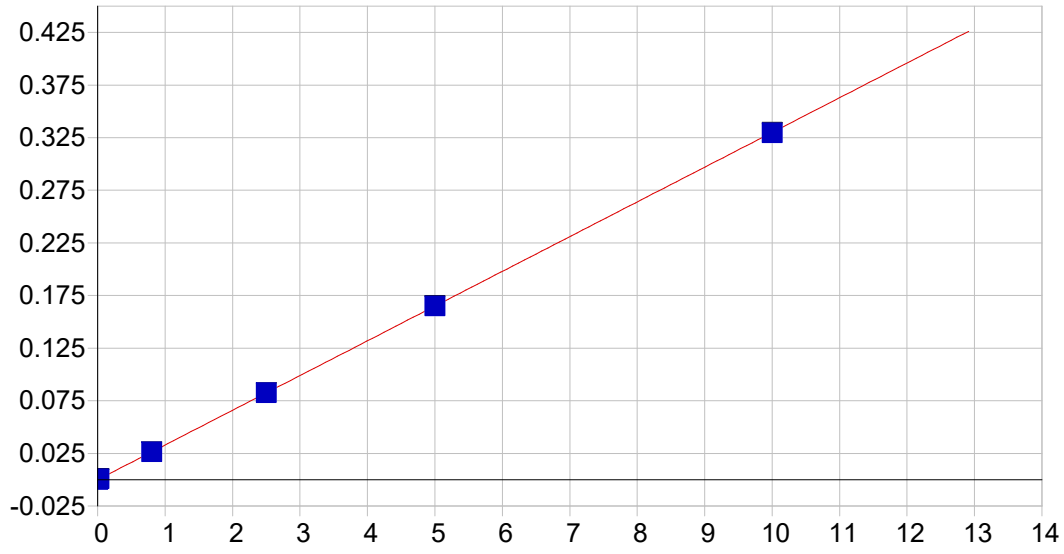
Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



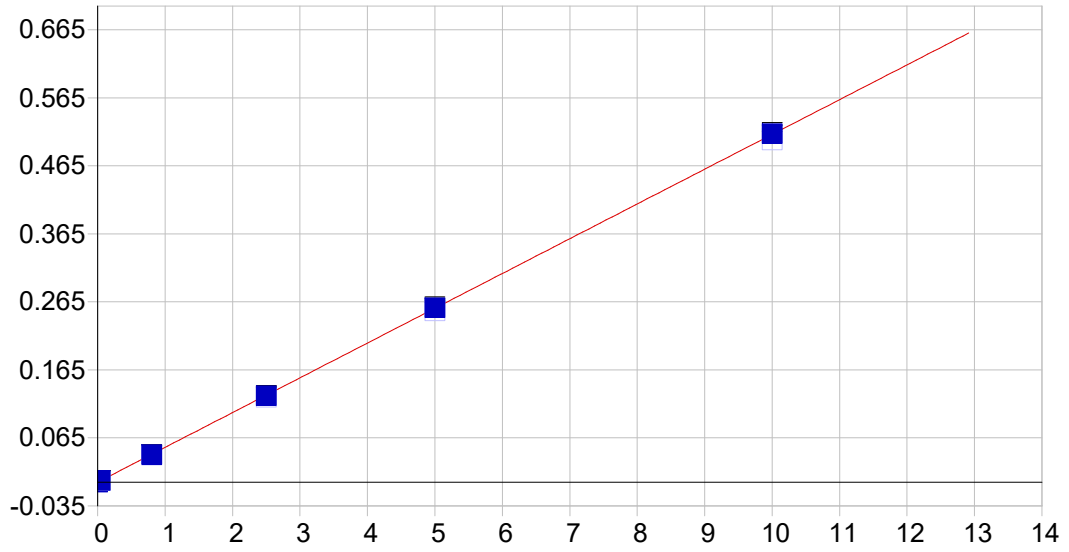

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000056 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.033002 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999989 | Status: | OK. |
| Std Error of Est: | 0.000004 | | |
| Predicted MDL: | 0.003906 | | |
| Predicted MQL: | 0.013020 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00006 | .000 | 1 |
| S1 | .02000 | .02282 | .003 | 14.1 | .00069 | .000 | 1 |
| S3 | 2.5000 | 2.5021 | .002 | .082 | .08243 | .000 | 1 |
| S4 | 5.0000 | 5.0031 | .003 | .061 | .16488 | .000 | 1 |
| S5 | 10.000 | 9.9895 | -.010 | -.105 | .32927 | .001 | 1 |
| S2 | .80000 | .80254 | .003 | .317 | .02640 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



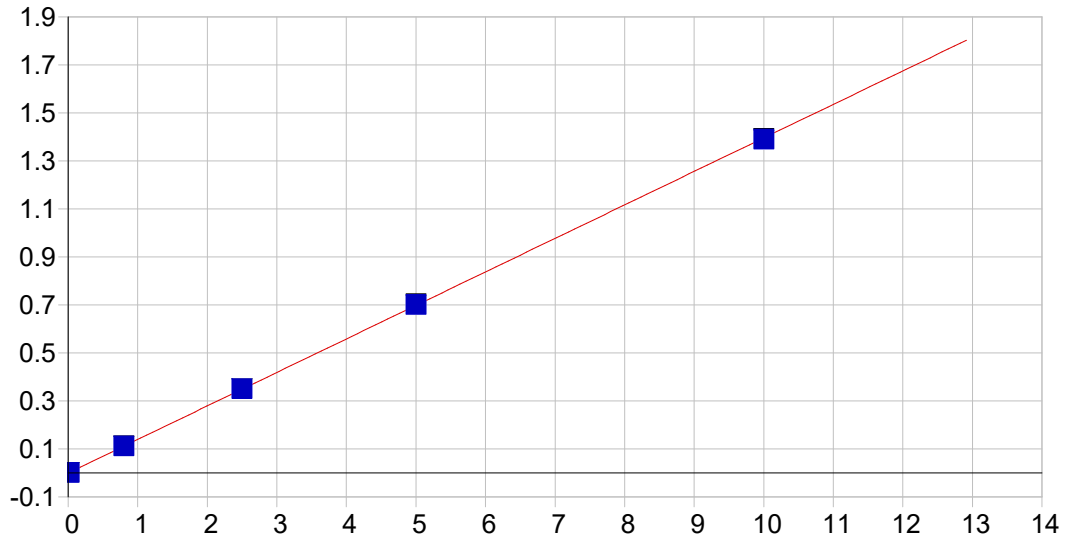

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000066 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.051134 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999986 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.002385 | | |
| Predicted MQL: | 0.007951 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00007 | .000 | 1 |
| S1 | .04000 | .04101 | .001 | 2.52 | .00190 | .000 | 1 |
| S3 | 2.5000 | 2.4821 | -.018 | -.714 | .12450 | .001 | 1 |
| S4 | 5.0000 | 5.0120 | .012 | .239 | .25150 | .001 | 1 |
| S5 | 10.000 | 10.020 | .020 | .200 | .50288 | .002 | 1 |
| S2 | .80000 | .78492 | -.015 | -1.88 | .03932 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



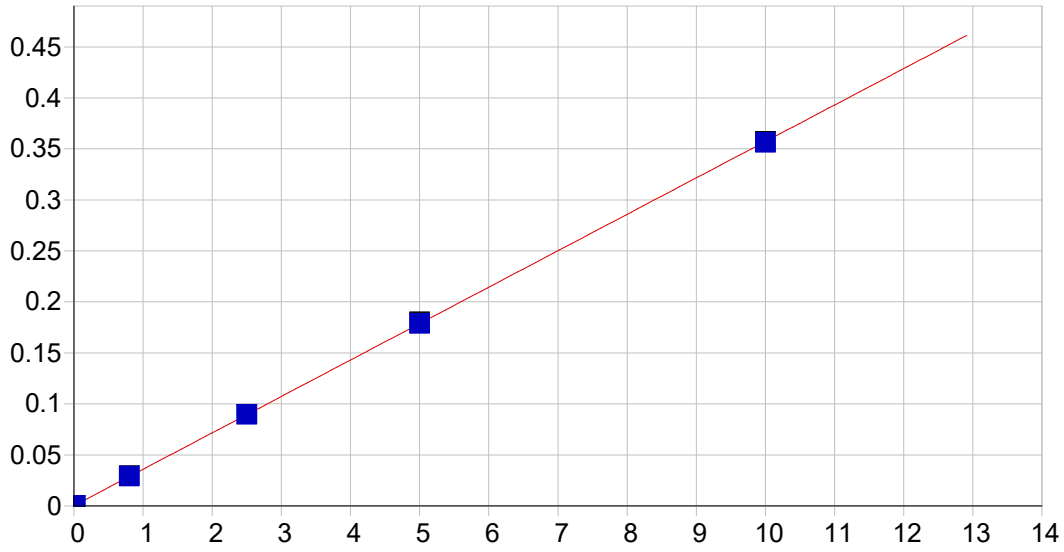

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000138 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.139598 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999985 | Status: | OK. |
| Std Error of Est: | 0.000014 | | |
| Predicted MDL: | 0.002026 | | |
| Predicted MQL: | 0.006752 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00014 | .000 | 1 |
| S1 | .01200 | .01065 | -.001 | -11.2 | .00132 | .000 | 1 |
| S3 | 2.5000 | 2.5165 | .016 | .660 | .35080 | .000 | 1 |
| S4 | 5.0000 | 5.0238 | .024 | .476 | .70045 | .003 | 1 |
| S5 | 10.000 | 9.9583 | -.042 | -.417 | 1.3886 | .003 | 1 |
| S2 | .80000 | .80278 | .003 | .348 | .11181 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



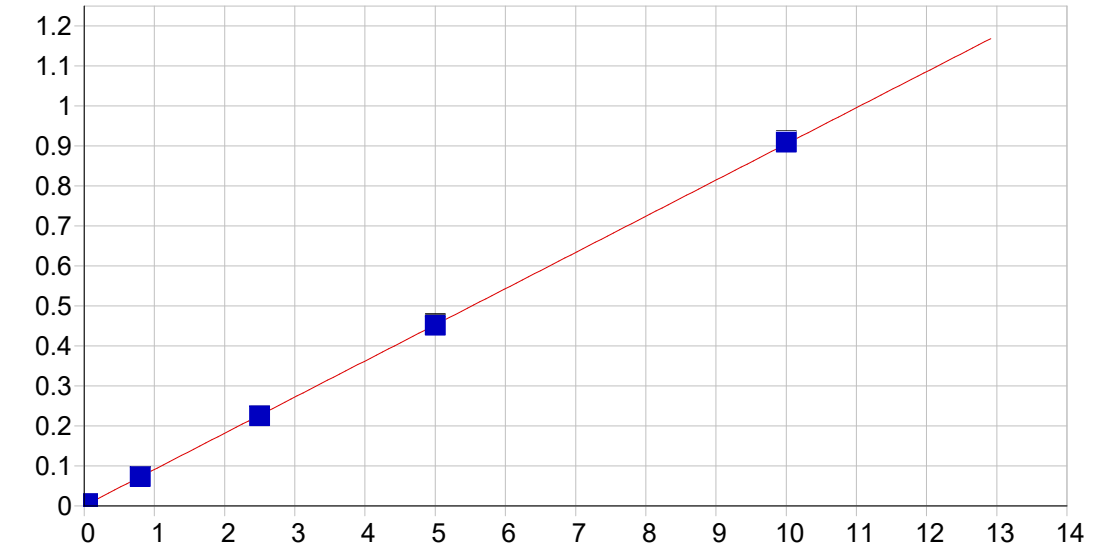

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000216 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.035704 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999979 | Status: | OK. |
| Std Error of Est: | 0.000005 | | |
| Predicted MDL: | 0.004701 | | |
| Predicted MQL: | 0.015670 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00022 | .000 | 1 |
| S1 | .02000 | .02311 | .003 | 15.6 | .00104 | .000 | 1 |
| S3 | 2.5000 | 2.5052 | .005 | .207 | .08963 | .000 | 1 |
| S4 | 5.0000 | 5.0055 | .005 | .110 | .17887 | .001 | 1 |
| S5 | 10.000 | 9.9737 | -.026 | -.263 | .35619 | .001 | 1 |
| S2 | .80000 | .81254 | .013 | 1.57 | .02922 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



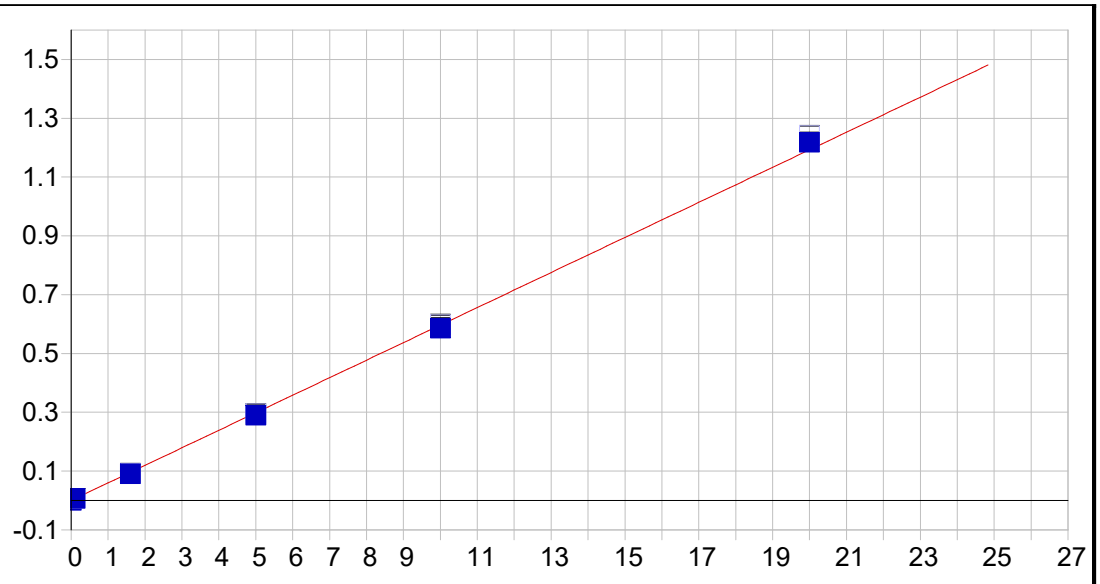

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000669 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.090445 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999985 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.002645 | | |
| Predicted MQL: | 0.008816 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00067 | .000 | 1 |
| S1 | .05000 | .05134 | .001 | 2.68 | .00532 | .000 | 1 |
| S3 | 2.5000 | 2.4775 | -.022 | -.899 | .22536 | .000 | 1 |
| S4 | 5.0000 | 4.9789 | -.021 | -.422 | .45221 | .003 | 1 |
| S5 | 10.000 | 10.046 | .046 | .460 | .91173 | .001 | 1 |
| S2 | .80000 | .79625 | -.004 | -.469 | .07288 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



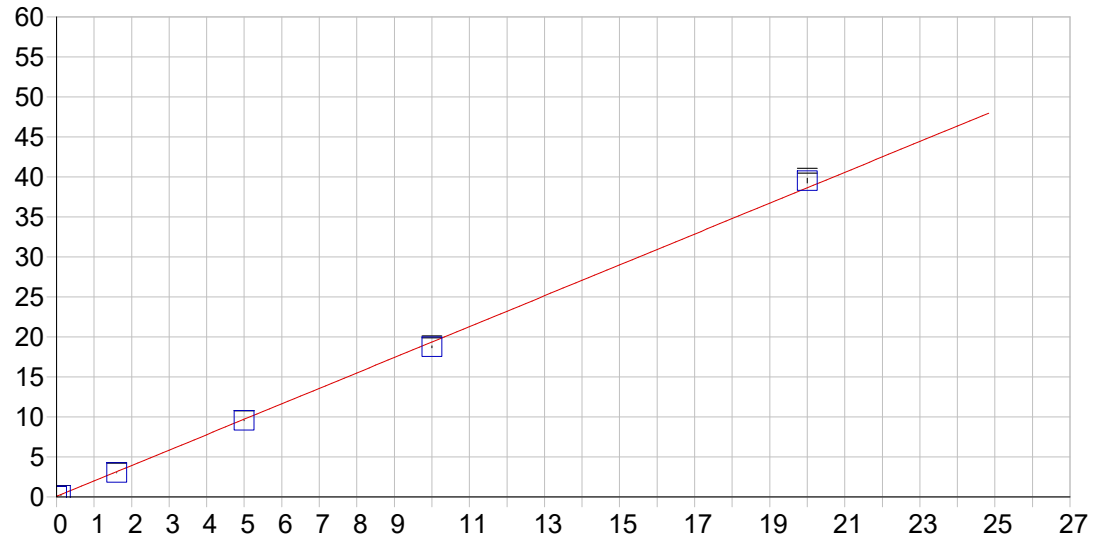

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000350 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.059624 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999718 | Status: | OK. |
| Std Error of Est: | 0.000107 | | |
| Predicted MDL: | 0.010038 | | |
| Predicted MQL: | 0.033461 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00035 | .001 | 1 |
| S1 | .10000 | .09927 | -.001 | -.727 | .00673 | .000 | 1 |
| S3 | 5.0000 | 4.8531 | -.147 | -2.94 | .29549 | .001 | 1 |
| S4 | 10.000 | 9.8214 | -.179 | -1.79 | .59751 | .002 | 1 |
| S5 | 20.000 | 20.418 | .418 | 2.09 | 1.2409 | .001 | 1 |
| S2 | 1.6000 | 1.5082 | -.092 | -5.74 | .09212 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



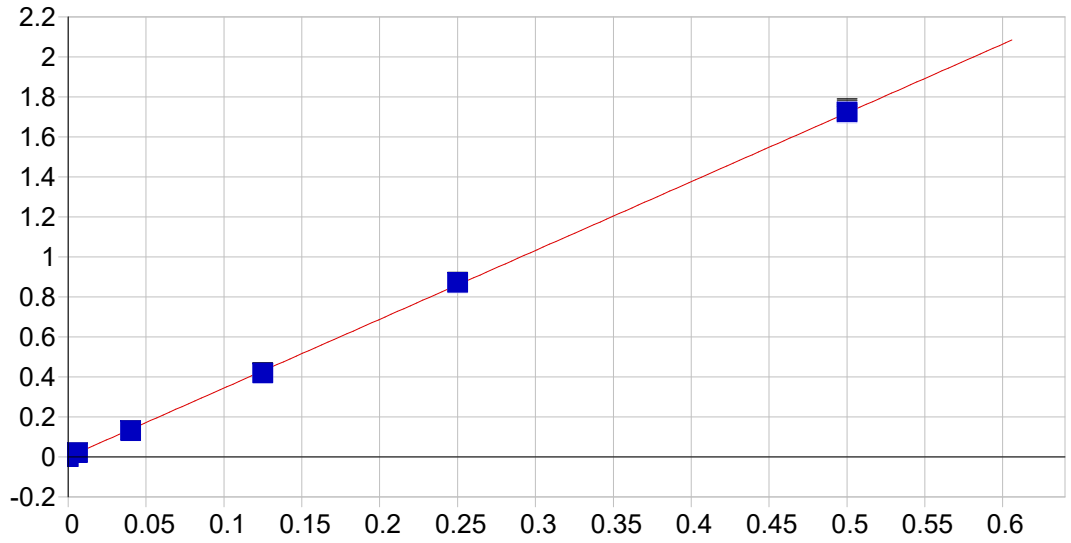

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.063024 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.929082 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999671 | Status: | OK. |
| Std Error of Est: | 0.003672 | | |
| Predicted MDL: | 0.001260 | | |
| Predicted MQL: | 0.004199 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .06304 | .001 | 1 |
| S1 | .10000 | .09593 | -.004 | -4.07 | .24807 | .001 | 1 |
| S3 | 5.0000 | 4.9158 | -.084 | -1.68 | 9.5460 | .017 | 1 |
| S4 | 10.000 | 9.6907 | -.309 | -3.09 | 18.757 | .130 | 1 |
| S5 | 20.000 | 20.460 | .460 | 2.30 | 39.532 | .296 | 1 |
| S2 | 1.6000 | 1.5375 | -.063 | -3.91 | 3.0289 | .010 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



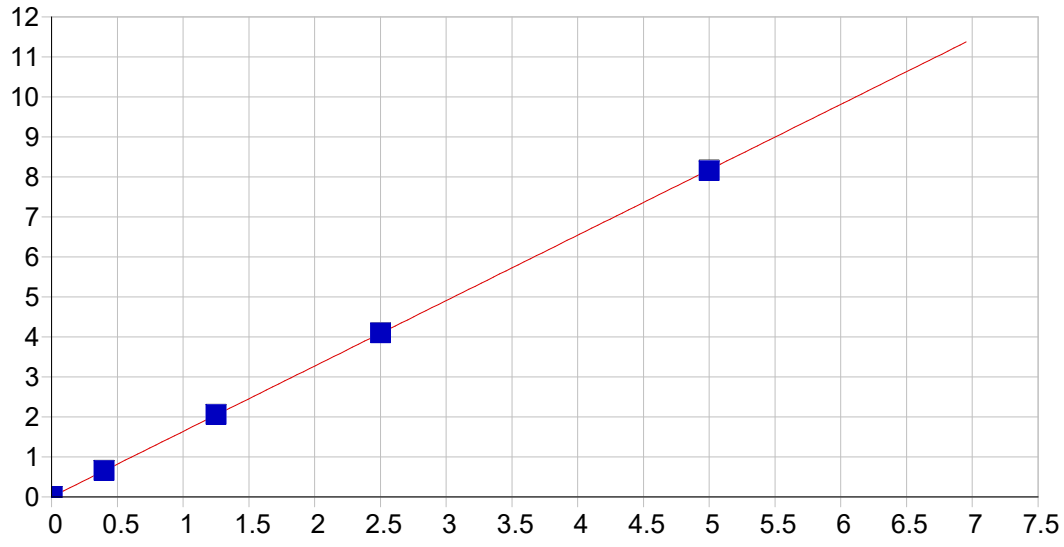

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000109 | Re-Slope: | 1.000000 |
| A1 (Gain): | 3.439797 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999862 | Status: | OK. |
| Std Error of Est: | 0.000164 | | |
| Predicted MDL: | 0.000070 | | |
| Predicted MQL: | 0.000233 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00011 | .000 | 1 |
| S1 | .00600 | .00619 | .000 | 3.11 | .02123 | .000 | 1 |
| S3 | .12500 | .12172 | -.003 | -2.62 | .41689 | .003 | 1 |
| S4 | .25000 | .25353 | .004 | 1.41 | .86835 | .002 | 1 |
| S5 | .50000 | .50161 | .002 | .323 | 1.7179 | .016 | 1 |
| S2 | .04000 | .03795 | -.002 | -5.13 | .13002 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



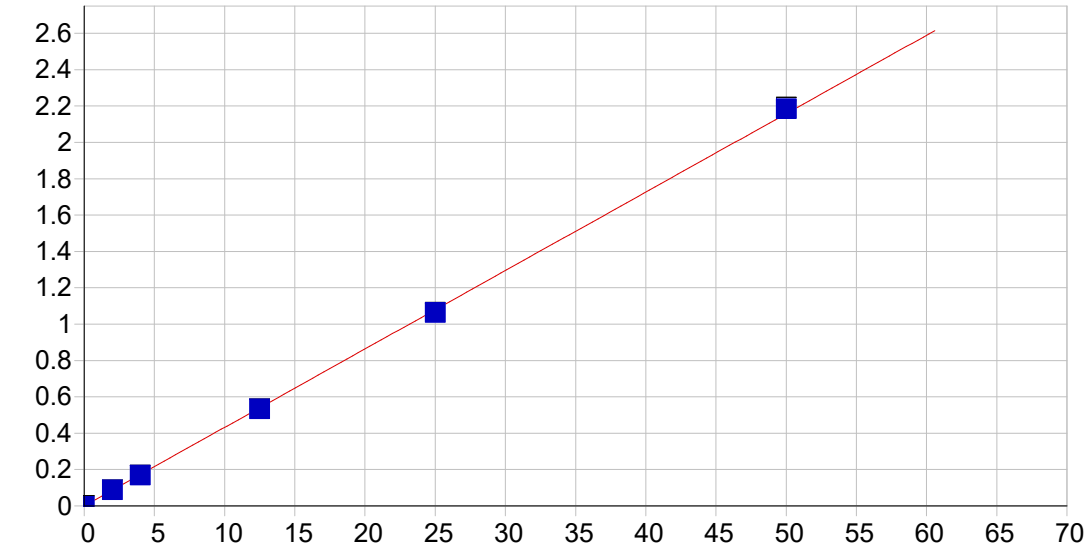

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000558 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.635578 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000062 | | |
| Predicted MDL: | 0.000118 | | |
| Predicted MQL: | 0.000394 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00056 | .000 | 1 |
| S1 | .00600 | .00620 | .000 | 3.34 | .01075 | .000 | 1 |
| S3 | 1.2500 | 1.2588 | .009 | .704 | 2.0612 | .002 | 1 |
| S4 | 2.5000 | 2.5058 | .006 | .234 | 4.1027 | .011 | 1 |
| S5 | 5.0000 | 4.9825 | -.018 | -.351 | 8.1570 | .015 | 1 |
| S2 | .40000 | .40269 | .003 | .673 | .65977 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



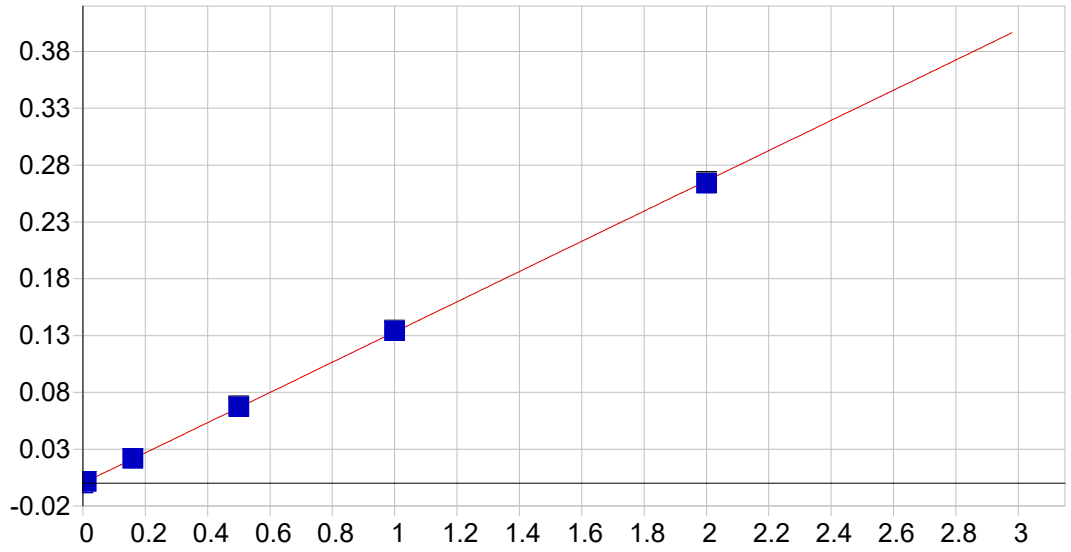

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000538 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.043149 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999904 | Status: | OK. |
| Std Error of Est: | 0.000316 | | |
| Predicted MDL: | 0.012960 | | |
| Predicted MQL: | 0.043201 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00006 | .000 | .000 | .00054 | .000 | 1 |
| S2 | 4.0000 | 3.8944 | -.106 | -2.64 | .16858 | .001 | 1 |
| S3 | 12.500 | 12.357 | -.143 | -1.14 | .53374 | .001 | 1 |
| S4 | 25.000 | 24.619 | -.381 | -1.53 | 1.0628 | .003 | 1 |
| S5 | 50.000 | 50.611 | .611 | 1.22 | 2.1843 | .010 | 1 |
| S1 | 2.0000 | 2.0191 | .019 | .954 | .08766 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



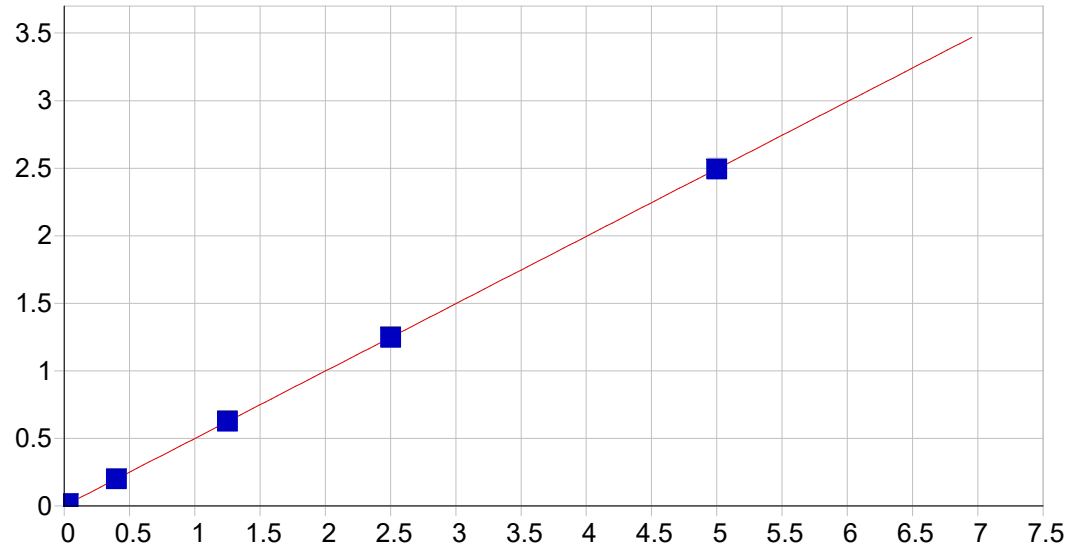

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000053 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.133040 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999958 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.000506 | | |
| Predicted MQL: | 0.001686 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00005 | .000 | 1 |
| S1 | .01000 | .00999 | -.000 | -.055 | .00138 | .000 | 1 |
| S3 | .50000 | .50611 | .006 | 1.22 | .06741 | .000 | 1 |
| S4 | 1.0000 | 1.0073 | .007 | .729 | .13410 | .001 | 1 |
| S5 | 2.0000 | 1.9839 | -.016 | -.807 | .26406 | .001 | 1 |
| S2 | .16000 | .16274 | .003 | 1.71 | .02171 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



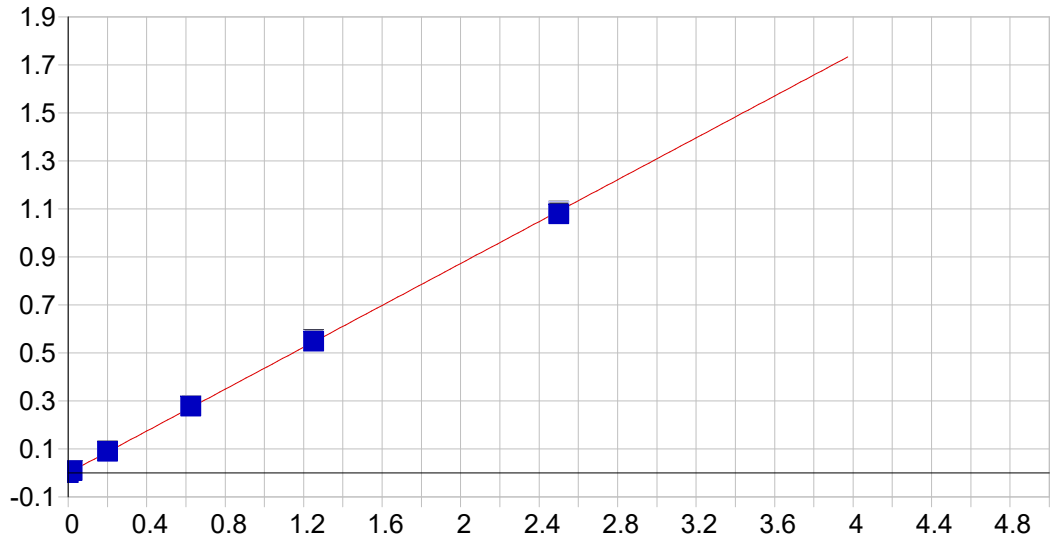

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000310 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.498739 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999998 | Status: | OK. |
| Std Error of Est: | 0.000021 | | |
| Predicted MDL: | 0.000386 | | |
| Predicted MQL: | 0.001286 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00031 | .000 | 1 |
| S1 | .03000 | .03053 | .001 | 1.76 | .01547 | .000 | 1 |
| S3 | 1.2500 | 1.2553 | .005 | .420 | .62741 | .001 | 1 |
| S4 | 2.5000 | 2.4969 | -.003 | -.123 | 1.2477 | .004 | 1 |
| S5 | 5.0000 | 4.9966 | -.003 | -.068 | 2.4965 | .003 | 1 |
| S2 | .40000 | .40071 | .001 | .177 | .20050 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



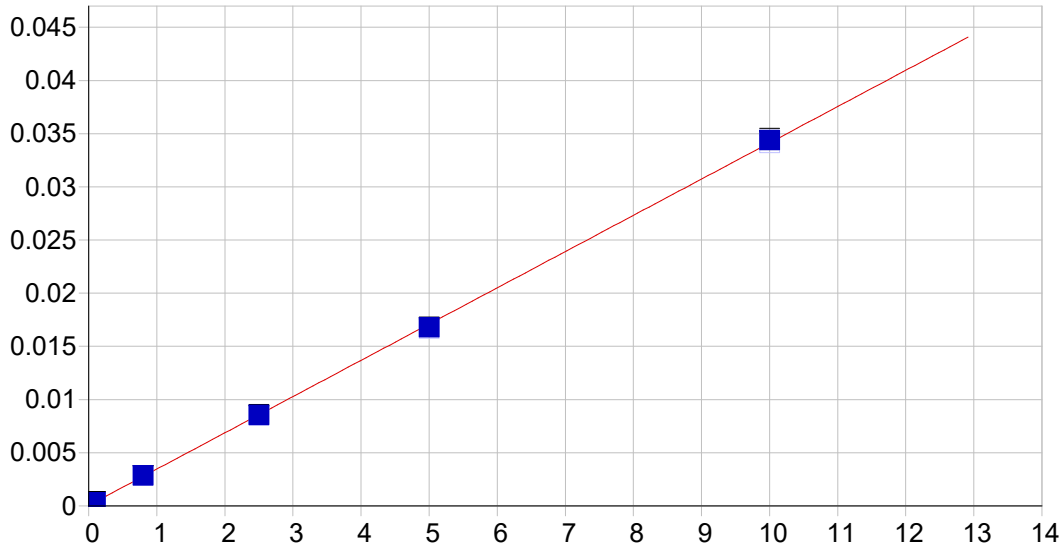

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000184 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.436322 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999889 | Status: | OK. |
| Std Error of Est: | 0.000077 | | |
| Predicted MDL: | 0.000601 | | |
| Predicted MQL: | 0.002004 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00019 | .000 | 1 |
| S1 | .02000 | .02235 | .002 | 11.7 | .00968 | .000 | 1 |
| S3 | .62500 | .63721 | .012 | 1.95 | .28057 | .000 | 1 |
| S4 | 1.2500 | 1.2565 | .006 | .520 | .55349 | .002 | 1 |
| S5 | 2.5000 | 2.4727 | -.027 | -1.09 | 1.0896 | .001 | 1 |
| S2 | .20000 | .20621 | .006 | 3.11 | .09066 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



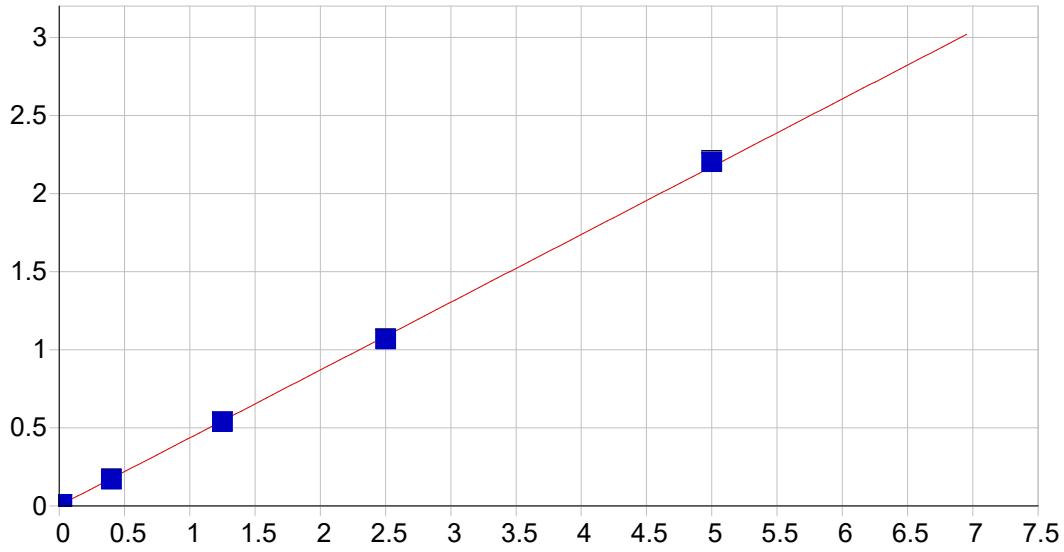

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000051 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003409 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999924 | Status: | OK. |
| Std Error of Est: | 0.000002 | | |
| Predicted MDL: | 0.006559 | | |
| Predicted MQL: | 0.021863 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00005 | .000 | 1 |
| S1 | .10000 | .09531 | -.005 | -4.69 | .00037 | .000 | 1 |
| S3 | 2.5000 | 2.4958 | -.004 | -.169 | .00849 | .000 | 1 |
| S4 | 5.0000 | 4.9140 | -.086 | -1.72 | .01666 | .000 | 1 |
| S5 | 10.000 | 10.076 | .076 | .756 | .03411 | .000 | 1 |
| S2 | .80000 | .81927 | .019 | 2.41 | .00282 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



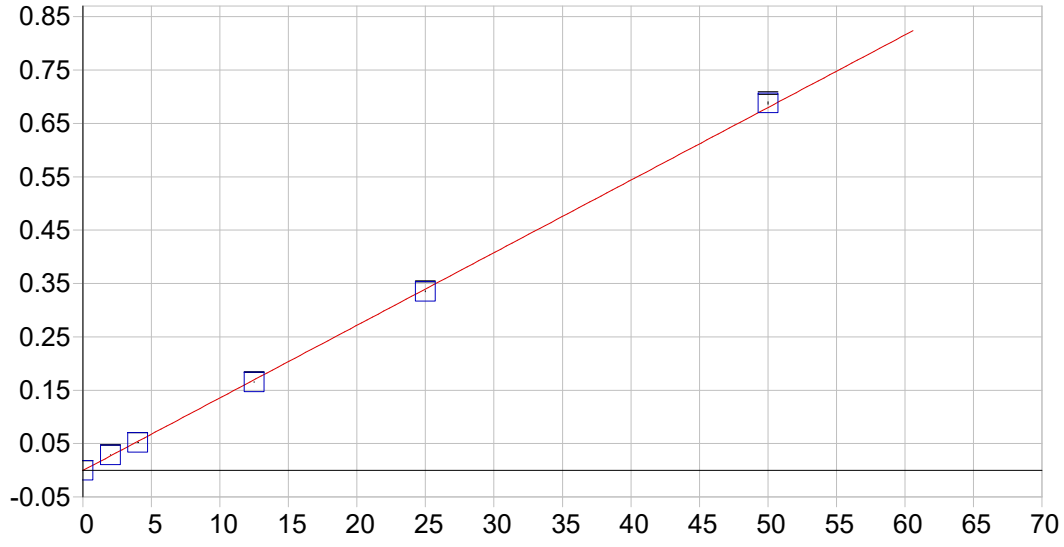

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001969 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.433916 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999876 | Status: | OK. |
| Std Error of Est: | 0.000113 | | |
| Predicted MDL: | 0.000481 | | |
| Predicted MQL: | 0.001603 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00197 | .000 | 1 |
| S1 | .02000 | .02036 | .000 | 1.79 | .01081 | .000 | 1 |
| S3 | 1.2500 | 1.2350 | -.015 | -1.20 | .53797 | .002 | 1 |
| S4 | 2.5000 | 2.4555 | -.044 | -1.78 | 1.0677 | .001 | 1 |
| S5 | 5.0000 | 5.0703 | .070 | 1.41 | 2.2025 | .007 | 1 |
| S2 | .40000 | .38878 | -.011 | -2.80 | .17070 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



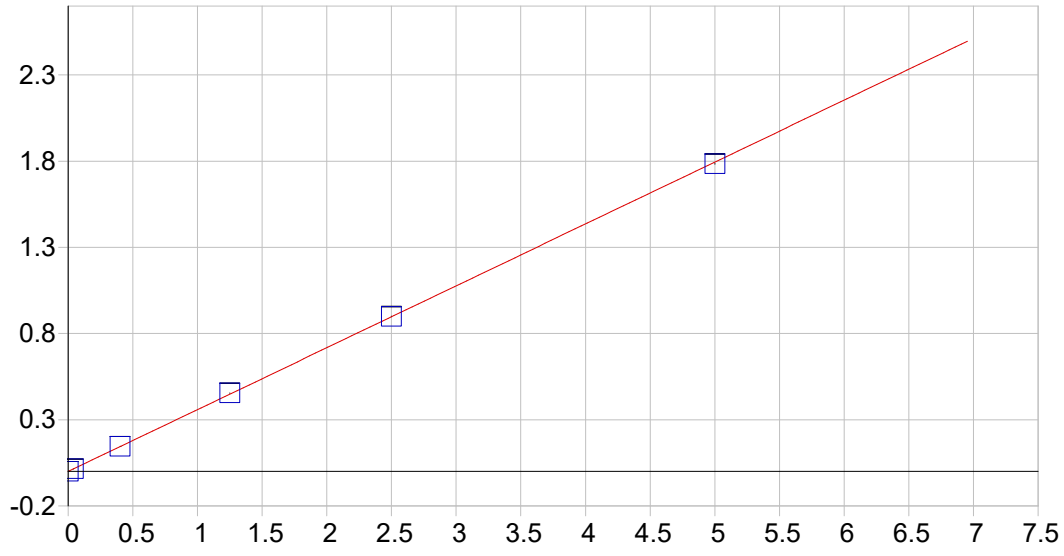

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000465 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.013604 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999804 | Status: | OK. |
| Std Error of Est: | 0.000143 | | |
| Predicted MDL: | 0.017739 | | |
| Predicted MQL: | 0.059131 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00003 | -.000 | .000 | -.00046 | .000 | 1 |
| S2 | 4.0000 | 3.8631 | -.137 | -3.42 | .05209 | .000 | 1 |
| S3 | 12.500 | 12.177 | -.323 | -2.59 | .16518 | .000 | 1 |
| S4 | 25.000 | 24.671 | -.329 | -1.31 | .33515 | .001 | 1 |
| S5 | 50.000 | 50.640 | .640 | 1.28 | .68841 | .002 | 1 |
| S1 | 2.0000 | 2.1491 | .149 | 7.45 | .02877 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



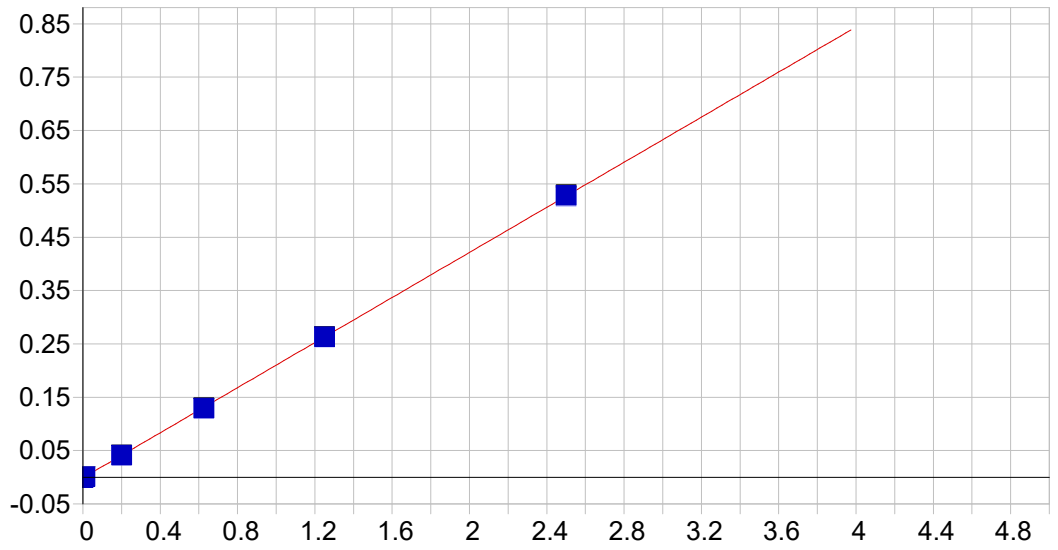

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000284 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.359030 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999972 | Status: | OK. |
| Std Error of Est: | 0.000063 | | |
| Predicted MDL: | 0.000488 | | |
| Predicted MQL: | 0.001626 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00029 | .000 | 1 |
| S1 | .04000 | .04137 | .001 | 3.44 | .01457 | .000 | 1 |
| S3 | 1.2500 | 1.2673 | .017 | 1.38 | .45470 | .001 | 1 |
| S4 | 2.5000 | 2.5048 | .005 | .191 | .89900 | .002 | 1 |
| S5 | 5.0000 | 4.9717 | -.028 | -.566 | 1.7847 | .002 | 1 |
| S2 | .40000 | .40489 | .005 | 1.22 | .14508 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



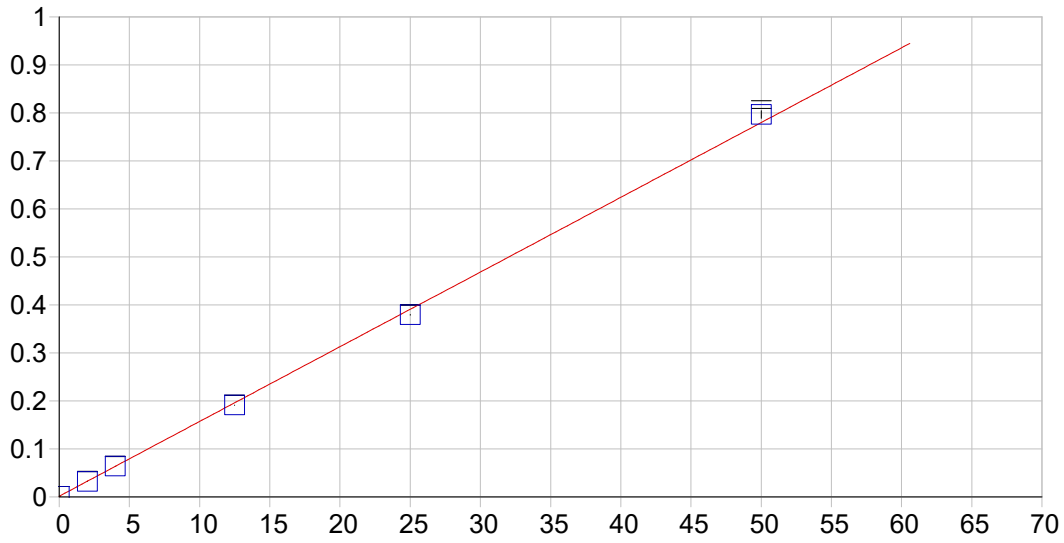

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001189 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.211315 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999989 | Status: | OK. |
| Std Error of Est: | 0.000008 | | |
| Predicted MDL: | 0.000453 | | |
| Predicted MQL: | 0.001510 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00119 | .000 | 1 |
| S1 | .01000 | .01038 | .000 | 3.76 | .00099 | .000 | 1 |
| S3 | .62500 | .61822 | -.007 | -1.09 | .12893 | .000 | 1 |
| S4 | 1.2500 | 1.2507 | .001 | .059 | .26206 | .000 | 1 |
| S5 | 2.5000 | 2.5046 | .005 | .182 | .52597 | .001 | 1 |
| S2 | .20000 | .20112 | .001 | .558 | .04114 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



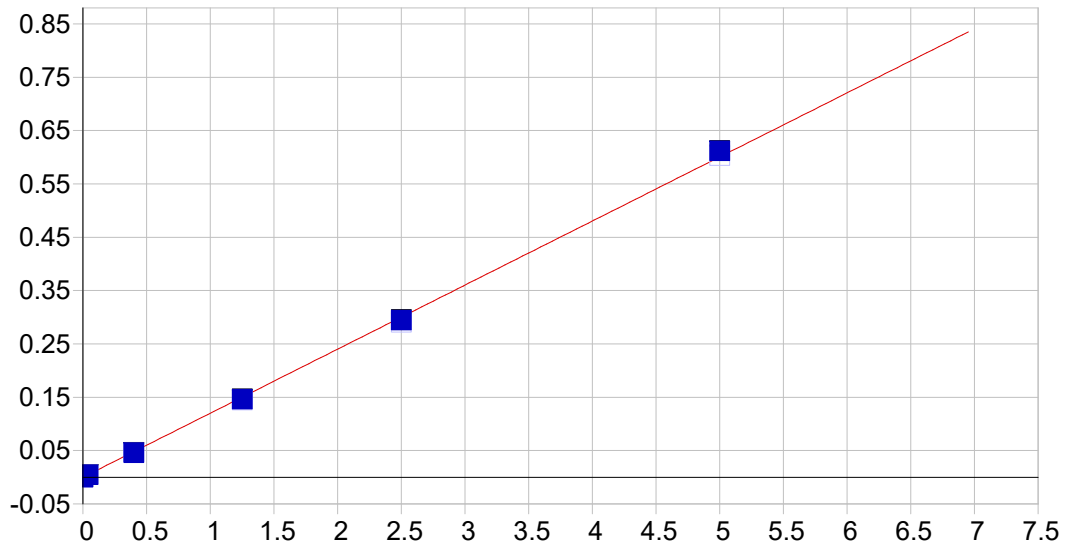

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001458 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.015569 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999717 | Status: | OK. |
| Std Error of Est: | 0.000196 | | |
| Predicted MDL: | 0.012982 | | |
| Predicted MQL: | 0.043274 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00009 | .000 | .000 | .00146 | .000 | 1 |
| S2 | 4.0000 | 4.0062 | .006 | .156 | .06383 | .000 | 1 |
| S3 | 12.500 | 12.191 | -.309 | -2.48 | .19125 | .000 | 1 |
| S4 | 25.000 | 24.263 | -.737 | -2.95 | .37921 | .000 | 1 |
| S5 | 50.000 | 51.072 | 1.07 | 2.14 | .79660 | .008 | 1 |
| S1 | 2.0000 | 1.9686 | -.031 | -1.57 | .03211 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



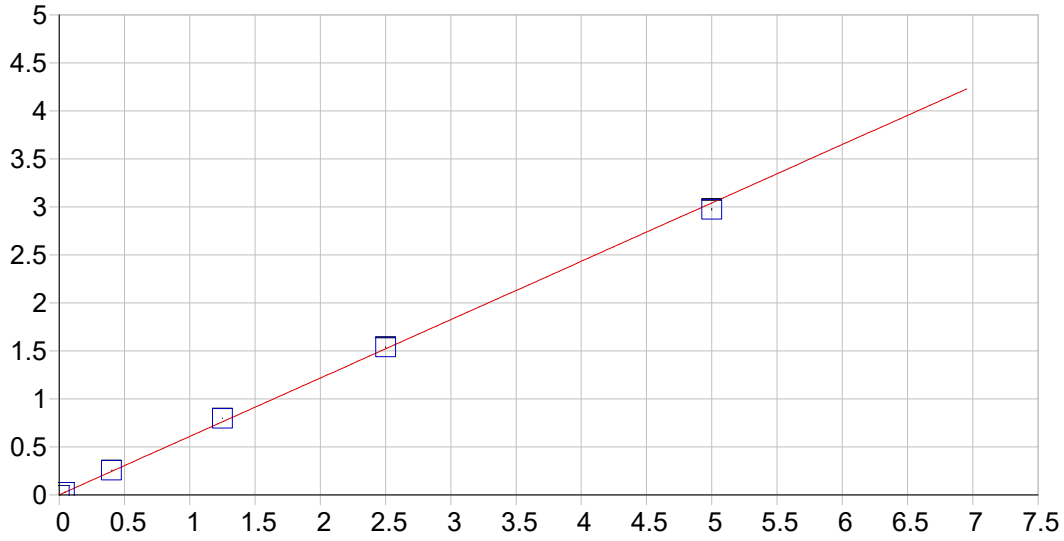

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000090 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.120132 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999776 | Status: | OK. |
| Std Error of Est: | 0.000059 | | |
| Predicted MDL: | 0.002113 | | |
| Predicted MQL: | 0.007043 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00009 | .000 | 1 |
| S1 | .04000 | .04064 | .001 | 1.61 | .00461 | .000 | 1 |
| S3 | 1.2500 | 1.2186 | -.031 | -2.51 | .14412 | .000 | 1 |
| S4 | 2.5000 | 2.4515 | -.048 | -1.94 | .29004 | .001 | 1 |
| S5 | 5.0000 | 5.0935 | .093 | 1.87 | .60304 | .001 | 1 |
| S2 | .40000 | .38571 | -.014 | -3.57 | .04554 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



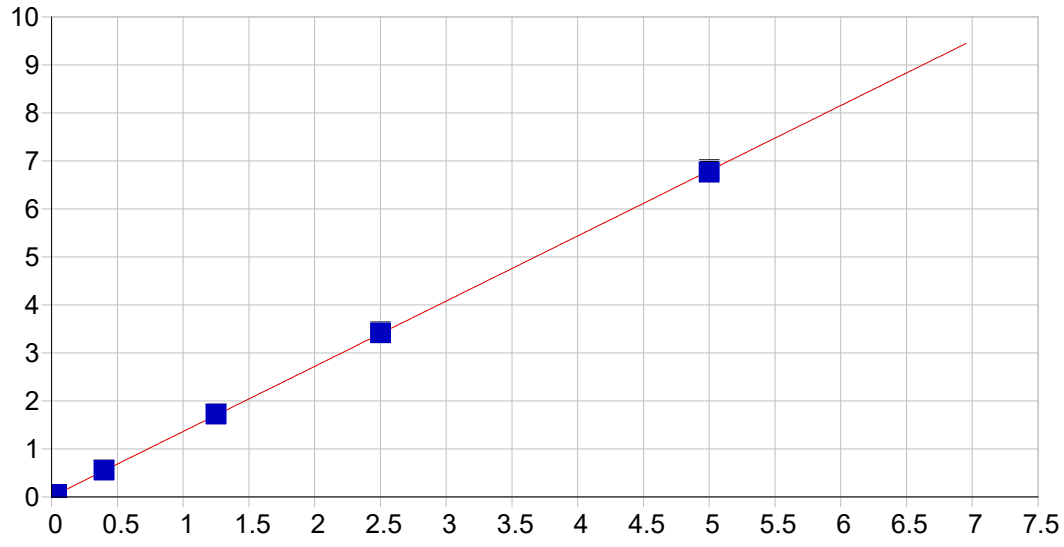

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001123 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.608113 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999630 | Status: | OK. |
| Std Error of Est: | 0.000388 | | |
| Predicted MDL: | 0.000278 | | |
| Predicted MQL: | 0.000926 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00112 | .000 | 1 |
| S1 | .04000 | .04369 | .004 | 9.23 | .02769 | .000 | 1 |
| S3 | 1.2500 | 1.3101 | .060 | 4.80 | .79778 | .003 | 1 |
| S4 | 2.5000 | 2.5280 | .028 | 1.12 | 1.5384 | .005 | 1 |
| S5 | 5.0000 | 4.8899 | -.110 | -2.20 | 2.9747 | .010 | 1 |
| S2 | .40000 | .41836 | .018 | 4.59 | .25553 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



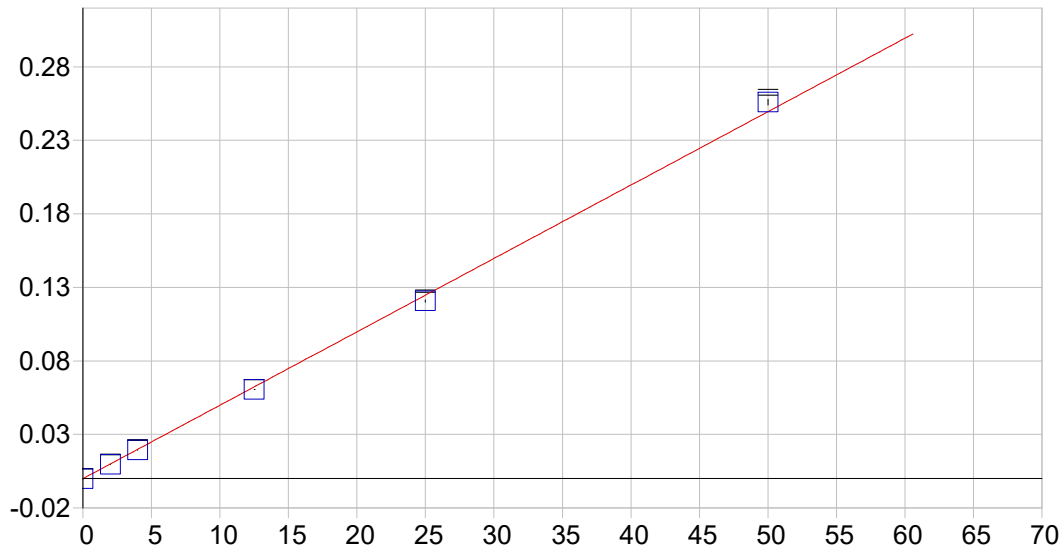

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.003373 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.358539 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999969 | Status: | OK. |
| Std Error of Est: | 0.000255 | | |
| Predicted MDL: | 0.000428 | | |
| Predicted MQL: | 0.001425 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00337 | .000 | 1 |
| S1 | .04000 | .04277 | .003 | 6.93 | .06186 | .001 | 1 |
| S3 | 1.2500 | 1.2633 | .013 | 1.06 | 1.7314 | .007 | 1 |
| S4 | 2.5000 | 2.5077 | .008 | .309 | 3.4338 | .008 | 1 |
| S5 | 5.0000 | 4.9712 | -.029 | -.576 | 6.8042 | .015 | 1 |
| S2 | .40000 | .40500 | .005 | 1.25 | .55736 | .002 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



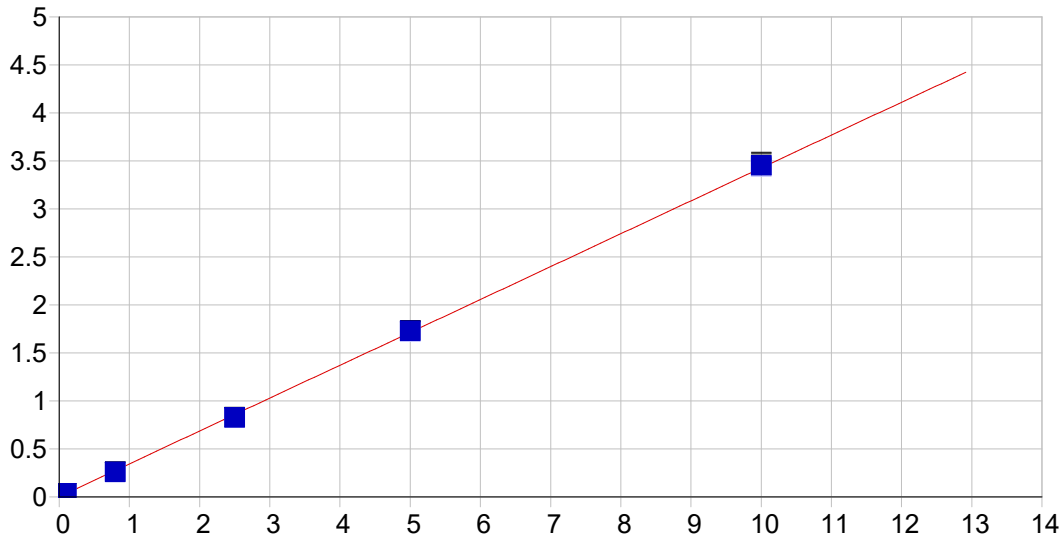

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000106 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004993 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999612 | Status: | OK. |
| Std Error of Est: | 0.000074 | | |
| Predicted MDL: | 0.042916 | | |
| Predicted MQL: | 0.143054 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00017 | .000 | .000 | -.00011 | .000 | 1 |
| S2 | 4.0000 | 3.9007 | -.099 | -2.48 | .01937 | .000 | 1 |
| S3 | 12.500 | 12.139 | -.361 | -2.89 | .06050 | .000 | 1 |
| S4 | 25.000 | 24.209 | -.791 | -3.16 | .12076 | .001 | 1 |
| S5 | 50.000 | 51.297 | 1.30 | 2.59 | .25600 | .002 | 1 |
| S1 | 2.0000 | 1.9538 | -.046 | -2.31 | .00965 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



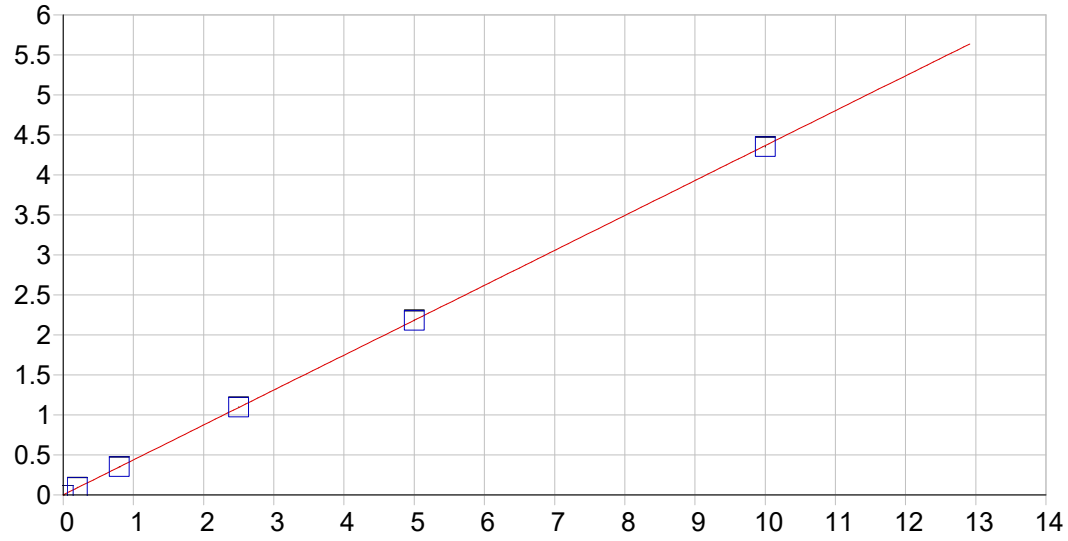

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001719 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.342428 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999787 | Status: | OK. |
| Std Error of Est: | 0.000370 | | |
| Predicted MDL: | 0.000886 | | |
| Predicted MQL: | 0.002955 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00172 | .000 | 1 |
| S1 | .10000 | .10746 | .007 | 7.46 | .03828 | .001 | 1 |
| S3 | 2.5000 | 2.4114 | -.089 | -3.54 | .82348 | .003 | 1 |
| S4 | 5.0000 | 5.0453 | .045 | .906 | 1.7214 | .003 | 1 |
| S5 | 10.000 | 10.084 | .084 | .845 | 3.4390 | .030 | 1 |
| S2 | .80000 | .75139 | -.049 | -6.08 | .25774 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



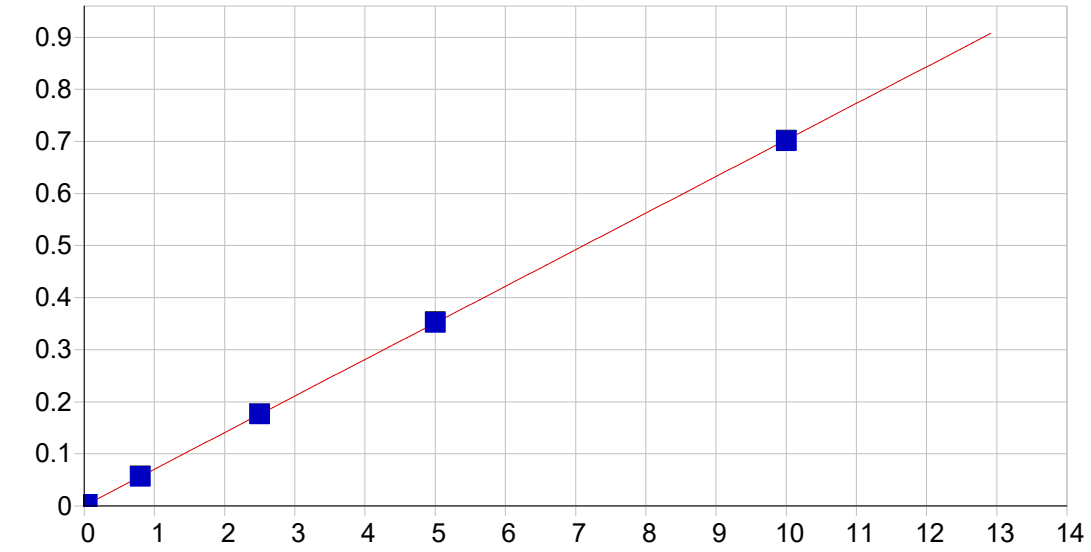

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000578 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.436523 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999966 | Status: | OK. |
| Std Error of Est: | 0.000267 | | |
| Predicted MDL: | 0.000402 | | |
| Predicted MQL: | 0.001341 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | .00057 | .000 | 1 |
| S1 | .20000 | .21446 | .014 | 7.23 | .09420 | .000 | 1 |
| S3 | 2.5000 | 2.5136 | .014 | .544 | 1.0978 | .001 | 1 |
| S4 | 5.0000 | 4.9966 | -.003 | -.069 | 2.1817 | .007 | 1 |
| S5 | 10.000 | 9.9699 | -.030 | -.301 | 4.3527 | .004 | 1 |
| S2 | .80000 | .80552 | .006 | .690 | .35221 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



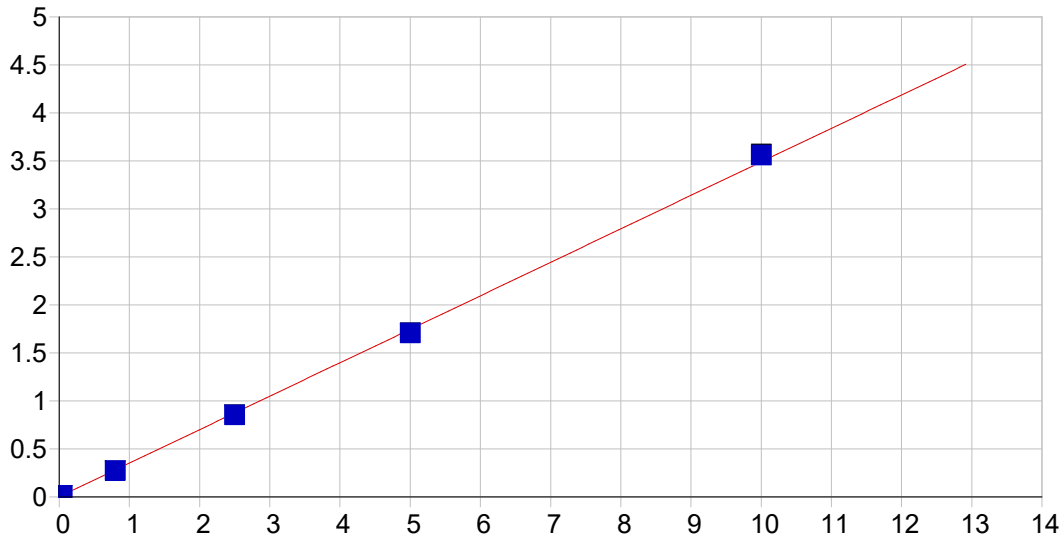

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000226 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.070255 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999996 | Status: | OK. |
| Std Error of Est: | 0.000006 | | |
| Predicted MDL: | 0.001231 | | |
| Predicted MQL: | 0.004105 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00023 | .000 | 1 |
| S1 | .04000 | .03959 | -.000 | -1.02 | .00300 | .000 | 1 |
| S3 | 2.5000 | 2.5071 | .007 | .286 | .17619 | .000 | 1 |
| S4 | 5.0000 | 5.0110 | .011 | .220 | .35192 | .001 | 1 |
| S5 | 10.000 | 9.9768 | -.023 | -.232 | .70043 | .001 | 1 |
| S2 | .80000 | .80550 | .006 | .688 | .05676 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



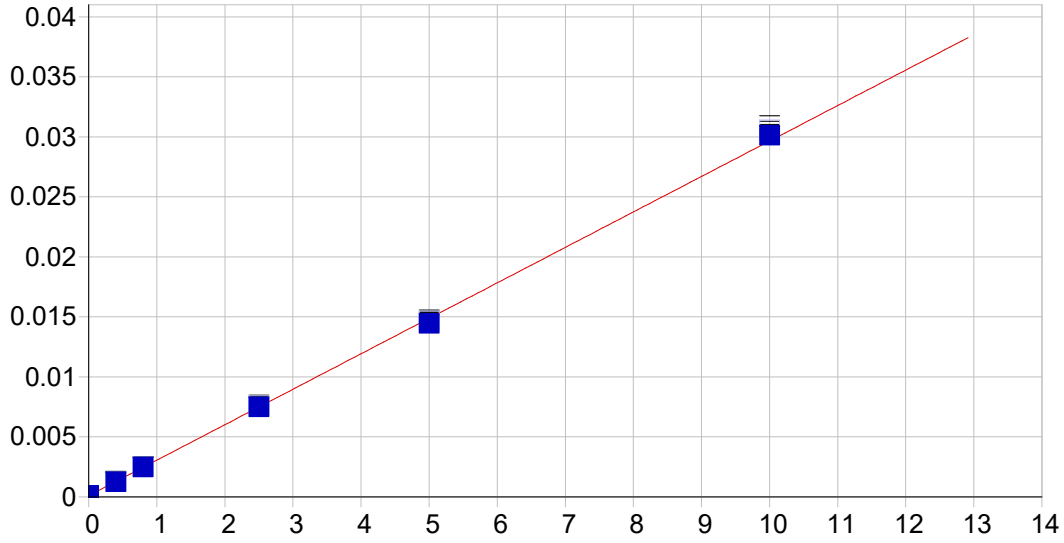

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002866 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.348670 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999756 | Status: | OK. |
| Std Error of Est: | 0.000255 | | |
| Predicted MDL: | 0.001046 | | |
| Predicted MQL: | 0.003487 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00287 | .000 | 1 |
| S1 | .04000 | .04044 | .000 | 1.09 | .01695 | .000 | 1 |
| S3 | 2.5000 | 2.4403 | -.060 | -2.39 | .85342 | .003 | 1 |
| S4 | 5.0000 | 4.8871 | -.113 | -2.26 | 1.7062 | .002 | 1 |
| S5 | 10.000 | 10.200 | .200 | 2.00 | 3.5580 | .011 | 1 |
| S2 | .80000 | .77232 | -.028 | -3.46 | .27205 | .001 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



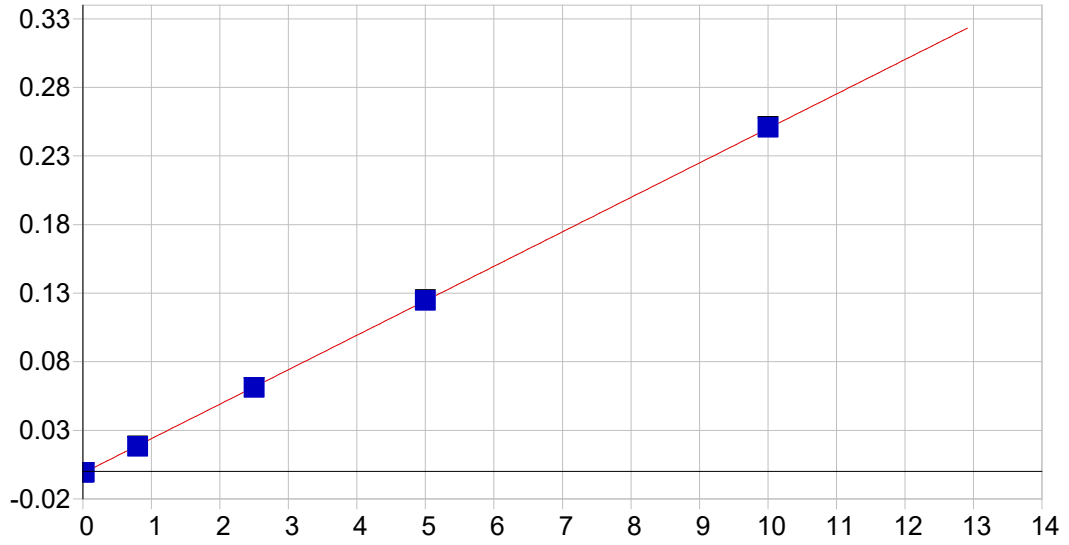

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000105 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.002954 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999811 | Status: | OK. |
| Std Error of Est: | 0.000006 | | |
| Predicted MDL: | 0.013208 | | |
| Predicted MQL: | 0.044027 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00002 | .000 | .000 | .00011 | .000 | 1 |
| S1 | .40000 | .38790 | -.012 | -3.03 | .00125 | .000 | 1 |
| S3 | 2.5000 | 2.4980 | -.002 | -.080 | .00760 | .000 | 1 |
| S4 | 5.0000 | 4.8525 | -.148 | -2.95 | .01466 | .000 | 1 |
| S5 | 10.000 | 10.160 | .160 | 1.60 | .03057 | .000 | 1 |
| S2 | .80000 | .80119 | .001 | .149 | .00251 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



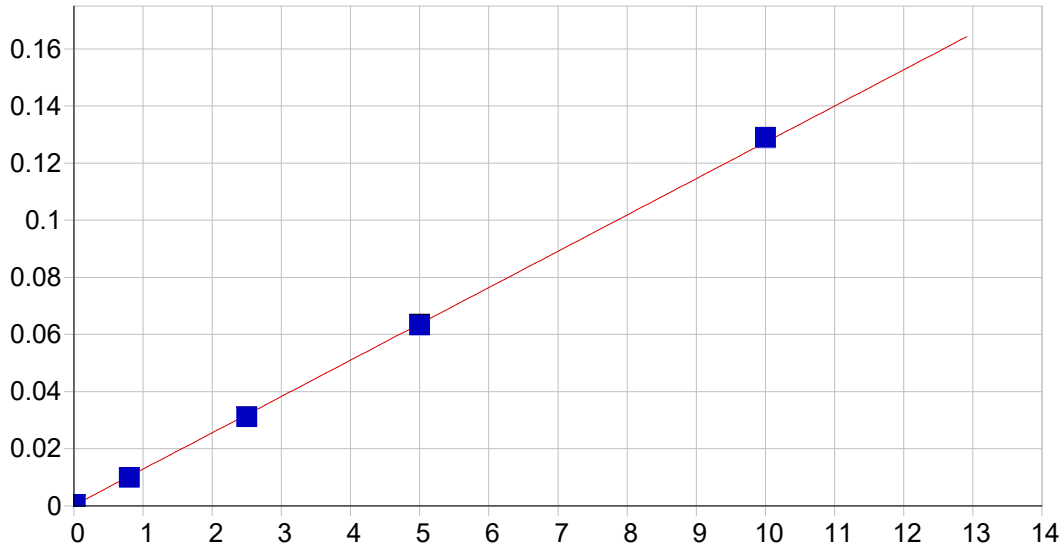

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001187 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.025125 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999938 | Status: | OK. |
| Std Error of Est: | 0.000007 | | |
| Predicted MDL: | 0.003851 | | |
| Predicted MQL: | 0.012837 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00119 | .000 | 1 |
| S1 | .02000 | .02455 | .005 | 22.8 | -.00057 | .000 | 1 |
| S3 | 2.5000 | 2.4790 | -.021 | -.840 | .06109 | .000 | 1 |
| S4 | 5.0000 | 5.0071 | .007 | .141 | .12459 | .000 | 1 |
| S5 | 10.000 | 10.036 | .036 | .363 | .25093 | .001 | 1 |
| S2 | .80000 | .77307 | -.027 | -3.37 | .01823 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



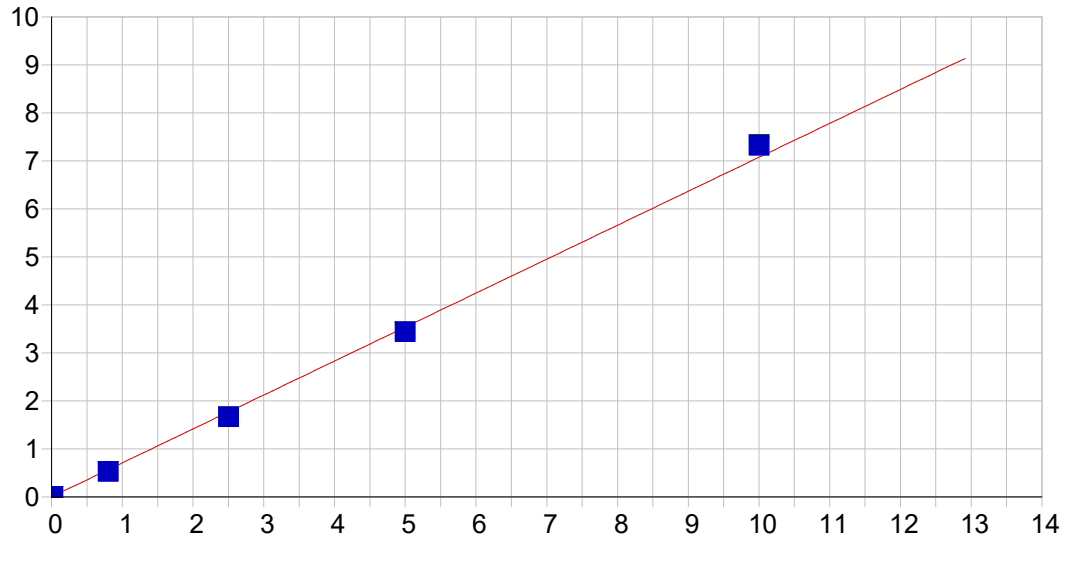

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000191 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.012708 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999849 | Status: | OK. |
| Std Error of Est: | 0.000005 | | |
| Predicted MDL: | 0.005968 | | |
| Predicted MQL: | 0.019895 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00019 | .000 | 1 |
| S1 | .02000 | .01644 | -.004 | -17.8 | .00039 | .000 | 1 |
| S3 | 2.5000 | 2.4396 | -.060 | -2.41 | .03111 | .000 | 1 |
| S4 | 5.0000 | 4.9674 | -.033 | -.652 | .06315 | .000 | 1 |
| S5 | 10.000 | 10.131 | .131 | 1.31 | .12860 | .000 | 1 |
| S2 | .80000 | .76559 | -.034 | -4.30 | .00989 | .000 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



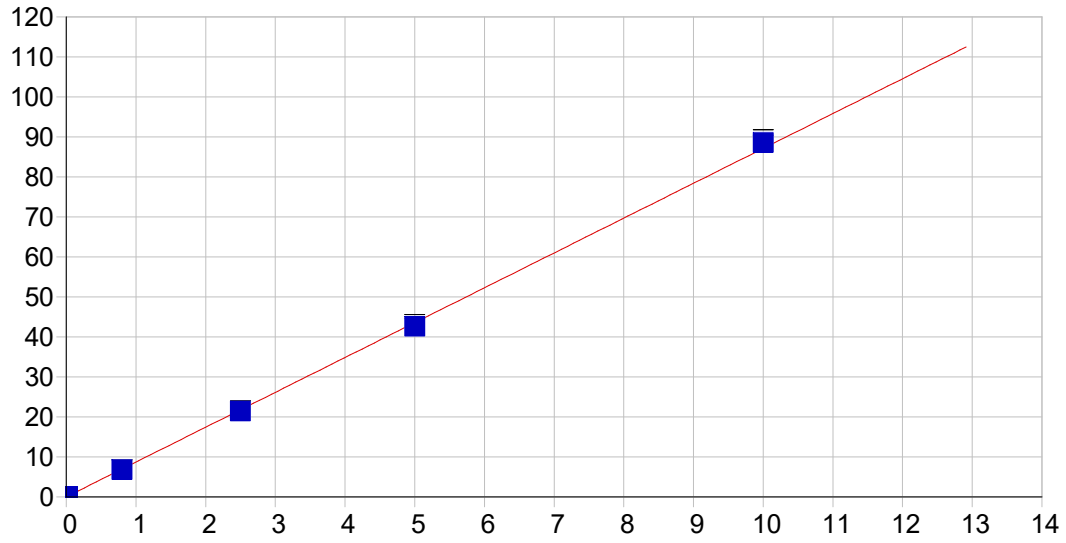

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001461 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.707361 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999215 | Status: | OK. |
| Std Error of Est: | 0.000658 | | |
| Predicted MDL: | 0.001598 | | |
| Predicted MQL: | 0.005325 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00146 | .001 | 1 |
| S5 | 10.000 | 10.347 | .347 | 3.47 | 7.3242 | .015 | 1 |
| S4 | 5.0000 | 4.8566 | -.143 | -2.87 | 3.4386 | .002 | 1 |
| S3 | 2.5000 | 2.3561 | -.144 | -5.75 | 1.6690 | .004 | 1 |
| S1 | .02000 | .01827 | -.002 | -8.66 | .01461 | .001 | 1 |
| S2 | .80000 | .74179 | -.058 | -7.28 | .52646 | .002 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636



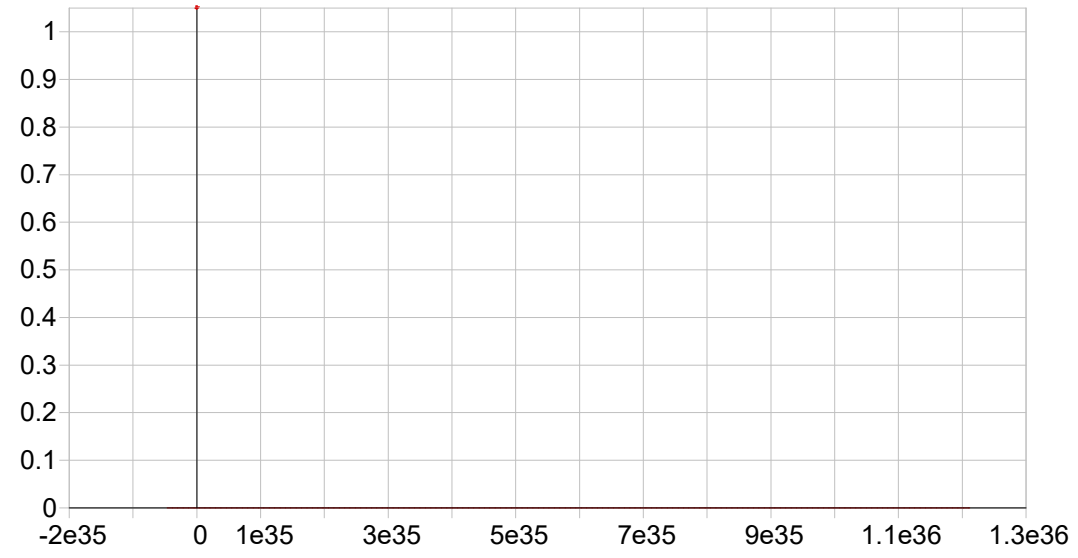

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002496 | Re-Slope: | 1.000000 |
| A1 (Gain): | 8.711785 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999826 | Status: | OK. |
| Std Error of Est: | 0.003817 | | |
| Predicted MDL: | 0.000088 | | |
| Predicted MQL: | 0.000293 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00251 | .001 | 1 |
| S1 | .02000 | .01954 | -.000 | -2.30 | .17356 | .001 | 1 |
| S3 | 2.5000 | 2.4592 | -.041 | -1.63 | 21.448 | .173 | 1 |
| S4 | 5.0000 | 4.8919 | -.108 | -2.16 | 42.661 | .473 | 1 |
| S5 | 10.000 | 10.170 | .170 | 1.70 | 88.682 | .698 | 1 |
| S2 | .80000 | .77973 | -.020 | -2.53 | 6.8020 | .024 | 1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

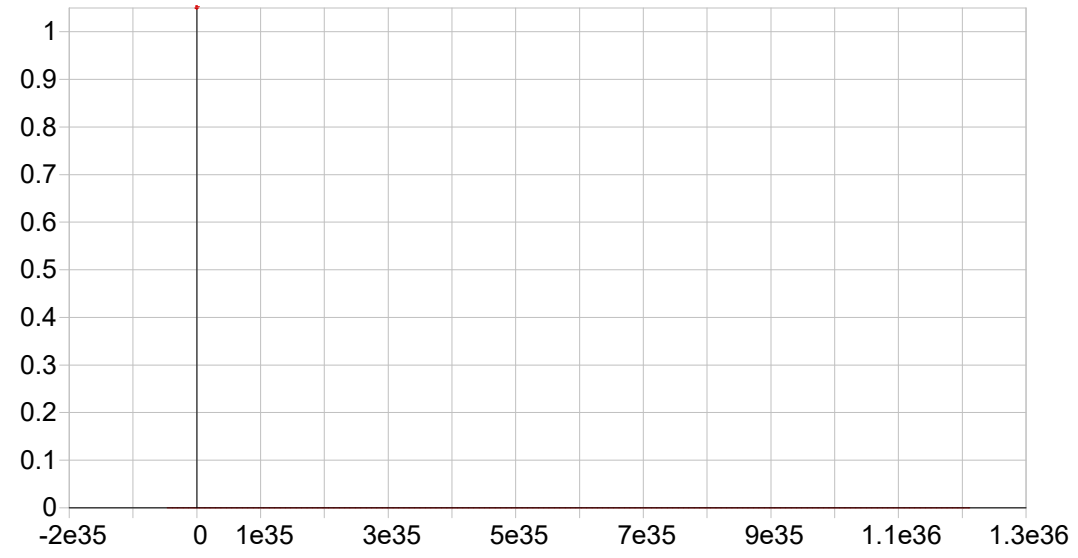



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/1/2025 13:00:19 | 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}***

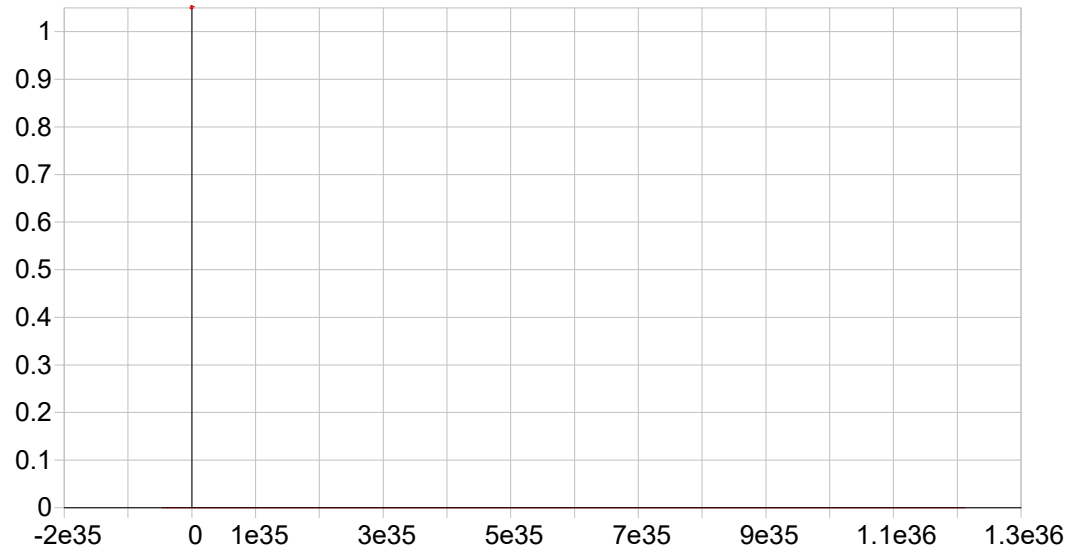
| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |

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

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

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



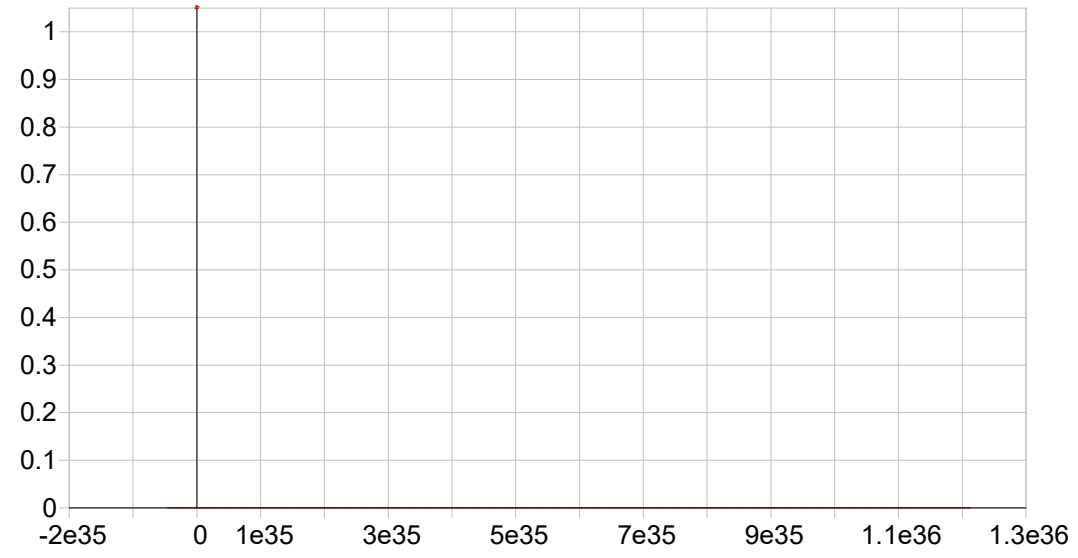

**Y 371.030 { 91}***

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

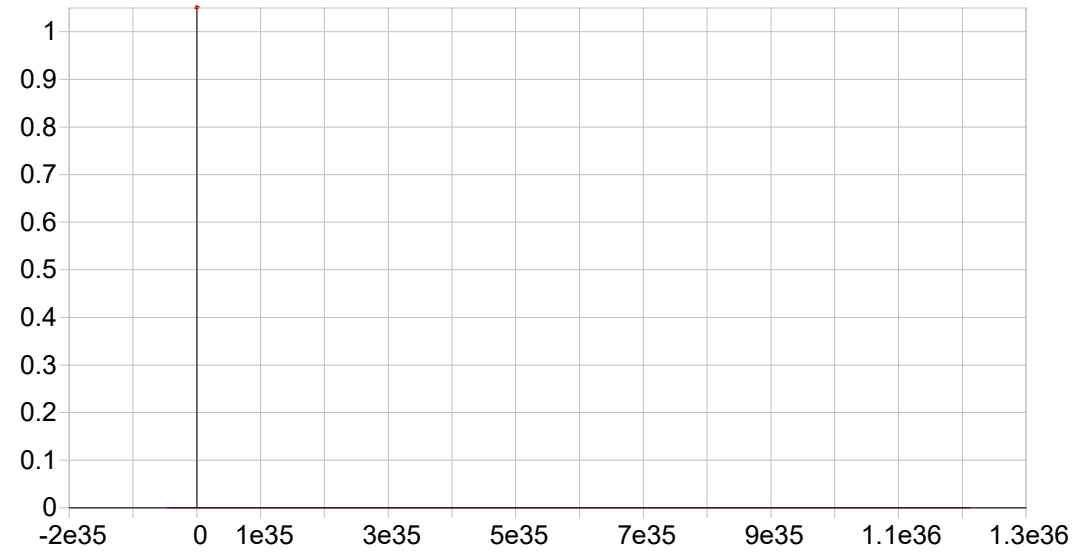
Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636




**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:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S0 Acquired: 5/1/2025 12:27:34 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.00006 | -.00007 | -.00014 | .00022 | .00067 | .00035 | .06304 | .00011 |
| Stddev | .00007 | .00007 | .00008 | .00010 | .00016 | .00051 | .00053 | .00039 |
| %RSD | 133.67 | 103.20 | 58.474 | 46.313 | 23.473 | 144.73 | .84052 | 357.86 |
| #1 | -.00012 | -.00014 | -.00015 | .00032 | .00050 | .00088 | .06330 | -.00029 |
| #2 | -.00007 | -.00006 | -.00005 | .00013 | .00069 | .00031 | .06244 | .00050 |
| #3 | .00003 | .00000 | -.00021 | .00020 | .00082 | -.00014 | .06340 | .00012 |

| 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 | .00056 | .00054 | .00005 | .00031 | -.00019 | .00005 | .00197 | -.00046 |
| Stddev | .00020 | .00041 | .00009 | .00012 | .00010 | .00002 | .00021 | .00017 |
| %RSD | 35.171 | 76.127 | 175.66 | 39.886 | 52.964 | 42.583 | 10.805 | 37.303 |
| #1 | .00078 | .00061 | .00009 | .00026 | -.00018 | .00006 | .00217 | -.00039 |
| #2 | .00042 | .00091 | .00012 | .00022 | -.00009 | .00003 | .00175 | -.00034 |
| #3 | .00047 | .00010 | -.00005 | .00045 | -.00028 | .00007 | .00199 | -.00066 |

| 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 | -.00029 | -.00119 | .00146 | -.00009 | .00337 | -.00011 | .00172 | .00057 |
| Stddev | .00003 | .00001 | .00006 | .00013 | .00035 | .00016 | .00020 | .00003 |
| %RSD | 12.066 | .73750 | 4.3104 | 141.17 | 10.475 | 153.57 | 11.793 | 4.5147 |
| #1 | -.00032 | -.00118 | .00144 | -.00021 | .00374 | -.00029 | .00150 | .00055 |
| #2 | -.00027 | -.00120 | .00141 | -.00011 | .00304 | -.00002 | .00176 | .00060 |
| #3 | -.00026 | -.00119 | .00153 | .00005 | .00333 | -.00000 | .00190 | .00056 |

| 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 | .00023 | .00287 | .00011 | -.00119 | .00019 | .00146 | .00251 |
| Stddev | .00004 | .00014 | .00003 | .00004 | .00001 | .00109 | .00113 |
| %RSD | 17.614 | 4.8373 | 27.613 | 3.4015 | 5.3308 | 74.238 | 44.995 |
| #1 | .00024 | .00272 | .00010 | -.00114 | .00019 | .00267 | .00143 |
| #2 | .00025 | .00300 | .00008 | -.00121 | .00019 | .00117 | .00241 |
| #3 | .00018 | .00288 | .00013 | -.00121 | .00020 | .00056 | .00368 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S0 Acquired: 5/1/2025 12:27:34 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3219.5 | 73115. | 10711. | 3018.6 | 4938.8 |
| Stddev | 8.6 | 82. | 16. | 15.0 | 7.9 |
| %RSD | .26635 | .11208 | .14816 | .49710 | .15934 |
| | | | | | |
| #1 | 3228.0 | 73147. | 10720. | 3006.2 | 4944.5 |
| #2 | 3219.4 | 73022. | 10719. | 3035.3 | 4942.1 |
| #3 | 3210.9 | 73176. | 10692. | 3014.3 | 4929.9 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S1 Acquired: 5/1/2025 12:31:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .00069 | .00190 | .00132 | .00104 | .00532 | .00673 | .24807 | .02123 |
| Stddev | .00007 | .00005 | .00025 | .00003 | .00012 | .00013 | .00102 | .00036 |
| %RSD | 10.100 | 2.6886 | 19.323 | 3.0417 | 2.3128 | 1.9708 | .41289 | 1.6942 |
| #1 | .00075 | .00191 | .00146 | .00107 | .00545 | .00678 | .24890 | .02140 |
| #2 | .00071 | .00184 | .00102 | .00101 | .00532 | .00658 | .24840 | .02082 |
| #3 | .00062 | .00194 | .00147 | .00105 | .00520 | .00684 | .24693 | .02149 |

| 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 | .01075 | .08766 | .00138 | .01547 | .00968 | .00037 | .01081 | .02877 |
| Stddev | .00005 | .00034 | .00007 | .00025 | .00020 | .00003 | .00007 | .00014 |
| %RSD | .46432 | .38269 | 4.8028 | 1.6198 | 2.0567 | 9.3979 | .64168 | .49669 |
| #1 | .01073 | .08755 | .00144 | .01554 | .00976 | .00041 | .01089 | .02864 |
| #2 | .01071 | .08739 | .00140 | .01568 | .00946 | .00036 | .01077 | .02892 |
| #3 | .01081 | .08804 | .00131 | .01519 | .00984 | .00035 | .01077 | .02875 |

| 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 | .01457 | .00099 | .03211 | .00461 | .06186 | .00965 | .03828 | .09420 |
| Stddev | .00015 | .00009 | .00031 | .00022 | .00089 | .00018 | .00059 | .00044 |
| %RSD | 1.0252 | 9.5799 | .97247 | 4.7686 | 1.4423 | 1.8644 | 1.5515 | .46294 |
| #1 | .01463 | .00110 | .03189 | .00465 | .06264 | .00962 | .03880 | .09375 |
| #2 | .01468 | .00093 | .03246 | .00481 | .06206 | .00984 | .03763 | .09462 |
| #3 | .01440 | .00094 | .03197 | .00438 | .06089 | .00948 | .03840 | .09421 |

| 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 | .00300 | .01695 | .00125 | -.00057 | .00039 | .01461 | .17356 |
| Stddev | .00002 | .00017 | .00004 | .00005 | .00001 | .00066 | .00074 |
| %RSD | .53769 | 1.0027 | 3.3041 | 9.3732 | 3.0084 | 4.5137 | .42584 |
| #1 | .00302 | .01686 | .00122 | -.00057 | .00039 | .01396 | .17280 |
| #2 | .00300 | .01685 | .00130 | -.00052 | .00038 | .01528 | .17428 |
| #3 | .00299 | .01715 | .00125 | -.00062 | .00040 | .01459 | .17361 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S1 Acquired: 5/1/2025 12:31:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3223.6 | 72084. | 10533. | 3005.7 | 4963.0 |
| Stddev | 3.6 | 93. | 68. | 21.2 | 8.3 |
| %RSD | .11035 | .12894 | .64689 | .70483 | .16635 |
| | | | | | |
| #1 | 3227.5 | 72192. | 10482. | 3002.5 | 4963.2 |
| #2 | 3220.5 | 72034. | 10610. | 2986.3 | 4954.6 |
| #3 | 3222.7 | 72028. | 10507. | 3028.3 | 4971.1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S2 Acquired: 5/1/2025 12:36:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .02640 | .03932 | .11181 | .02922 | .07288 | .09212 | 3.0289 | .13002 |
| Stddev | .00017 | .00022 | .00010 | .00029 | .00039 | .00067 | .0099 | .00050 |
| %RSD | .63617 | .55799 | .08636 | .97959 | .53887 | .72890 | .32551 | .38684 |
| #1 | .02645 | .03954 | .11170 | .02949 | .07327 | .09280 | 3.0394 | .13000 |
| #2 | .02621 | .03910 | .11187 | .02892 | .07289 | .09212 | 3.0276 | .12953 |
| #3 | .02654 | .03931 | .11187 | .02924 | .07248 | .09146 | 3.0198 | .13053 |

| 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 | .65977 | .16858 | .02171 | .20050 | .09066 | .00282 | .17070 | .05209 |
| Stddev | .00099 | .00051 | .00005 | .00046 | .00019 | .00000 | .00092 | .00004 |
| %RSD | .14937 | .30408 | .25263 | .23184 | .21337 | .13772 | .53936 | .08329 |
| #1 | .66089 | .16906 | .02167 | .20102 | .09088 | .00282 | .17177 | .05209 |
| #2 | .65904 | .16804 | .02168 | .20035 | .09056 | .00282 | .17017 | .05204 |
| #3 | .65936 | .16864 | .02177 | .20013 | .09054 | .00282 | .17017 | .05213 |

| 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 | .14508 | .04114 | .06383 | .04554 | .55736 | .01937 | .25774 | .35221 |
| Stddev | .00056 | .00010 | .00035 | .00040 | .00219 | .00014 | .00044 | .00108 |
| %RSD | .38375 | .25141 | .54565 | .87610 | .39272 | .73280 | .17014 | .30739 |
| #1 | .14520 | .04121 | .06344 | .04599 | .55911 | .01952 | .25820 | .35343 |
| #2 | .14448 | .04119 | .06397 | .04542 | .55806 | .01936 | .25733 | .35138 |
| #3 | .14557 | .04102 | .06409 | .04522 | .55490 | .01923 | .25770 | .35181 |

| 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 | .05676 | .27205 | .00251 | .01823 | .00989 | .52646 | 6.8020 |
| Stddev | .00024 | .00065 | .00001 | .00016 | .00003 | .00215 | .0238 |
| %RSD | .42346 | .23834 | .53476 | .90170 | .28995 | .40867 | .35019 |
| #1 | .05701 | .27274 | .00250 | .01835 | .00991 | .52872 | 6.8289 |
| #2 | .05674 | .27146 | .00250 | .01805 | .00986 | .52443 | 6.7933 |
| #3 | .05653 | .27195 | .00252 | .01830 | .00991 | .52623 | 6.7838 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S2 Acquired: 5/1/2025 12:36:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3145.0 | 71426. | 10850. | 2970.1 | 4784.6 |
| Stddev | 9.6 | 149. | 45. | 7.2 | 12.1 |
| %RSD | .30668 | .20813 | .41229 | .24074 | .25283 |
| #1 | 3133.9 | 71343. | 10803. | 2964.2 | 4770.7 |
| #2 | 3151.6 | 71598. | 10893. | 2968.1 | 4791.8 |
| #3 | 3149.4 | 71337. | 10853. | 2978.1 | 4791.4 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S3 Acquired: 5/1/2025 12:40:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .08243 | .12450 | .35080 | .08963 | .22536 | .29549 | 9.5460 | .41689 |
| Stddev | .00027 | .00068 | .00021 | .00019 | .00031 | .00098 | .0174 | .00260 |
| %RSD | .32538 | .54951 | .05866 | .20980 | .13878 | .33084 | .18192 | .62483 |
| #1 | .08214 | .12448 | .35102 | .08944 | .22518 | .29517 | 9.5611 | .41977 |
| #2 | .08248 | .12520 | .35061 | .08982 | .22518 | .29659 | 9.5498 | .41619 |
| #3 | .08267 | .12383 | .35077 | .08963 | .22572 | .29472 | 9.5270 | .41471 |

| 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 | 2.0612 | .53374 | .06741 | .62741 | .28057 | .00849 | .53797 | .16518 |
| Stddev | .0020 | .00121 | .00046 | .00068 | .00004 | .00004 | .00224 | .00043 |
| %RSD | .09878 | .22713 | .67574 | .10813 | .01517 | .42816 | .41715 | .26319 |
| #1 | 2.0632 | .53444 | .06793 | .62806 | .28052 | .00845 | .53778 | .16519 |
| #2 | 2.0613 | .53444 | .06720 | .62671 | .28061 | .00853 | .54031 | .16561 |
| #3 | 2.0591 | .53234 | .06709 | .62746 | .28057 | .00848 | .53583 | .16474 |

| 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 | .45470 | .12893 | .19125 | .14412 | 1.7314 | .06050 | .82348 | 1.0978 |
| Stddev | .00074 | .00031 | .00037 | .00027 | .0072 | .00005 | .00328 | .0010 |
| %RSD | .16190 | .24164 | .19222 | .18898 | .41384 | .07824 | .39844 | .08848 |
| #1 | .45555 | .12923 | .19086 | .14423 | 1.7321 | .06054 | .82722 | 1.0979 |
| #2 | .45433 | .12894 | .19133 | .14432 | 1.7382 | .06045 | .82213 | 1.0968 |
| #3 | .45422 | .12861 | .19158 | .14381 | 1.7239 | .06051 | .82108 | 1.0988 |

| 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 | .17619 | .85342 | .00760 | .06109 | .03111 | 1.6690 | 21.448 |
| Stddev | .00018 | .00278 | .00006 | .00006 | .00005 | .0036 | .173 |
| %RSD | .09954 | .32561 | .75495 | .09628 | .17049 | .21758 | .80579 |
| #1 | .17602 | .85371 | .00753 | .06115 | .03107 | 1.6730 | 21.641 |
| #2 | .17637 | .85605 | .00761 | .06106 | .03117 | 1.6660 | 21.309 |
| #3 | .17617 | .85051 | .00764 | .06105 | .03109 | 1.6680 | 21.392 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S3 Acquired: 5/1/2025 12:40:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3168.5 | 73034. | 10624. | 2985.8 | 4756.0 |
| Stddev | 7.0 | 53. | 30. | 19.6 | 12.5 |
| %RSD | .22146 | .07257 | .28201 | .65809 | .26297 |
| | | | | | |
| #1 | 3160.6 | 73074. | 10597. | 2983.6 | 4742.4 |
| #2 | 3170.7 | 72974. | 10619. | 2967.3 | 4758.3 |
| #3 | 3174.1 | 73054. | 10656. | 3006.4 | 4767.1 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S4 Acquired: 5/1/2025 12:44:38 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .16488 | .25150 | .70045 | .17887 | .45221 | .59751 | 18.757 | .86835 |
| Stddev | .00044 | .00132 | .00296 | .00133 | .00322 | .00229 | .130 | .00178 |
| %RSD | .26985 | .52675 | .42258 | .74186 | .71117 | .38315 | .69208 | .20494 |
| #1 | .16467 | .25287 | .70348 | .17824 | .45023 | .59509 | 18.607 | .86706 |
| #2 | .16457 | .25141 | .69756 | .17797 | .45049 | .59781 | 18.837 | .86760 |
| #3 | .16539 | .25023 | .70032 | .18039 | .45592 | .59964 | 18.828 | .87038 |

| 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 | 4.1027 | 1.0628 | .13410 | 1.2477 | .55349 | .01666 | 1.0677 | .33515 |
| Stddev | .0106 | .0032 | .00054 | .0036 | .00230 | .00001 | .0007 | .00093 |
| %RSD | .25833 | .29852 | .40219 | .29140 | .41513 | .08944 | .06680 | .27860 |
| #1 | 4.1142 | 1.0591 | .13472 | 1.2512 | .55281 | .01666 | 1.0685 | .33409 |
| #2 | 4.0934 | 1.0648 | .13380 | 1.2439 | .55161 | .01664 | 1.0671 | .33585 |
| #3 | 4.1003 | 1.0644 | .13378 | 1.2481 | .55605 | .01667 | 1.0675 | .33552 |

| 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 | .89900 | .26206 | .37921 | .29004 | 3.4338 | .12076 | 1.7214 | 2.1817 |
| Stddev | .00230 | .00031 | .00049 | .00106 | .0084 | .00075 | .0035 | .0073 |
| %RSD | .25576 | .11860 | .12949 | .36575 | .24407 | .62095 | .20233 | .33515 |
| #1 | .90044 | .26241 | .37959 | .28889 | 3.4394 | .12162 | 1.7199 | 2.1790 |
| #2 | .89635 | .26196 | .37938 | .29098 | 3.4242 | .12045 | 1.7190 | 2.1761 |
| #3 | .90022 | .26181 | .37865 | .29025 | 3.4380 | .12022 | 1.7254 | 2.1900 |

| 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 | .35192 | 1.7062 | .01466 | .12459 | .06315 | 3.4386 | 42.661 |
| Stddev | .00118 | .0021 | .00008 | .00050 | .00032 | .0020 | .473 |
| %RSD | .33581 | .12218 | .54290 | .39872 | .50506 | .05713 | 1.1077 |
| #1 | .35289 | 1.7047 | .01458 | .12472 | .06323 | 3.4366 | 42.149 |
| #2 | .35060 | 1.7053 | .01473 | .12405 | .06280 | 3.4386 | 42.755 |
| #3 | .35225 | 1.7086 | .01468 | .12502 | .06342 | 3.4406 | 43.080 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S4 Acquired: 5/1/2025 12:44:38 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3135.7 | 70312. | 10011. | 2897.1 | 4655.6 |
| Stddev | 6.2 | 181. | 16. | 6.0 | 21.7 |
| %RSD | .19619 | .25694 | .16163 | .20808 | .46565 |
| #1 | 3129.0 | 70204. | 10025. | 2891.0 | 4632.4 |
| #2 | 3137.0 | 70210. | 9993.3 | 2897.4 | 4659.0 |
| #3 | 3141.1 | 70520. | 10014. | 2903.1 | 4675.4 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S5 Acquired: 5/1/2025 12:48:55 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .32927 | .50288 | 1.3886 | .35619 | .91173 | 1.2409 | 39.532 | 1.7179 |
| Stddev | .00068 | .00187 | .0030 | .00100 | .00114 | .0013 | .296 | .0158 |
| %RSD | .20636 | .37240 | .21585 | .28206 | .12486 | .10748 | .74826 | .91890 |
| #1 | .32902 | .50357 | 1.3894 | .35505 | .91042 | 1.2424 | 39.690 | 1.7343 |
| #2 | .33003 | .50430 | 1.3853 | .35693 | .91248 | 1.2401 | 39.716 | 1.7028 |
| #3 | .32874 | .50076 | 1.3911 | .35659 | .91230 | 1.2402 | 39.191 | 1.7165 |

| 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 | 8.1570 | 2.1843 | .26406 | 2.4965 | 1.0896 | .03411 | 2.2025 | .68841 |
| Stddev | .0149 | .0095 | .00129 | .0033 | .0013 | .00017 | .0075 | .00246 |
| %RSD | .18219 | .43587 | .48714 | .13235 | .11501 | .50995 | .33965 | .35743 |
| #1 | 8.1656 | 2.1953 | .26319 | 2.4976 | 1.0889 | .03401 | 2.2111 | .69123 |
| #2 | 8.1398 | 2.1793 | .26554 | 2.4928 | 1.0910 | .03431 | 2.1987 | .68667 |
| #3 | 8.1655 | 2.1783 | .26347 | 2.4991 | 1.0889 | .03400 | 2.1977 | .68734 |

| 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 | 1.7847 | .52597 | .79660 | .60304 | 6.8042 | .25600 | 3.4390 | 4.3527 |
| Stddev | .0023 | .00115 | .00817 | .00072 | .0145 | .00199 | .0302 | .0045 |
| %RSD | .12749 | .21948 | 1.0251 | .11936 | .21375 | .77692 | .87693 | .10226 |
| #1 | 1.7852 | .52569 | .78854 | .60387 | 6.8029 | .25416 | 3.4681 | 4.3498 |
| #2 | 1.7822 | .52723 | .80487 | .60254 | 6.8193 | .25811 | 3.4079 | 4.3578 |
| #3 | 1.7867 | .52497 | .79640 | .60272 | 6.7903 | .25574 | 3.4412 | 4.3504 |

| 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 | .70043 | 3.5580 | .03057 | .25093 | .12860 | 7.3242 | 88.682 |
| Stddev | .00110 | .0109 | .00035 | .00054 | .00016 | .0153 | .698 |
| %RSD | .15705 | .30637 | 1.1445 | .21586 | .12073 | .20946 | .78730 |
| #1 | .69967 | 3.5704 | .03020 | .25151 | .12873 | 7.3419 | 88.284 |
| #2 | .69992 | 3.5532 | .03090 | .25086 | .12865 | 7.3149 | 88.274 |
| #3 | .70169 | 3.5502 | .03059 | .25043 | .12843 | 7.3159 | 89.488 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: S5 Acquired: 5/1/2025 12:48:55 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 3149.4 | 70625. | 10066. | 2865.8 | 4623.8 |
| Stddev | 3.7 | 454. | 67. | 21.8 | 2.4 |
| %RSD | .11724 | .64241 | .66664 | .75927 | .05278 |
| | | | | | |
| #1 | 3149.3 | 70868. | 9988.2 | 2869.8 | 4621.0 |
| #2 | 3145.8 | 70102. | 10104. | 2842.3 | 4625.1 |
| #3 | 3153.2 | 70906. | 10105. | 2885.2 | 4625.3 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICV01 Acquired: 5/1/2025 13:44:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.005003 | 1.030806 | .9893893 | 1.043131 | 1.023121 | 2.391553 |
| Stddev | .006159 | .009223 | .0068710 | .011822 | .004695 | .006117 |
| %RSD | .6128088 | .8947501 | .6944655 | 1.133298 | .4588613 | .2557821 |
| #1 | 1.000131 | 1.021784 | .9827612 | 1.038951 | 1.018440 | 2.395382 |
| #2 | 1.002954 | 1.030417 | .9889269 | 1.033968 | 1.023094 | 2.394779 |
| #3 | 1.011926 | 1.040218 | .9964798 | 1.056475 | 1.027829 | 2.384498 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4947237 | .4957575 | .5081073 | 9.240337 | .5057631 | .4966798 |
| Stddev | .0008532 | .0025452 | .0021485 | .007004 | .0019247 | .0020541 |
| %RSD | .1724694 | .5133872 | .4228506 | .0757998 | .3805507 | .4135770 |
| #1 | .4937532 | .4929096 | .5057627 | 9.232660 | .5066997 | .4943283 |
| #2 | .4953564 | .4978098 | .5085771 | 9.241972 | .5035494 | .4975864 |
| #3 | .4950613 | .4965530 | .5099821 | 9.246379 | .5070402 | .4981248 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5084552 | 9.102889 | .4759451 | 5.539289 | .5001090 | .2401272 |
| Stddev | .0016724 | .028282 | .0009516 | .015744 | .0022524 | .0002006 |
| %RSD | .3289106 | .3106936 | .1999390 | .2842238 | .4503852 | .0835491 |
| #1 | .5074595 | 9.133699 | .4756593 | 5.548075 | .4979087 | .2399771 |
| #2 | .5075201 | 9.078107 | .4770069 | 5.521112 | .5000081 | .2403550 |
| #3 | .5103859 | 9.096862 | .4751692 | 5.548679 | .5024102 | .2400493 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.020509 | .4661532 | .9821166 | 8.968918 | F .0272228 | F -.001551 |
| Stddev | .032632 | .0015575 | .0037439 | .013809 | .0006896 | .000231 |
| %RSD | .3617505 | .3341156 | .3812065 | .1539596 | 2.533026 | 14.90612 |
| #1 | 9.057944 | .4678509 | .9863702 | 8.963923 | .0277606 | -.001315 |
| #2 | 9.005507 | .4658184 | .9806584 | 8.958302 | .0264454 | -.001777 |
| #3 | 8.998076 | .4647904 | .9793213 | 8.984529 | .0274624 | -.001563 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICV01 Acquired: 5/1/2025 13:44:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 .0047180 | F .0000986 | F -.006504 | F .0093797 | F -.002277 | F -.002804 |
| Stddev | .0011377 | .0006040 | .007541 | .0024441 | .002946 | .001004 |
| %RSD | 24.11482 | 612.5765 | 115.9423 | 26.05702 | 129.3659 | 35.79800 |
| #1 | .0056098 | .0007911 | -.013528 | .0121626 | .001082 | -.003226 |
| #2 | .0034366 | -.000176 | .001465 | .0083947 | -.004421 | -.001658 |
| #3 | .0051074 | -.000319 | -.007450 | .0075819 | -.003492 | -.003527 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F -.007805 |
| Stddev | .000090 |
| %RSD | 1.149179 |
| #1 | -.007901 |
| #2 | -.007792 |
| #3 | -.007723 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3149.743 | 71498.23 | 10170.00 | 2935.578 | 4804.938 |
| Stddev | 12.427 | 78.24 | 43.09 | 12.315 | 20.697 |
| %RSD | .3945292 | .1094328 | .4237221 | .4195096 | .4307440 |
| #1 | 3161.422 | 71481.24 | 10207.56 | 2924.760 | 4826.692 |
| #2 | 3151.123 | 71429.89 | 10122.96 | 2932.993 | 4802.630 |
| #3 | 3136.684 | 71583.58 | 10179.48 | 2948.980 | 4785.492 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: LLICV01 Acquired: 5/1/2025 14:01:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0237101 | .0420218 | .0131056 | .0229051 | .0534949 | .0954475 |
| Stddev | .0015663 | .0006617 | .0020246 | .0014155 | .0016971 | .0054961 |
| %RSD | 6.605978 | 1.574660 | 15.44830 | 6.179992 | 3.172436 | 5.758254 |
| #1 | .0249409 | .0426465 | .0116110 | .0223171 | .0529911 | .0906058 |
| #2 | .0219470 | .0413285 | .0122961 | .0245199 | .0553868 | .1014216 |
| #3 | .0242424 | .0420904 | .0154097 | .0218784 | .0521067 | .0943152 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0958111 | .0060927 | .0063948 | 2.042152 | .0105342 | .0312763 |
| Stddev | .0004086 | .0000553 | .0000488 | .015917 | .0003774 | .0006492 |
| %RSD | .4264449 | .9084293 | .7627730 | .7794304 | 3.583031 | 2.075546 |
| #1 | .0960173 | .0060853 | .0063783 | 2.045003 | .0107429 | .0305426 |
| #2 | .0960756 | .0061514 | .0063564 | 2.056451 | .0107613 | .0315102 |
| #3 | .0953405 | .0060414 | .0064497 | 2.025002 | .0100985 | .0317761 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0228731 | .1058405 | .0213263 | 2.164153 | .0426687 | .0101728 |
| Stddev | .0003938 | .0011092 | .0001997 | .022058 | .0001696 | .0001541 |
| %RSD | 1.721529 | 1.047978 | .9363202 | 1.019247 | .3975092 | 1.514557 |
| #1 | .0224205 | .1070788 | .0215361 | 2.143601 | .0426069 | .0103477 |
| #2 | .0231370 | .1049381 | .0211385 | 2.187459 | .0425388 | .0100570 |
| #3 | .0230618 | .1055046 | .0213042 | 2.161398 | .0428606 | .0101138 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.031261 | .0411385 | .0430087 | 2.125135 | .1043375 | .2197622 |
| Stddev | .018904 | .0005162 | .0002976 | .020302 | .0014260 | .0011450 |
| %RSD | .9306775 | 1.254676 | .6919573 | .9553490 | 1.366739 | .5210096 |
| #1 | 2.012094 | .0412408 | .0430952 | 2.104951 | .1047037 | .2191396 |
| #2 | 2.049891 | .0415959 | .0426774 | 2.124900 | .1055447 | .2190634 |
| #3 | 2.031798 | .0405789 | .0432535 | 2.145554 | .1027641 | .2210836 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: LLICV01 Acquired: 5/1/2025 14:01:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0404375 | .0420061 | .4154339 | F .0260943 | .0181956 | F .0149480 |
| Stddev | .0008021 | .0011572 | .0042445 | .0021464 | .0060451 | .0010459 |
| %RSD | 1.983688 | 2.754903 | 1.021695 | 8.225348 | 33.22300 | 6.996951 |
| | | | | | | |
| #1 | .0413340 | .0412983 | .4151822 | .0258258 | .0250062 | .0161423 |
| #2 | .0397876 | .0433416 | .4197986 | .0283623 | .0161154 | .0145064 |
| #3 | .0401907 | .0413785 | .4113208 | .0240949 | .0134653 | .0141954 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0202213 |
| Stddev | .0000699 |
| %RSD | .3456933 |
| | |
| #1 | .0202944 |
| #2 | .0202144 |
| #3 | .0201551 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3152.572 | 72644.31 | 10873.21 | 2979.854 | 4834.693 |
| Stddev | 6.778 | 212.81 | 26.29 | 14.205 | 5.885 |
| %RSD | .2150006 | .2929531 | .2418111 | .4766931 | .1217331 |
| | | | | | |
| #1 | 3159.651 | 72889.99 | 10849.12 | 2995.962 | 4840.616 |
| #2 | 3151.925 | 72525.88 | 10869.25 | 2974.477 | 4834.615 |
| #3 | 3146.141 | 72517.05 | 10901.25 | 2969.123 | 4828.846 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICB01 Acquired: 5/1/2025 14:11:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001024 | -.000906 | .0000900 | -.001637 | -.003880 | .0027611 | -.004659 |
| Stddev | .002530 | .001618 | .0009733 | .006480 | .001735 | .0068792 | .000528 |
| %RSD | 247.0678 | 178.6369 | 1081.577 | 395.7660 | 44.70844 | 249.1517 | 11.33660 |
| #1 | .001805 | -.000106 | -.000864 | -.006014 | -.003010 | .0027186 | -.005224 |
| #2 | -.001809 | -.002768 | .000052 | .005807 | -.002752 | -.004097 | -.004178 |
| #3 | -.003069 | .000157 | .001082 | -.004704 | -.005877 | .009661 | -.004573 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000448 | -.000315 | .0023538 | .0003906 | -.000364 | -.000092 | -.009174 |
| Stddev | .0000544 | .000020 | .0100354 | .0003130 | .000152 | .000401 | .006995 |
| %RSD | 121.3148 | 6.432294 | 426.3481 | 80.12967 | 41.79586 | 434.5040 | 76.25106 |
| #1 | .0000339 | -.000297 | .0138010 | .0005394 | -.000310 | -.000448 | -.001184 |
| #2 | .0001039 | -.000311 | -.004929 | .0000310 | -.000536 | .000343 | -.012143 |
| #3 | -.000003 | -.000337 | -.001811 | .0006016 | -.000246 | -.000172 | -.014194 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000152 | .0229876 | -.000062 | -.000065 | -.028506 | .0008809 | -.001137 |
| Stddev | .000331 | .0159319 | .000298 | .000461 | .008291 | .0008841 | .000182 |
| %RSD | 217.8539 | 69.30617 | 479.1936 | 710.6420 | 29.08437 | 100.3668 | 15.96667 |
| #1 | -.000298 | .0227350 | .000259 | .000445 | -.036419 | .0010766 | -.001342 |
| #2 | .000227 | .0390443 | -.000331 | -.000187 | -.019883 | -.000085 | -.001071 |
| #3 | -.000386 | .0071836 | -.000115 | -.000453 | -.029215 | .001651 | -.000998 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0828867 | -.001369 | -.000840 | .0028320 | .0007100 | -.002005 | .0025827 |
| Stddev | .0656029 | .001015 | .000363 | .0010005 | .0017130 | .008807 | .0062290 |
| %RSD | 79.14770 | 74.14753 | 43.20135 | 35.32973 | 241.2491 | 439.3473 | 241.1791 |
| #1 | .1144626 | -.000297 | -.001240 | .0027576 | -.001204 | -.004731 | .0069400 |
| #2 | .0074668 | -.002316 | -.000532 | .0038676 | .001234 | .007843 | .0053600 |
| #3 | .1267308 | -.001494 | -.000747 | .0018707 | .002100 | -.009126 | -.004552 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICB01 Acquired: 5/1/2025 14:11:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0025879 | -.004319 | -.000177 |
| Stddev | .0052724 | .002339 | .000041 |
| %RSD | 203.7284 | 54.16218 | 22.91753 |
| | | | |
| #1 | .0085039 | -.006879 | -.000216 |
| #2 | .0008744 | -.002294 | -.000181 |
| #3 | -.001615 | -.003783 | -.000135 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3133.910 | 72428.18 | 10841.10 | 2984.598 | 4805.618 |
| Stddev | 5.066 | 128.64 | 56.34 | 5.548 | 10.299 |
| %RSD | .1616369 | .1776056 | .5196553 | .1858890 | .2143214 |
| | | | | | |
| #1 | 3134.300 | 72441.96 | 10805.19 | 2988.771 | 4804.692 |
| #2 | 3138.768 | 72549.37 | 10812.09 | 2978.302 | 4816.349 |
| #3 | 3128.660 | 72293.21 | 10906.03 | 2986.720 | 4795.813 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CRI01 Acquired: 5/1/2025 14:16:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0232658 | .0446168 | .0132786 | .0230887 | .0536409 | .1010266 |
| Stddev | .0027086 | .0015615 | .0010336 | .0034671 | .0018511 | .0106628 |
| %RSD | 11.64198 | 3.499831 | 7.783960 | 15.01658 | 3.450917 | 10.55445 |
| #1 | .0201400 | .0458733 | .0142947 | .0208619 | .0537867 | .1034453 |
| #2 | .0247362 | .0451085 | .0122284 | .0270834 | .0517212 | .1102723 |
| #3 | .0249212 | .0428686 | .0133127 | .0213208 | .0554148 | .0893622 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0935955 | .0060202 | .0063648 | 2.032268 | .0105705 | .0306922 |
| Stddev | .0001897 | .0000851 | .0000440 | .008636 | .0000406 | .0001519 |
| %RSD | .2026643 | 1.413832 | .6913728 | .4249486 | .3836745 | .4948525 |
| #1 | .0934300 | .0060932 | .0063715 | 2.035271 | .0105240 | .0305172 |
| #2 | .0935541 | .0059267 | .0064051 | 2.039002 | .0105884 | .0307896 |
| #3 | .0938025 | .0060406 | .0063178 | 2.022531 | .0105990 | .0307698 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0231302 | .1040205 | .0206944 | 2.150873 | .0418563 | .0105580 |
| Stddev | .0001926 | .0053900 | .0004791 | .002753 | .0004710 | .0004038 |
| %RSD | .8327462 | 5.181676 | 2.315251 | .1279872 | 1.125274 | 3.824407 |
| #1 | .0230640 | .1101959 | .0211966 | 2.148581 | .0415459 | .0110023 |
| #2 | .0233472 | .1002617 | .0202423 | 2.153926 | .0423982 | .0102134 |
| #3 | .0229795 | .1016040 | .0206443 | 2.150111 | .0416247 | .0104583 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.041768 | .0415679 | .0425017 | 2.175814 | .1017147 | .2184501 |
| Stddev | .008629 | .0013255 | .0005831 | .025353 | .0012834 | .0009755 |
| %RSD | .4226139 | 3.188848 | 1.371896 | 1.165238 | 1.261763 | .4465477 |
| #1 | 2.051731 | .0420508 | .0430673 | 2.176602 | .1031797 | .2173567 |
| #2 | 2.036916 | .0400687 | .0425352 | 2.150076 | .1007886 | .2192313 |
| #3 | 2.036658 | .0425844 | .0419026 | 2.200764 | .1011757 | .2187621 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CRI01 Acquired: 5/1/2025 14:16:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0408501 | .0416598 | .4172486 | F .0301166 | .0164368 | .0147893 |
| Stddev | .0017992 | .0005070 | .0063126 | .0022063 | .0018513 | .0010053 |
| %RSD | 4.404465 | 1.217098 | 1.512903 | 7.325997 | 11.26337 | 6.797653 |
| #1 | .0389476 | .0421104 | .4150808 | .0311266 | .0166472 | .0136502 |
| #2 | .0425242 | .0411108 | .4123056 | .0275860 | .0144893 | .0151652 |
| #3 | .0410784 | .0417581 | .4243595 | .0316371 | .0181740 | .0155525 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0200708 |
| Stddev | .0000873 |
| %RSD | .4351795 |
| #1 | .0200850 |
| #2 | .0201501 |
| #3 | .0199772 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3136.006 | 71990.81 | 10966.94 | 2975.806 | 4809.789 |
| Stddev | 13.506 | 173.30 | 65.54 | 11.331 | 20.758 |
| %RSD | .4306799 | .2407254 | .5976104 | .3807601 | .4315882 |
| #1 | 3148.421 | 71791.02 | 10891.52 | 2963.260 | 4825.761 |
| #2 | 3137.972 | 72080.98 | 10999.30 | 2978.863 | 4817.282 |
| #3 | 3121.624 | 72100.44 | 11010.01 | 2985.294 | 4786.325 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSA01 Acquired: 5/1/2025 14:35:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021111 | .0064206 | -.004152 | -.009378 | -.005479 | 227.9303 |
| Stddev | .0037991 | .0026445 | .002486 | .001700 | .003156 | .3255 |
| %RSD | 179.9606 | 41.18753 | 59.88352 | 18.12770 | 57.60679 | .1427998 |
| #1 | .0061765 | .0039272 | -.006120 | -.008162 | -.007278 | 228.2745 |
| #2 | .0015058 | .0061406 | -.001358 | -.008652 | -.007324 | 227.6275 |
| #3 | -.001349 | .0091939 | -.004978 | -.011320 | -.001834 | 227.8888 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005234 | .0011843 | -.004575 | 214.9184 | .0529780 | .0002842 |
| Stddev | .0016705 | .0001248 | .000156 | .9602 | .0002672 | .0004158 |
| %RSD | 319.1327 | 10.53543 | 3.420194 | .4467574 | .5042577 | 146.3315 |
| #1 | .0024523 | .0010789 | -.004695 | 215.8483 | .0529374 | .0004586 |
| #2 | -.000428 | .0013221 | -.004398 | 213.9306 | .0527334 | .0005844 |
| #3 | -.000454 | .0011519 | -.004632 | 214.9763 | .0532631 | -.000190 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056378 | 96.92688 | .0017381 | 227.0677 | .0022493 | .0014473 |
| Stddev | .0005044 | .72110 | .0006603 | .8834 | .0001091 | .0001319 |
| %RSD | 8.947061 | .7439633 | 37.99197 | .3890323 | 4.848914 | 9.109650 |
| #1 | .0050868 | 97.01492 | .0014259 | 227.9723 | .0023746 | .0015949 |
| #2 | .0060769 | 96.16581 | .0024966 | 226.2072 | .0021755 | .0013410 |
| #3 | .0057497 | 97.59992 | .0012917 | 227.0237 | .0021980 | .0014061 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.018871 | .0025492 | .0017536 | .0962467 | F .3071738 | -.000597 |
| Stddev | .005098 | .0009430 | .0003350 | .0250299 | .0041823 | .000601 |
| %RSD | 27.01610 | 36.99336 | 19.10259 | 26.00593 | 1.361556 | 100.7835 |
| #1 | -.015692 | .0017159 | .0015511 | .1209952 | .3086095 | -.000638 |
| #2 | -.016168 | .0023588 | .0021403 | .0968003 | .3024626 | -.001176 |
| #3 | -.024751 | .0035729 | .0015695 | .0709447 | .3104491 | .000024 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSA01 Acquired: 5/1/2025 14:35:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001441 | -.000687 | .0172702 | .0024360 | -.012361 | .0002086 |
| Stddev | .001829 | .000521 | .0072972 | .0082047 | .005674 | .0008404 |
| %RSD | 126.8763 | 75.84482 | 42.25287 | 336.8034 | 45.90403 | 402.8418 |
| #1 | -.001998 | -.001240 | .0254922 | .0112207 | -.011464 | -.000398 |
| #2 | .000601 | -.000614 | .0115632 | -.005029 | -.018431 | -.000144 |
| #3 | -.002927 | -.000206 | .0147553 | .001116 | -.007189 | .001168 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.000984 |
| Stddev | .000373 |
| %RSD | 37.88974 |
| #1 | -.001116 |
| #2 | -.000563 |
| #3 | -.001272 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2871.030 | 65659.54 | 10857.06 | 2683.681 | 4185.023 |
| Stddev | 9.609 | 94.21 | 52.67 | 10.539 | 10.757 |
| %RSD | .3346814 | .1434776 | .4851170 | .3927033 | .2570391 |
| #1 | 2866.777 | 65566.44 | 10809.63 | 2677.270 | 4187.939 |
| #2 | 2882.031 | 65754.82 | 10847.81 | 2677.928 | 4194.022 |
| #3 | 2864.281 | 65657.36 | 10913.74 | 2695.844 | 4173.109 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSAB01 Acquired: 5/1/2025 14:39:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1195342 | .1176163 | .0524838 | .0459372 | .6679132 | 238.3707 |
| Stddev | .0041731 | .0024915 | .0020103 | .0060985 | .0030741 | .5254 |
| %RSD | 3.491156 | 2.118325 | 3.830355 | 13.27564 | .4602482 | .2204018 |
| | | | | | | |
| #1 | .1219465 | .1165063 | .0533760 | .0398873 | .6650457 | 237.9243 |
| #2 | .1147155 | .1204698 | .0501819 | .0520831 | .6675352 | 238.2382 |
| #3 | .1219406 | .1158726 | .0538937 | .0458412 | .6711588 | 238.9496 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4871804 | .5296888 | 1.083488 | 220.7112 | .5833934 | .5324388 |
| Stddev | .0018268 | .0041972 | .001973 | .8243 | .0021465 | .0018048 |
| %RSD | .3749731 | .7923830 | .1821385 | .3734798 | .3679270 | .3389717 |
| | | | | | | |
| #1 | .4853514 | .5254827 | 1.082091 | 219.8558 | .5848102 | .5324093 |
| #2 | .4890050 | .5297067 | 1.085746 | 220.7773 | .5809238 | .5342581 |
| #3 | .4871847 | .5338770 | 1.082627 | 221.5005 | .5844462 | .5306489 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5404812 | 90.18566 | .4938083 | 236.7807 | 1.060022 | .2028524 |
| Stddev | .0020734 | .32029 | .0030131 | .9938 | .003026 | .0005345 |
| %RSD | .3836175 | .3551456 | .6101800 | .4197239 | .2854199 | .2634887 |
| | | | | | | |
| #1 | .5380924 | 90.53201 | .4907287 | 235.7051 | 1.057636 | .2023496 |
| #2 | .5418137 | 90.12480 | .4939460 | 236.9721 | 1.063425 | .2034137 |
| #3 | .5415376 | 89.90016 | .4967502 | 237.6649 | 1.059005 | .2027938 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.008614 | .4921414 | 1.086554 | .1347409 | F 1.186817 | .9707502 |
| Stddev | .005354 | .0014040 | .002654 | .0211639 | .008062 | .0017256 |
| %RSD | 62.15736 | .2852793 | .2443027 | 15.70711 | .6793210 | .1777637 |
| | | | | | | |
| #1 | -.011371 | .4921364 | 1.086142 | .1588166 | 1.178350 | .9687695 |
| #2 | -.002443 | .4935478 | 1.089390 | .1263332 | 1.187697 | .9719288 |
| #3 | -.012027 | .4907399 | 1.084129 | .1190727 | 1.194403 | .9715524 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSAB01 Acquired: 5/1/2025 14:39:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9717493 | .8930449 | F .8359048 | F .0043555 | F -.012616 | F -.001900 |
| Stddev | .0023003 | .0036600 | .0110129 | .0011284 | .004361 | .000974 |
| %RSD | .2367193 | .4098301 | 1.317485 | 25.90801 | 34.56862 | 51.26877 |
| #1 | .9712099 | .8903351 | .8296465 | .0055116 | -.007921 | -.002789 |
| #2 | .9742713 | .8915912 | .8486209 | .0042981 | -.013385 | -.000859 |
| #3 | .9697665 | .8972084 | .8294470 | .0032569 | -.016541 | -.002052 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0060358 |
| Stddev | .0006720 |
| %RSD | 11.13350 |
| #1 | .0053492 |
| #2 | .0060660 |
| #3 | .0066922 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2848.260 | 66137.72 | 9923.108 | 2682.569 | 4159.098 |
| Stddev | 11.299 | 240.24 | 63.729 | 11.864 | 11.533 |
| %RSD | .3966877 | .3632414 | .6422251 | .4422480 | .2772957 |
| #1 | 2861.305 | 65863.02 | 9985.313 | 2679.510 | 4171.247 |
| #2 | 2841.924 | 66308.53 | 9926.054 | 2672.534 | 4148.301 |
| #3 | 2841.551 | 66241.62 | 9857.958 | 2695.662 | 4157.745 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSADLX20 Acquired: 5/1/2025 14:53:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0020250 | -.001534 | -.000262 | .0001138 | -.004256 | 10.82141 |
| Stddev | .0024228 | .001374 | .001265 | .0007843 | .001588 | .10151 |
| %RSD | 119.6487 | 89.59285 | 482.3907 | 689.2633 | 37.31163 | .9380347 |
| #1 | .0047577 | -.003104 | .001107 | -.000280 | -.005265 | 10.84314 |
| #2 | .0011774 | -.000547 | -.000507 | -.000395 | -.005078 | 10.91030 |
| #3 | .0001398 | -.000952 | -.001387 | .001017 | -.002426 | 10.71080 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003841 | .0002623 | -.000397 | 10.56748 | .0030935 | -.000556 |
| Stddev | .000614 | .0000680 | .000060 | .07200 | .0001853 | .000292 |
| %RSD | 15.97901 | 25.92439 | 15.02313 | .6813265 | 5.990880 | 52.46505 |
| #1 | -.003501 | .0003078 | -.000359 | 10.58110 | .0029044 | -.000601 |
| #2 | -.003473 | .0001841 | -.000466 | 10.63169 | .0031011 | -.000823 |
| #3 | -.004550 | .0002949 | -.000367 | 10.48964 | .0032749 | -.000244 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000511 | 4.551992 | -.001222 | F 10.79173 | .0004890 | -.000226 |
| Stddev | .000168 | .019512 | .000110 | .07121 | .0003095 | .000354 |
| %RSD | 32.79771 | .4286374 | 8.965452 | .6598920 | 63.30185 | 156.6185 |
| #1 | -.000345 | 4.537612 | -.001341 | 10.78117 | .0007557 | .000146 |
| #2 | -.000509 | 4.544161 | -.001199 | 10.86764 | .0005617 | -.000265 |
| #3 | -.000680 | 4.574202 | -.001126 | 10.72639 | .0001496 | -.000559 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.050178 | .0008351 | -.000170 | .0733659 | .0120716 | -.001060 |
| Stddev | .012082 | .0020262 | .000082 | .0633392 | .0004191 | .000251 |
| %RSD | 24.07830 | 242.6315 | 48.22596 | 86.33330 | 3.471967 | 23.70643 |
| #1 | -.062153 | .0026127 | -.000162 | .0035889 | .0125034 | -.000784 |
| #2 | -.050387 | -.001371 | -.000092 | .1272340 | .0120449 | -.001121 |
| #3 | -.037992 | .001264 | -.000255 | .0892747 | .0116664 | -.001276 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSADLX20 Acquired: 5/1/2025 14:53:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0055848 | .0006443 | -.001259 | .0050123 | -.004908 | -.004152 |
| Stddev | .0014562 | .0002704 | .012297 | .0018152 | .001172 | .001400 |
| %RSD | 26.07477 | 41.97077 | 976.8556 | 36.21442 | 23.88716 | 33.71116 |
| #1 | .0039097 | .0009189 | .002137 | .0054587 | -.004393 | -.002614 |
| #2 | .0065496 | .0003782 | -.014897 | .0030155 | -.004082 | -.004489 |
| #3 | .0062951 | .0006357 | .008983 | .0065626 | -.006250 | -.005352 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.000050 |
| Stddev | .000069 |
| %RSD | 137.5353 |
| #1 | -.000033 |
| #2 | .000008 |
| #3 | -.000126 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3143.423 | 70649.74 | 10867.00 | 2895.056 | 4824.496 |
| Stddev | 5.975 | 32.40 | 71.36 | 5.070 | 3.566 |
| %RSD | .1900841 | .0458641 | .6566313 | .1751150 | .0739076 |
| #1 | 3149.771 | 70650.30 | 10882.35 | 2889.271 | 4826.020 |
| #2 | 3142.589 | 70681.86 | 10789.22 | 2897.173 | 4827.047 |
| #3 | 3137.908 | 70617.06 | 10929.43 | 2898.724 | 4820.422 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSABDLX20 Acquired: 5/1/2025 15:01:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0068541 | .0051649 | .0014643 | .0058424 | .0297698 | 11.77405 | .0200129 |
| Stddev | .0009034 | .0018503 | .0010428 | .0015656 | .0050028 | .02735 | .0002765 |
| %RSD | 13.18069 | 35.82509 | 71.21938 | 26.79720 | 16.80511 | .2322846 | 1.381822 |
| #1 | .0059975 | .0030496 | .0026354 | .0062790 | .0244704 | 11.77388 | .0196938 |
| #2 | .0077980 | .0059620 | .0011211 | .0041048 | .0344109 | 11.74679 | .0201629 |
| #3 | .0067668 | .0064832 | .0006362 | .0071433 | .0304281 | 11.80148 | .0201821 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0257157 | .0551779 | 11.46180 | .0303657 | .0264106 | .0272607 | 4.834866 |
| Stddev | .0001586 | .0000216 | .04948 | .0006430 | .0006142 | .0004688 | .038983 |
| %RSD | .6166039 | .0391830 | .4316635 | 2.117476 | 2.325476 | 1.719848 | .8062879 |
| #1 | .0258961 | .0551971 | 11.41111 | .0298492 | .0257014 | .0277651 | 4.792144 |
| #2 | .0256521 | .0551821 | 11.46432 | .0310858 | .0267647 | .0271787 | 4.868507 |
| #3 | .0255987 | .0551545 | 11.50996 | .0301619 | .0267657 | .0268383 | 4.843946 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0242769 | 11.70809 | .0543783 | .0095933 | -.037260 | .0258181 | .0539738 |
| Stddev | .0006073 | .04933 | .0002621 | .0003168 | .009852 | .0012969 | .0006302 |
| %RSD | 2.501520 | .4213482 | .4819306 | 3.302702 | 26.44074 | 5.023186 | 1.167667 |
| #1 | .0238385 | 11.65193 | .0543122 | .0097659 | -.026128 | .0258935 | .0540133 |
| #2 | .0249701 | 11.72792 | .0546671 | .0097863 | -.044857 | .0270757 | .0533248 |
| #3 | .0240222 | 11.74443 | .0541556 | .0092276 | -.040794 | .0244852 | .0545834 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0715155 | .0123991 | -.000851 | .0048220 | .0007404 | -.001711 | -.003389 |
| Stddev | .0150803 | .0005058 | .000181 | .0009876 | .0008750 | .022413 | .004057 |
| %RSD | 21.08678 | 4.078884 | 21.21632 | 20.48043 | 118.1800 | 1309.762 | 119.6975 |
| #1 | .0713174 | .0129722 | -.000837 | .0058897 | .0015974 | -.001936 | .001166 |
| #2 | .0565353 | .0120153 | -.001039 | .0046347 | .0007756 | -.024011 | -.006614 |
| #3 | .0866940 | .0122098 | -.000678 | .0039414 | -.000152 | .020813 | -.004719 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: ICSABDLX20 Acquired: 5/1/2025 15:01:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.002795 | -.005277 | -.000007 |
| Stddev | .005921 | .000268 | .000056 |
| %RSD | 211.8482 | 5.079409 | 748.8609 |
| | | | |
| #1 | -.003264 | -.004986 | .000021 |
| #2 | .003347 | -.005332 | -.000071 |
| #3 | -.008467 | -.005514 | .000028 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3055.746 | 70945.61 | 10751.94 | 2889.935 | 4642.559 |
| Stddev | 4.913 | 121.73 | 19.57 | 5.861 | 10.545 |
| %RSD | .1607718 | .1715864 | .1820279 | .2028044 | .2271456 |
| | | | | | |
| #1 | 3055.679 | 71082.37 | 10729.35 | 2892.827 | 4634.140 |
| #2 | 3050.868 | 70905.40 | 10763.55 | 2893.787 | 4639.150 |
| #3 | 3060.693 | 70849.08 | 10762.93 | 2883.190 | 4654.387 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV01 Acquired: 5/1/2025 15:05:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.090572 | 5.139961 | 5.007444 | 5.140078 | 5.108707 | 10.03592 | 9.654690 |
| Stddev | .020217 | .040402 | .012398 | .023672 | .027293 | .01365 | .049619 |
| %RSD | .3971453 | .7860355 | .2475829 | .4605455 | .5342509 | .1360295 | .5139339 |
| #1 | 5.071705 | 5.177712 | 5.009891 | 5.124544 | 5.083254 | 10.02270 | 9.684983 |
| #2 | 5.088098 | 5.097348 | 4.994006 | 5.128367 | 5.105338 | 10.03508 | 9.681659 |
| #3 | 5.111912 | 5.144822 | 5.018436 | 5.167323 | 5.137528 | 10.04997 | 9.597427 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2558753 | 2.495787 | 24.50759 | 1.004896 | 2.499305 | 1.279236 | 4.822728 |
| Stddev | .0005049 | .008110 | .04635 | .002783 | .009044 | .003910 | .016356 |
| %RSD | .1973310 | .3249473 | .1891208 | .2769323 | .3618765 | .3056291 | .3391424 |
| #1 | .2556162 | 2.493321 | 24.52735 | 1.005741 | 2.496183 | 1.275962 | 4.807705 |
| #2 | .2564572 | 2.489196 | 24.45463 | 1.007159 | 2.492234 | 1.278181 | 4.820328 |
| #3 | .2555526 | 2.504843 | 24.54078 | 1.001789 | 2.509496 | 1.283565 | 4.840151 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.447957 | 24.57083 | 2.504211 | 1.246466 | 24.00065 | 2.451572 | 2.508436 |
| Stddev | .005519 | .03373 | .009759 | .001768 | .07320 | .004058 | .008655 |
| %RSD | .2254554 | .1372609 | .3896853 | .1418373 | .3049889 | .1655202 | .3450191 |
| #1 | 2.444802 | 24.57529 | 2.502552 | 1.247427 | 23.91649 | 2.447389 | 2.517690 |
| #2 | 2.444739 | 24.53510 | 2.495389 | 1.247545 | 24.03596 | 2.451836 | 2.507075 |
| #3 | 2.454330 | 24.60211 | 2.514693 | 1.244425 | 24.04949 | 2.455491 | 2.500542 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.06075 | 5.083476 | 5.083260 | 5.006070 | 4.907601 | 4.783598 | 4.989939 |
| Stddev | .07796 | .007854 | .015529 | .021764 | .016794 | .036737 | .018401 |
| %RSD | .3240078 | .1544985 | .3054888 | .4347534 | .3422031 | .7679836 | .3687571 |
| #1 | 23.97666 | 5.084848 | 5.071447 | 4.999789 | 4.899159 | 4.751090 | 5.006335 |
| #2 | 24.13062 | 5.075027 | 5.077485 | 4.988136 | 4.896702 | 4.776250 | 4.970038 |
| #3 | 24.07496 | 5.090554 | 5.100849 | 5.030283 | 4.926940 | 4.823454 | 4.993444 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV01 Acquired: 5/1/2025 15:05:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.022771 | 4.887400 | 4.970180 |
| Stddev | .033439 | .012084 | .006110 |
| %RSD | .6657464 | .2472541 | .1229357 |
| #1 | 5.031216 | 4.875379 | 4.976976 |
| #2 | 4.985919 | 4.887274 | 4.965140 |
| #3 | 5.051177 | 4.899547 | 4.968424 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3105.020 | 71298.54 | 9989.040 | 2900.799 | 4667.452 |
| Stddev | 7.508 | 101.26 | 14.838 | 9.186 | 15.035 |
| %RSD | .2418137 | .1420241 | .1485466 | .3166727 | .3221280 |
| #1 | 3108.483 | 71313.68 | 9974.685 | 2890.332 | 4662.705 |
| #2 | 3110.173 | 71190.56 | 9988.115 | 2907.519 | 4684.288 |
| #3 | 3096.406 | 71391.38 | 10004.32 | 2904.547 | 4655.363 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB01 Acquired: 5/1/2025 15:12:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0004914 | .0013399 | .0006927 | -.001342 | -.003029 | -.001853 | -.002716 |
| Stddev | .0043474 | .0007334 | .0019178 | .004769 | .001607 | .006694 | .001625 |
| %RSD | 884.7579 | 54.73933 | 276.8681 | 355.2817 | 53.06520 | 361.2785 | 59.84447 |
| #1 | -.000898 | .0020814 | .0015781 | -.006625 | -.004651 | .005870 | -.001100 |
| #2 | .005364 | .0013235 | -.001508 | .002648 | -.002999 | -.005994 | -.004351 |
| #3 | -.002992 | .0006148 | .002008 | -.000050 | -.001437 | -.005434 | -.002696 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000774 | .0001967 | .0210879 | .0006478 | -.000192 | -.000120 | .0015455 |
| Stddev | .0000425 | .0001101 | .0048593 | .0003860 | .000203 | .000400 | .0045648 |
| %RSD | 54.85852 | 55.95294 | 23.04303 | 59.58503 | 105.8202 | 334.4599 | 295.3663 |
| #1 | .0001234 | .0002766 | .0156002 | .0008323 | .000041 | .000140 | -.001019 |
| #2 | .0000397 | .0000712 | .0248451 | .0002042 | -.000328 | -.000581 | .006816 |
| #3 | .0000691 | .0002424 | .0228182 | .0009068 | -.000289 | .000081 | -.001160 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002229 | .0332598 | .0008332 | .0001424 | -.040835 | .0013210 | -.000417 |
| Stddev | .000268 | .0141678 | .0002030 | .0000879 | .002041 | .0005411 | .000171 |
| %RSD | 12.04139 | 42.59725 | 24.36877 | 61.68851 | 4.998696 | 40.96248 | 40.94967 |
| #1 | -.002146 | .0478107 | .0010509 | .0000718 | -.043062 | .0009402 | -.000266 |
| #2 | -.002529 | .0324595 | .0006490 | .0002408 | -.040392 | .0019403 | -.000383 |
| #3 | -.002012 | .0195091 | .0007997 | .0001147 | -.039052 | .0010823 | -.000603 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0416640 | .0041772 | .0004140 | .0185344 | .0020447 | -.002003 | .0008958 |
| Stddev | .0221880 | .0009355 | .0003682 | .0005913 | .0003857 | .004769 | .0043684 |
| %RSD | 53.25463 | 22.39620 | 88.93915 | 3.190247 | 18.86571 | 238.0744 | 487.6292 |
| #1 | .0388356 | .0052408 | .0006718 | .0179020 | .0017541 | .001914 | -.003593 |
| #2 | .0651306 | .0038091 | .0005778 | .0186279 | .0024823 | -.007314 | .001149 |
| #3 | .0210258 | .0034817 | -.000008 | .0190734 | .0018976 | -.000610 | .005132 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB01 Acquired: 5/1/2025 15:12:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004901 | -.003207 | .0015675 |
| Stddev | .001950 | .000704 | .0002185 |
| %RSD | 39.78457 | 21.94890 | 13.94132 |
| | | | |
| #1 | -.002651 | -.002933 | .0013177 |
| #2 | -.005960 | -.004006 | .0017235 |
| #3 | -.006093 | -.002680 | .0016612 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3198.699 | 72134.17 | 11366.23 | 2945.957 | 4981.235 |
| Stddev | 6.007 | 264.52 | 61.77 | 17.094 | 8.419 |
| %RSD | .1878061 | .3667002 | .5434895 | .5802562 | .1690196 |
| | | | | | |
| #1 | 3198.973 | 71969.05 | 11296.66 | 2939.670 | 4985.271 |
| #2 | 3204.565 | 72439.26 | 11414.66 | 2965.305 | 4986.876 |
| #3 | 3192.560 | 71994.19 | 11387.36 | 2932.897 | 4971.557 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167781BL Acquired: 5/1/2025 15:17:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0009234 | .0000429 | .0009796 | -.000002 | -.004806 | -.002907 | -.005203 |
| Stddev | .0031492 | .0011220 | .0005741 | .002105 | .000314 | .003333 | .002171 |
| %RSD | 341.0577 | 2617.643 | 58.60643 | 88626.01 | 6.530237 | 114.6378 | 41.73462 |
| #1 | .0004972 | -.001229 | .0015909 | .001365 | -.005136 | .000105 | -.007569 |
| #2 | .0042640 | .000467 | .0008961 | -.002426 | -.004770 | -.006488 | -.004736 |
| #3 | -.001991 | .000891 | .0004518 | .001054 | -.004512 | -.002339 | -.003303 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000218 | -.000295 | -.003665 | .0002142 | -.000561 | -.000699 | -.014065 |
| Stddev | .0000201 | .000050 | .012220 | .0003162 | .000195 | .000472 | .001916 |
| %RSD | 92.38728 | 16.98043 | 333.3977 | 147.6527 | 34.80492 | 67.54026 | 13.62451 |
| #1 | .0000380 | -.000325 | -.014585 | .0002950 | -.000336 | -.001205 | -.016264 |
| #2 | .0000281 | -.000322 | .009534 | .0004822 | -.000684 | -.000623 | -.013178 |
| #3 | -.000001 | -.000237 | -.005944 | -.000135 | -.000663 | -.000270 | -.012753 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002825 | .0276690 | .0000539 | .0000086 | -.049446 | -.000999 | -.001006 |
| Stddev | .000118 | .0154615 | .0004395 | .0001112 | .003207 | .002025 | .000279 |
| %RSD | 4.160606 | 55.88034 | 815.6034 | 1288.662 | 6.485748 | 202.7209 | 27.70080 |
| #1 | -.002764 | .0100758 | -.000453 | -.000075 | -.052457 | -.001751 | -.001118 |
| #2 | -.002960 | .0390958 | .000326 | .000135 | -.046074 | .001294 | -.000689 |
| #3 | -.002750 | .0338353 | .000289 | -.000034 | -.049807 | -.002539 | -.001210 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0666025 | .0002259 | -.000670 | .0169953 | .0009101 | -.004329 | .0023354 |
| Stddev | .0510186 | .0007469 | .000153 | .0011322 | .0006277 | .001966 | .0002849 |
| %RSD | 76.60174 | 330.6050 | 22.82955 | 6.661725 | 68.96645 | 45.41893 | 12.19797 |
| #1 | .1235793 | .0002613 | -.000548 | .0169331 | .0013572 | -.004722 | .0024363 |
| #2 | .0510807 | -.000538 | -.000842 | .0158956 | .0001925 | -.002196 | .0025562 |
| #3 | .0251474 | .000954 | -.000620 | .0181574 | .0011806 | -.006069 | .0020139 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167781BL Acquired: 5/1/2025 15:17:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005566 | -.004945 | -.000138 |
| Stddev | .008047 | .000646 | .000052 |
| %RSD | 144.5650 | 13.06709 | 37.29619 |
| | | | |
| #1 | -.011509 | -.004920 | -.000179 |
| #2 | .003591 | -.005603 | -.000080 |
| #3 | -.008779 | -.004311 | -.000156 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3149.735 | 74966.54 | 10770.65 | 2997.843 | 4884.530 |
| Stddev | 7.336 | 197.43 | 35.96 | 21.341 | 6.384 |
| %RSD | .2329092 | .2633627 | .3338590 | .7118948 | .1307054 |
| | | | | | |
| #1 | 3142.886 | 75192.71 | 10802.99 | 3022.463 | 4877.991 |
| #2 | 3157.476 | 74878.29 | 10777.04 | 2984.605 | 4890.748 |
| #3 | 3148.842 | 74828.62 | 10731.93 | 2986.461 | 4884.850 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167781BS Acquired: 5/1/2025 15:21:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7550829 | 1.967343 | .9277028 | 1.912864 | .7671203 | 1.796446 |
| Stddev | .0024813 | .011337 | .0034090 | .004806 | .0052559 | .003657 |
| %RSD | .3286079 | .5762372 | .3674618 | .2512225 | .6851474 | .2035520 |
| | | | | | | |
| #1 | .7522844 | 1.980376 | .9241154 | 1.914905 | .7651682 | 1.800669 |
| #2 | .7559501 | 1.961890 | .9280934 | 1.907375 | .7631198 | 1.794343 |
| #3 | .7570141 | 1.959763 | .9308996 | 1.916313 | .7730730 | 1.794327 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1748368 | .1756199 | .1874424 | .9301136 | .3777754 | .1835950 |
| Stddev | .0010485 | .0004286 | .0007060 | .0117061 | .0008705 | .0004412 |
| %RSD | .5997180 | .2440559 | .3766573 | 1.258571 | .2304312 | .2403094 |
| | | | | | | |
| #1 | .1749440 | .1758601 | .1868510 | .9258641 | .3780281 | .1830961 |
| #2 | .1737388 | .1751251 | .1872520 | .9211258 | .3768064 | .1839337 |
| #3 | .1758277 | .1758746 | .1882240 | .9433510 | .3784915 | .1837551 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2894721 | 2.850489 | .1823078 | 1.780074 | .4627883 | .0691900 |
| Stddev | .0012503 | .009604 | .0005490 | .006822 | .0012309 | .0001724 |
| %RSD | .4319172 | .3369248 | .3011624 | .3832363 | .2659700 | .2491548 |
| | | | | | | |
| #1 | .2895793 | 2.848125 | .1823849 | 1.786715 | .4615986 | .0692459 |
| #2 | .2881717 | 2.842288 | .1817243 | 1.773084 | .4627096 | .0689965 |
| #3 | .2906653 | 2.861054 | .1828142 | 1.780424 | .4640566 | .0693274 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.773455 | .2722505 | .1896437 | 9.306421 | .2737691 | .3911369 |
| Stddev | .015232 | .0017720 | .0007833 | .055558 | .0011859 | .0004620 |
| %RSD | .5492233 | .6508822 | .4130589 | .5969873 | .4331764 | .1181144 |
| | | | | | | |
| #1 | 2.783837 | .2705476 | .1902206 | 9.303002 | .2747932 | .3916425 |
| #2 | 2.755968 | .2740844 | .1887519 | 9.252651 | .2740443 | .3907368 |
| #3 | 2.780560 | .2721194 | .1899585 | 9.363609 | .2724698 | .3910315 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167781BS Acquired: 5/1/2025 15:21:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6722762 | .1855572 | .8105605 | 5.474834 | F -.010667 | .1833335 |
| Stddev | .0020473 | .0008432 | .0128455 | .012275 | .005672 | .0017164 |
| %RSD | .3045296 | .4544369 | 1.584769 | .2242070 | 53.17875 | .9362293 |
| | | | | | | |
| #1 | .6703121 | .1857709 | .8039489 | 5.481872 | -.015146 | .1826295 |
| #2 | .6721189 | .1846277 | .8023675 | 5.481970 | -.012566 | .1820810 |
| #3 | .6743976 | .1862730 | .8253651 | 5.460660 | -.004289 | .1852900 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1835270 |
| Stddev | .0009893 |
| %RSD | .5390780 |
| | |
| #1 | .1841323 |
| #2 | .1823853 |
| #3 | .1840635 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3195.362 | 72433.35 | 10944.82 | 2957.664 | 4977.926 |
| Stddev | 5.392 | 44.37 | 6.71 | 6.989 | 9.482 |
| %RSD | .1687403 | .0612520 | .0612990 | .2362958 | .1904754 |
| | | | | | |
| #1 | 3200.606 | 72442.71 | 10937.33 | 2956.919 | 4987.982 |
| #2 | 3195.646 | 72472.30 | 10946.88 | 2964.996 | 4976.648 |
| #3 | 3189.834 | 72385.06 | 10950.26 | 2951.078 | 4969.148 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1911-01 Acquired: 5/1/2025 15:28:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0508899 | .0067925 | .9363701 | -.014245 | -.004558 | 66.00753 | .7254481 |
| Stddev | .0015566 | .0013019 | .0009541 | .000578 | .004014 | .03552 | .0011173 |
| %RSD | 3.058665 | 19.16598 | .1018932 | 4.055449 | 88.06612 | .0538062 | .1540110 |
| #1 | .0508211 | .0082567 | .9373244 | -.013781 | -.007917 | 66.02311 | .7267382 |
| #2 | .0493690 | .0063552 | .9363697 | -.014892 | -.005643 | 65.96689 | .7248071 |
| #3 | .0524798 | .0057656 | .9354162 | -.014063 | -.000113 | 66.03260 | .7247990 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056750 | -.004044 | 28.17647 | .1907186 | .0769611 | .3668267 | 159.2898 |
| Stddev | .0000762 | .000151 | .03198 | .0008278 | .0003362 | .0020115 | .8323 |
| %RSD | 1.342457 | 3.722899 | .1135129 | .4340501 | .4368424 | .5483489 | .5225331 |
| #1 | .0057456 | -.003884 | 28.20191 | .1899834 | .0772936 | .3675944 | 158.3864 |
| #2 | .0055943 | -.004064 | 28.18695 | .1916152 | .0766213 | .3683412 | 159.4577 |
| #3 | .0056851 | -.004183 | 28.14057 | .1905572 | .0769682 | .3645444 | 160.0255 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.190553 | 20.31701 | .1351779 | .0043898 | 3.837100 | .1971040 | .8465740 |
| Stddev | .004709 | .04076 | .0003937 | .0001593 | .029802 | .0021749 | .0032353 |
| %RSD | .2149528 | .2006373 | .2912511 | 3.629837 | .7766930 | 1.103434 | .3821677 |
| #1 | 2.195953 | 20.36290 | .1354904 | .0042754 | 3.807953 | .1974365 | .8479163 |
| #2 | 2.187303 | 20.28499 | .1347357 | .0043221 | 3.835829 | .1990936 | .8489222 |
| #3 | 2.188402 | 20.30315 | .1353076 | .0045718 | 3.867517 | .1947820 | .8428836 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.129335 | .5195723 | .0028970 | .0858647 | 2.347154 | 2.881253 | 6.022609 |
| Stddev | .040753 | .0033068 | .0002359 | .0010617 | .003559 | .026721 | .039353 |
| %RSD | .6648926 | .6364516 | 8.141942 | 1.236531 | .1516307 | .9273946 | .6534292 |
| #1 | 6.083662 | .5162592 | .0026666 | .0858344 | 2.351264 | 2.867504 | 6.049266 |
| #2 | 6.142359 | .5195848 | .0028865 | .0869412 | 2.345055 | 2.864206 | 6.041151 |
| #3 | 6.161985 | .5228728 | .0031380 | .0848184 | 2.345145 | 2.912048 | 5.977410 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1911-01 Acquired: 5/1/2025 15:28:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 4.360527 | .1204915 | -.027045 |
| Stddev | .007907 | .0005295 | .000869 |
| %RSD | .1813414 | .4394349 | 3.214347 |
| #1 | 4.365630 | .1198802 | -.026087 |
| #2 | 4.364533 | .1208017 | -.027264 |
| #3 | 4.351418 | .1207928 | -.027784 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3531.065 | 81100.89 | 12972.26 | 3305.129 | 4606.030 |
| Stddev | 8.576 | 202.94 | 57.53 | 4.195 | 7.469 |
| %RSD | .2428793 | .2502319 | .4435057 | .1269214 | .1621615 |
| #1 | 3521.471 | 81326.45 | 12905.95 | 3308.496 | 4599.262 |
| #2 | 3533.739 | 81043.13 | 13008.91 | 3306.461 | 4604.786 |
| #3 | 3537.986 | 80933.10 | 13001.92 | 3300.430 | 4614.044 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1920-01 Acquired: 5/1/2025 15:33:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0404896 | .0032757 | .1998744 | -.021625 | -.003496 | 97.86138 | .3845475 |
| Stddev | .0060007 | .0022365 | .0008009 | .000658 | .004665 | .25268 | .0026361 |
| %RSD | 14.82027 | 68.27375 | .4006793 | 3.044723 | 133.4578 | .2582048 | .6855005 |
| #1 | .0468835 | .0046947 | .2006197 | -.021836 | -.008853 | 98.11705 | .3858882 |
| #2 | .0396050 | .0044348 | .1990276 | -.020888 | -.000325 | 97.85529 | .3862438 |
| #3 | .0349804 | .0006976 | .1999758 | -.022153 | -.001310 | 97.61179 | .3815106 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074498 | -.003759 | 12.30985 | .1765726 | .0869215 | .2075269 | 168.2982 |
| Stddev | .0000985 | .000243 | .06353 | .0006211 | .0004572 | .0016565 | .4899 |
| %RSD | 1.322229 | 6.457931 | .5160872 | .3517413 | .5260377 | .7982333 | .2910893 |
| #1 | .0074846 | -.003658 | 12.36606 | .1768215 | .0866609 | .2067862 | 168.0749 |
| #2 | .0075262 | -.004036 | 12.32256 | .1770306 | .0874494 | .2063699 | 168.8599 |
| #3 | .0073386 | -.003583 | 12.24092 | .1758656 | .0866541 | .2094245 | 167.9597 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.666449 | 31.40087 | .1484638 | .0039360 | 5.195533 | .2541411 | .6034172 |
| Stddev | .012574 | .12615 | .0004509 | .0005205 | .014449 | .0013560 | .0004448 |
| %RSD | .4715767 | .4017562 | .3036981 | 13.22429 | .2781076 | .5335443 | .0737166 |
| #1 | 2.677082 | 31.45780 | .1481001 | .0044916 | 5.200304 | .2556959 | .6029591 |
| #2 | 2.669695 | 31.48852 | .1489683 | .0038569 | 5.206994 | .2535241 | .6034452 |
| #3 | 2.652570 | 31.25628 | .1483230 | .0034596 | 5.179302 | .2532035 | .6038474 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.756706 | .5378597 | .0001843 | .0033076 | 3.884244 | 3.315523 | 5.991834 |
| Stddev | .054187 | .0033899 | .0000954 | .0011347 | .014502 | .022162 | .014731 |
| %RSD | .6985790 | .6302506 | 51.75521 | 34.30729 | .3733537 | .6684256 | .2458428 |
| #1 | 7.698762 | .5347372 | .0001973 | .0046004 | 3.900513 | 3.295225 | 5.998404 |
| #2 | 7.765231 | .5414652 | .0000831 | .0024764 | 3.879545 | 3.339168 | 5.974962 |
| #3 | 7.806125 | .5373768 | .0002725 | .0028459 | 3.872674 | 3.312176 | 6.002136 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1920-01 Acquired: 5/1/2025 15:33:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5475093 | .1781949 | -.101860 |
| Stddev | .0049981 | .0016942 | .000710 |
| %RSD | .9128761 | .9507314 | .6966303 |
| | | | |
| #1 | .5532804 | .1783963 | -.101138 |
| #2 | .5445823 | .1764091 | -.102557 |
| #3 | .5446652 | .1797794 | -.101883 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3418.619 | 79477.01 | 12297.81 | 3258.367 | 4524.652 |
| Stddev | 5.680 | 124.92 | 39.32 | 2.226 | 7.705 |
| %RSD | .1661542 | .1571779 | .3197365 | .0683283 | .1702855 |
| | | | | | |
| #1 | 3425.114 | 79570.18 | 12253.59 | 3260.916 | 4531.564 |
| #2 | 3414.580 | 79335.06 | 12311.00 | 3256.803 | 4516.345 |
| #3 | 3416.162 | 79525.79 | 12328.84 | 3257.383 | 4526.047 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-01 Acquired: 5/1/2025 15:38:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005417 | .0142077 | -.005056 | -.026034 | -.003565 | .0033437 | .7940584 |
| Stddev | .002368 | .0015644 | .001992 | .000102 | .001622 | .0077019 | .0004609 |
| %RSD | 43.71718 | 11.01083 | 39.39809 | .3920655 | 45.48708 | 230.3363 | .0580439 |
| #1 | -.004901 | .0143774 | -.007254 | -.026148 | -.004048 | -.004463 | .7944482 |
| #2 | -.003350 | .0125653 | -.003369 | -.025950 | -.004890 | .003558 | .7935497 |
| #3 | -.008001 | .0156803 | -.004545 | -.026005 | -.001757 | .010936 | .7941774 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0022336 | -.011219 | 3.291679 | .0266302 | .0015712 | .0255816 | 196.5737 |
| Stddev | .0000450 | .000493 | .013279 | .0006926 | .0003772 | .0014851 | .9867 |
| %RSD | 2.012936 | 4.394609 | .4034186 | 2.600898 | 24.01080 | 5.805186 | .5019324 |
| #1 | .0022631 | -.011596 | 3.304503 | .0271023 | .0011358 | .0239149 | 197.7059 |
| #2 | .0021819 | -.010661 | 3.292549 | .0269533 | .0018023 | .0260657 | 196.1175 |
| #3 | .0022559 | -.011399 | 3.277987 | .0258351 | .0017754 | .0267642 | 195.8976 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.708510 | .3974416 | .0124168 | .0039446 | 401.8589 | -.001859 | .1976932 |
| Stddev | .002400 | .0202455 | .0001227 | .0005999 | 5.9604 | .001444 | .0004182 |
| %RSD | .1404808 | 5.093950 | .9880733 | 15.20763 | 1.483211 | 77.66668 | .2115580 |
| #1 | 1.711163 | .4189340 | .0123767 | .0036918 | 408.5114 | -.000295 | .1976949 |
| #2 | 1.706488 | .3946600 | .0125545 | .0035126 | 397.0046 | -.002142 | .1972742 |
| #3 | 1.707880 | .3787307 | .0123191 | .0046296 | 400.0608 | -.003142 | .1981106 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8242638 | .7059064 | -.003489 | -.002038 | .0010174 | .7985568 | .3558582 |
| Stddev | .0184799 | .0037381 | .000653 | .000895 | .0002229 | .0108525 | .0022445 |
| %RSD | 2.241987 | .5295406 | 18.72505 | 43.90537 | 21.90863 | 1.359014 | .6307356 |
| #1 | .8444697 | .7102196 | -.003050 | -.002880 | .0010145 | .8056044 | .3583428 |
| #2 | .8201019 | .7038938 | -.003178 | -.002136 | .0007960 | .8040066 | .3552544 |
| #3 | .8082197 | .7036059 | -.004240 | -.001098 | .0012417 | .7860594 | .3539773 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-01 Acquired: 5/1/2025 15:38:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .9165453 | .0724198 | -.165980 |
| Stddev | .0038187 | .0004227 | .000843 |
| %RSD | .4166407 | .5836456 | .5076719 |
| | | | |
| #1 | .9201720 | .0726289 | -.166947 |
| #2 | .9125599 | .0726971 | -.165587 |
| #3 | .9169040 | .0719333 | -.165406 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2983.760 | 68257.32 | 10452.41 | 2731.391 | 4443.887 |
| Stddev | 16.158 | 476.68 | 34.96 | 5.807 | 19.956 |
| %RSD | .5415258 | .6983592 | .3345074 | .2125841 | .4490759 |
| | | | | | |
| #1 | 2967.656 | 67744.49 | 10414.14 | 2725.468 | 4424.262 |
| #2 | 2983.651 | 68340.57 | 10460.42 | 2731.629 | 4443.239 |
| #3 | 2999.972 | 68686.89 | 10482.67 | 2737.074 | 4464.159 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-02 Acquired: 5/1/2025 15:42:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004290 | .0017139 | -.001759 | -.008625 | -.003313 | .0253150 | .6488719 |
| Stddev | .003115 | .0005953 | .000754 | .002874 | .000824 | .0013958 | .0030981 |
| %RSD | 72.59915 | 34.73388 | 42.88788 | 33.32854 | 24.88127 | 5.513542 | .4774623 |
| #1 | -.001466 | .0010378 | -.002274 | -.007726 | -.002686 | .0243022 | .6452962 |
| #2 | -.007631 | .0021593 | -.002110 | -.011841 | -.003007 | .0247357 | .6505648 |
| #3 | -.003775 | .0019446 | -.000893 | -.006307 | -.004247 | .0269071 | .6507547 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005232 | -.004809 | 1.695993 | .0223246 | .0018028 | .0052353 | 67.77996 |
| Stddev | .0000241 | .000049 | .019329 | .0002334 | .0002456 | .0005001 | .52154 |
| %RSD | 4.605537 | 1.020866 | 1.139664 | 1.045482 | 13.62307 | 9.553442 | .7694596 |
| #1 | .0005021 | -.004863 | 1.715046 | .0225740 | .0015765 | .0047580 | 68.32671 |
| #2 | .0005181 | -.004768 | 1.696533 | .0221114 | .0020640 | .0057555 | 67.72522 |
| #3 | .0005495 | -.004796 | 1.676400 | .0222883 | .0017681 | .0051922 | 67.28795 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4972882 | .1675329 | .0034034 | .0016648 | 454.7155 | .0021051 | .2993674 |
| Stddev | .0038516 | .0098821 | .0004061 | .0001994 | 2.8938 | .0011675 | .0013488 |
| %RSD | .7745215 | 5.898619 | 11.93316 | 11.97592 | .6363979 | 55.45894 | .4505491 |
| #1 | .4948529 | .1785507 | .0034969 | .0018685 | 454.7837 | .0025052 | .2999001 |
| #2 | .4952829 | .1594525 | .0037546 | .0014701 | 457.5746 | .0007902 | .3003685 |
| #3 | .5017287 | .1645954 | .0029587 | .0016559 | 451.7882 | .0030199 | .2978336 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8593006 | .3649247 | -.002187 | -.002550 | .0001797 | .3919720 | .8660035 |
| Stddev | .0176722 | .0011965 | .000129 | .001780 | .0005882 | .0071246 | .0033403 |
| %RSD | 2.056580 | .3278759 | 5.906121 | 69.78020 | 327.2996 | 1.817637 | .3857121 |
| #1 | .8439035 | .3653365 | -.002076 | -.003010 | -.000462 | .3917414 | .8634199 |
| #2 | .8554015 | .3658608 | -.002329 | -.004055 | .000307 | .3992091 | .8697755 |
| #3 | .8785967 | .3635766 | -.002157 | -.000586 | .000694 | .3849654 | .8648151 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-02 Acquired: 5/1/2025 15:42:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.198327 | .0206466 | -.053017 |
| Stddev | .001820 | .0000268 | .000426 |
| %RSD | .1518999 | .1297781 | .8037219 |
| | | | |
| #1 | 1.198867 | .0206431 | -.053453 |
| #2 | 1.199816 | .0206218 | -.052997 |
| #3 | 1.196298 | .0206750 | -.052601 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2983.661 | 69368.29 | 11396.53 | 2771.196 | 4429.895 |
| Stddev | 15.736 | 217.51 | 133.58 | 9.111 | 39.028 |
| %RSD | .5274199 | .3135522 | 1.172144 | .3287855 | .8810141 |
| | | | | | |
| #1 | 2976.091 | 69137.08 | 11535.03 | 2760.682 | 4421.789 |
| #2 | 2973.139 | 69398.95 | 11386.08 | 2776.142 | 4395.556 |
| #3 | 3001.751 | 69568.84 | 11268.47 | 2776.765 | 4472.339 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-03 Acquired: 5/1/2025 15:47:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006224 | .0004394 | -.001346 | -.002988 | -.002166 | .0307590 | .4960701 |
| Stddev | .001577 | .0020555 | .000605 | .003437 | .002836 | .0018607 | .0062832 |
| %RSD | 25.32948 | 467.7712 | 44.95010 | 115.0029 | 130.9526 | 6.049155 | 1.266598 |
| #1 | -.007886 | .0005424 | -.001976 | -.003326 | -.005184 | .0319665 | .4931614 |
| #2 | -.004750 | .0024415 | -.001292 | -.006244 | -.001755 | .0316943 | .4917684 |
| #3 | -.006036 | -.001666 | -.000770 | .000605 | .000443 | .0286163 | .5032806 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0003519 | -.003310 | 1.240197 | .0158949 | .0046350 | .0052061 | 47.77660 |
| Stddev | .0000280 | .000082 | .008966 | .0000832 | .0000300 | .0004684 | .35440 |
| %RSD | 7.955937 | 2.478435 | .7229850 | .5234992 | .6463049 | 8.997776 | .7417903 |
| #1 | .0003437 | -.003404 | 1.241129 | .0159730 | .0046065 | .0051000 | 47.85275 |
| #2 | .0003289 | -.003252 | 1.230801 | .0158074 | .0046663 | .0057186 | 47.39031 |
| #3 | .0003830 | -.003274 | 1.248661 | .0159044 | .0046322 | .0047999 | 48.08673 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3680313 | .1460162 | .0033287 | .0015050 | 383.1045 | -.000257 | 1.834157 |
| Stddev | .0044131 | .0040831 | .0005262 | .0003955 | 3.0092 | .000938 | .007500 |
| %RSD | 1.199101 | 2.796345 | 15.80795 | 26.27998 | .7854877 | 365.4051 | .4089090 |
| #1 | .3663819 | .1434641 | .0039258 | .0011607 | 380.4397 | .000799 | 1.835056 |
| #2 | .3646806 | .1507255 | .0029324 | .0014173 | 382.5056 | -.000572 | 1.826248 |
| #3 | .3730315 | .1438590 | .0031281 | .0019370 | 386.3681 | -.000997 | 1.841167 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6093297 | .2568561 | -.002035 | -.002761 | .0012285 | .2618460 | .7875631 |
| Stddev | .0479424 | .0017894 | .000084 | .000785 | .0004701 | .0162390 | .0064956 |
| %RSD | 7.868056 | .6966334 | 4.149287 | 28.41205 | 38.26471 | 6.201721 | .8247744 |
| #1 | .6458166 | .2566410 | -.002130 | -.002083 | .0011608 | .2465222 | .7930184 |
| #2 | .5550307 | .2551839 | -.002007 | -.003620 | .0017287 | .2601490 | .7892933 |
| #3 | .6271419 | .2587432 | -.001969 | -.002581 | .0007959 | .2788669 | .7803775 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1894-03 Acquired: 5/1/2025 15:47:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7595598 | .0144538 | -.036050 |
| Stddev | .0044089 | .0015241 | .000259 |
| %RSD | .5804533 | 10.54496 | .7177866 |
| | | | |
| #1 | .7559955 | .0158713 | -.036211 |
| #2 | .7581940 | .0146483 | -.035751 |
| #3 | .7644900 | .0128417 | -.036187 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3039.353 | 70027.70 | 10987.46 | 2787.011 | 4563.906 |
| Stddev | 16.370 | 533.02 | 137.31 | 28.385 | 42.528 |
| %RSD | .5386162 | .7611513 | 1.249727 | 1.018491 | .9318304 |
| | | | | | |
| #1 | 3027.128 | 69898.30 | 11086.49 | 2775.294 | 4532.065 |
| #2 | 3032.980 | 70613.50 | 11045.19 | 2819.380 | 4547.450 |
| #3 | 3057.952 | 69571.30 | 10830.71 | 2766.360 | 4612.203 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1904-02 Acquired: 5/1/2025 15:51:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006658 | -.006583 | .0054045 | .0015679 | -.001354 | -.050201 | .5662663 |
| Stddev | .004385 | .002203 | .0012811 | .0027192 | .001025 | .010023 | .0013442 |
| %RSD | 65.86496 | 33.46453 | 23.70363 | 173.4253 | 75.75319 | 19.96644 | .2373863 |
| #1 | -.001659 | -.007998 | .0039264 | .0004952 | -.002538 | -.045241 | .5663047 |
| #2 | -.008457 | -.004045 | .0061945 | .0046598 | -.000748 | -.061737 | .5675909 |
| #3 | -.009858 | -.007705 | .0060926 | -.000451 | -.000775 | -.043625 | .5649032 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000121 | .0011948 | 97.50760 | .0011088 | -.000980 | .0142637 | .0032420 |
| Stddev | .000052 | .0001393 | .42407 | .0003019 | .000203 | .0005719 | .0020417 |
| %RSD | 42.98452 | 11.65536 | .4349049 | 27.23070 | 20.71384 | 4.009296 | 62.97582 |
| #1 | -.000086 | .0010342 | 97.56561 | .0014373 | -.001121 | .0148164 | .0047797 |
| #2 | -.000097 | .0012816 | 97.89968 | .0010457 | -.000748 | .0143005 | .0009255 |
| #3 | -.000181 | .0012687 | 97.05752 | .0008434 | -.001072 | .0136744 | .0040208 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.058831 | 4.997402 | .0062154 | -.000139 | 401.0051 | .0022827 | .1771776 |
| Stddev | .003513 | .030311 | .0002367 | .000436 | 5.5736 | .0004739 | .0013828 |
| %RSD | .3317652 | .6065332 | 3.808761 | 314.5630 | 1.389896 | 20.76179 | .7804695 |
| #1 | 1.059633 | 5.012171 | .0063617 | -.000052 | 394.7292 | .0022471 | .1764385 |
| #2 | 1.061873 | 5.017499 | .0063423 | .000248 | 402.9085 | .0027735 | .1763215 |
| #3 | 1.054986 | 4.962538 | .0059423 | -.000612 | 405.3777 | .0018276 | .1787729 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.065245 | .0489031 | -.000483 | -.005816 | -.001905 | 1.665176 | .0266372 |
| Stddev | .010997 | .0003758 | .000571 | .000148 | .000872 | .004923 | .0009431 |
| %RSD | .3587801 | .7684330 | 118.2890 | 2.538462 | 45.77047 | .2956656 | 3.540556 |
| #1 | 3.072785 | .0492953 | -.000007 | -.005903 | -.002611 | 1.660743 | .0255698 |
| #2 | 3.070324 | .0485462 | -.001116 | -.005899 | -.000931 | 1.670475 | .0269839 |
| #3 | 3.052626 | .0488679 | -.000325 | -.005645 | -.002172 | 1.664311 | .0273579 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1904-02 Acquired: 5/1/2025 15:51:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5972047 | -.018405 | .2229440 |
| Stddev | .0053749 | .000688 | .0006729 |
| %RSD | .9000074 | 3.740457 | .3018316 |
| | | | |
| #1 | .5995887 | -.018407 | .2223149 |
| #2 | .6009751 | -.017715 | .2228635 |
| #3 | .5910501 | -.019092 | .2236535 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2991.724 | 70406.74 | 11394.65 | 2734.530 | 4460.177 |
| Stddev | 8.816 | 157.22 | 75.65 | 11.146 | 25.646 |
| %RSD | .2946830 | .2232975 | .6639287 | .4075913 | .5749918 |
| | | | | | |
| #1 | 2993.791 | 70229.16 | 11375.65 | 2741.874 | 4452.793 |
| #2 | 2999.324 | 70528.18 | 11330.31 | 2740.010 | 4488.705 |
| #3 | 2982.059 | 70462.88 | 11477.99 | 2721.705 | 4439.033 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167800BL Acquired: 5/1/2025 15:56:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001950 | -.001981 | -.000396 | -.000890 | -.003543 | -.010297 | -.002344 |
| Stddev | .000623 | .000756 | .002828 | .002841 | .002731 | .002496 | .000930 |
| %RSD | 31.94469 | 38.17597 | 713.8576 | 319.2898 | 77.09614 | 24.24274 | 39.69996 |
| #1 | -.002664 | -.001222 | -.002192 | .001799 | -.006390 | -.009286 | -.003307 |
| #2 | -.001518 | -.002735 | -.001860 | -.000607 | -.003292 | -.013140 | -.002274 |
| #3 | -.001668 | -.001986 | .002864 | -.003862 | -.000945 | -.008465 | -.001450 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000037 | -.000420 | .0359116 | .0002519 | -.000642 | -.000858 | -.003151 |
| Stddev | .0000634 | .000010 | .0126284 | .0001021 | .000117 | .000802 | .006292 |
| %RSD | 1715.360 | 2.261593 | 35.16513 | 40.51044 | 18.19945 | 93.49140 | 199.6635 |
| #1 | -.000033 | -.000429 | .0422793 | .0001344 | -.000728 | -.000142 | -.009437 |
| #2 | -.000033 | -.000411 | .0440883 | .0003183 | -.000509 | -.000707 | -.003165 |
| #3 | .000077 | -.000421 | .0213671 | .0003031 | -.000688 | -.001724 | .003147 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001513 | .0278834 | -.000047 | -.000247 | .2425147 | .0011840 | -.000999 |
| Stddev | .000229 | .0137328 | .000257 | .000318 | .0292101 | .0006544 | .000367 |
| %RSD | 15.13014 | 49.25087 | 543.3216 | 128.6701 | 12.04469 | 55.27158 | 36.74627 |
| #1 | -.001298 | .0434505 | .000146 | -.000206 | .2762413 | .0007420 | -.001394 |
| #2 | -.001486 | .0227144 | -.000340 | .000048 | .2253081 | .0019359 | -.000935 |
| #3 | -.001754 | .0174851 | .000052 | -.000584 | .2259947 | .0008743 | -.000668 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1518604 | -.002119 | -.001210 | .0064730 | .0003253 | -.008013 | -.000032 |
| Stddev | .0072001 | .000690 | .000049 | .0006603 | .0004927 | .003085 | .003165 |
| %RSD | 4.741253 | 32.56031 | 4.028813 | 10.20123 | 151.4696 | 38.50468 | 9770.301 |
| #1 | .1536300 | -.001726 | -.001264 | .0057108 | -.000159 | -.008758 | .000564 |
| #2 | .1580106 | -.002916 | -.001169 | .0068714 | .000826 | -.010658 | -.003453 |
| #3 | .1439404 | -.001716 | -.001198 | .0068368 | .000309 | -.004624 | .002792 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167800BL Acquired: 5/1/2025 15:56:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005056 | .0026509 | -.000151 |
| Stddev | .003925 | .0020681 | .000046 |
| %RSD | 77.62602 | 78.01419 | 30.75031 |
| | | | |
| #1 | -.000672 | .0039610 | -.000107 |
| #2 | -.008244 | .0002668 | -.000145 |
| #3 | -.006252 | .0037249 | -.000200 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3264.699 | 73797.46 | 11406.96 | 3007.276 | 5022.580 |
| Stddev | 15.041 | 284.43 | 47.65 | 18.580 | 14.474 |
| %RSD | .4607292 | .3854136 | .4177156 | .6178379 | .2881689 |
| | | | | | |
| #1 | 3247.783 | 73488.42 | 11452.59 | 2989.121 | 5006.485 |
| #2 | 3276.565 | 74048.25 | 11357.52 | 3026.254 | 5034.526 |
| #3 | 3269.751 | 73855.72 | 11410.76 | 3006.453 | 5026.729 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV02 Acquired: 5/1/2025 16:00:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 4.934531 | 5.100162 | 4.975163 | 4.958131 | 4.970711 | 9.811328 | 10.15804 |
| Stddev | .013962 | .016215 | .020086 | .003325 | .011743 | .018203 | .00859 |
| %RSD | .2829410 | .3179399 | .4037299 | .0670607 | .2362431 | .1855310 | .0845590 |
| #1 | 4.934241 | 5.114985 | 4.993323 | 4.958301 | 4.982555 | 9.793614 | 10.15678 |
| #2 | 4.948635 | 5.082844 | 4.978578 | 4.961367 | 4.970508 | 9.810385 | 10.15015 |
| #3 | 4.920716 | 5.102658 | 4.953589 | 4.954724 | 4.959072 | 9.829984 | 10.16719 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2295066 | 2.474605 | 24.74963 | .9954525 | 2.477989 | 1.245207 | 5.208307 |
| Stddev | .0010259 | .007470 | .06826 | .0027553 | .006183 | .002592 | .052355 |
| %RSD | .4469828 | .3018496 | .2758152 | .2767890 | .2495000 | .2081809 | 1.005225 |
| #1 | .2284227 | 2.482197 | 24.76616 | .9958359 | 2.483488 | 1.245026 | 5.243662 |
| #2 | .2296346 | 2.474356 | 24.80811 | .9979961 | 2.479183 | 1.247886 | 5.233099 |
| #3 | .2304624 | 2.467264 | 24.67462 | .9925256 | 2.471297 | 1.242710 | 5.148161 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.482892 | 24.46238 | 2.475900 | 1.223181 | 25.46035 | 2.483816 | 2.455934 |
| Stddev | .004959 | .11707 | .006923 | .001583 | .10946 | .002377 | .012602 |
| %RSD | .1997170 | .4785638 | .2796342 | .1294233 | .4299105 | .0957068 | .5131291 |
| #1 | 2.478976 | 24.35222 | 2.482632 | 1.223344 | 25.58018 | 2.485351 | 2.466162 |
| #2 | 2.488468 | 24.58531 | 2.476270 | 1.221523 | 25.43525 | 2.481078 | 2.441856 |
| #3 | 2.481232 | 24.44963 | 2.468799 | 1.224676 | 25.36563 | 2.485020 | 2.459785 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.88807 | 4.602329 | 5.024717 | 4.958733 | 4.988722 | 5.050899 | 4.786809 |
| Stddev | .11222 | .027033 | .009445 | .018000 | .003765 | .019235 | .019420 |
| %RSD | .4334995 | .5873665 | .1879765 | .3629962 | .0754660 | .3808306 | .4056892 |
| #1 | 26.01758 | 4.572478 | 5.033416 | 4.974690 | 4.989440 | 5.064490 | 4.806276 |
| #2 | 25.81952 | 4.609352 | 5.026066 | 4.962288 | 4.992076 | 5.059317 | 4.786715 |
| #3 | 25.82710 | 4.625157 | 5.014671 | 4.939220 | 4.984650 | 5.028889 | 4.767437 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV02 Acquired: 5/1/2025 16:00:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 4.844104 | 4.811090 | 5.036998 |
| Stddev | .002906 | .009432 | .014348 |
| %RSD | .0599941 | .1960417 | .2848471 |
| #1 | 4.846765 | 4.807556 | 5.043330 |
| #2 | 4.844545 | 4.803935 | 5.020573 |
| #3 | 4.841003 | 4.821778 | 5.047089 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3268.329 | 75035.56 | 11314.49 | 3030.012 | 4894.359 |
| Stddev | 4.235 | 140.66 | 46.37 | 16.405 | 5.190 |
| %RSD | .1295786 | .1874580 | .4098049 | .5414298 | .1060423 |
| #1 | 3266.130 | 74985.93 | 11366.94 | 3011.086 | 4889.205 |
| #2 | 3265.645 | 74926.45 | 11278.95 | 3038.771 | 4894.287 |
| #3 | 3273.211 | 75194.31 | 11297.58 | 3040.177 | 4899.584 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB02 Acquired: 5/1/2025 16:04:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0010046 | .0016741 | .0009501 | .0044046 | -.001786 | -.002869 | -.001086 |
| Stddev | .0022167 | .0012551 | .0021431 | .0039125 | .002327 | .001629 | .000826 |
| %RSD | 220.6636 | 74.97047 | 225.5812 | 88.82799 | 130.2645 | 56.78823 | 76.07144 |
| #1 | .0035054 | .0021512 | -.001050 | .0065235 | -.004241 | -.004258 | -.000484 |
| #2 | .0002264 | .0026206 | .003212 | .0068007 | -.001506 | -.001076 | -.000747 |
| #3 | -.000718 | .0002504 | .000687 | -.000110 | .000387 | -.003272 | -.002028 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001099 | .0005980 | .0127517 | .0008978 | .0005406 | -.000054 | -.006566 |
| Stddev | .0000227 | .0001251 | .0062429 | .0004412 | .0000271 | .000354 | .000622 |
| %RSD | 20.62680 | 20.92429 | 48.95688 | 49.14464 | 5.010315 | 651.2085 | 9.470742 |
| #1 | .0001107 | .0007346 | .0068998 | .0008465 | .0005685 | .000238 | -.007263 |
| #2 | .0001321 | .0004890 | .0120323 | .0004844 | .0005388 | -.000449 | -.006070 |
| #3 | .0000868 | .0005704 | .0193231 | .0013624 | .0005144 | .000048 | -.006364 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002432 | .0276026 | .0010509 | .0003135 | .0118124 | .0001052 | -.000387 |
| Stddev | .000372 | .0033127 | .0004371 | .0001948 | .0131823 | .0007128 | .000349 |
| %RSD | 15.27990 | 12.00131 | 41.59203 | 62.14258 | 111.5966 | 677.7207 | 90.18941 |
| #1 | -.002618 | .0271036 | .0015403 | .0001448 | .0085340 | -.000036 | .000010 |
| #2 | -.002004 | .0245677 | .0006995 | .0002690 | .0005788 | -.000526 | -.000647 |
| #3 | -.002674 | .0311365 | .0009127 | .0005267 | .0263246 | .000878 | -.000523 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0859876 | .0072674 | .0011762 | .0183416 | .0027501 | .0143342 | .0052483 |
| Stddev | .0410426 | .0004521 | .0001684 | .0006225 | .0003246 | .0090536 | .0007066 |
| %RSD | 47.73081 | 6.221073 | 14.31448 | 3.393791 | 11.80290 | 63.16088 | 13.46259 |
| #1 | .0874411 | .0069009 | .0012235 | .0184190 | .0027207 | .0225266 | .0046013 |
| #2 | .0442376 | .0077726 | .0009892 | .0176840 | .0030884 | .0158622 | .0060022 |
| #3 | .1262842 | .0071288 | .0013158 | .0189217 | .0024412 | .0046138 | .0051413 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB02 Acquired: 5/1/2025 16:04:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.008051 | -.000387 | .0015999 |
| Stddev | .003473 | .000382 | .0002028 |
| %RSD | 43.13923 | 98.75897 | 12.67393 |
| | | | |
| #1 | -.010977 | .000005 | .0018292 |
| #2 | -.004213 | -.000758 | .0015265 |
| #3 | -.008964 | -.000408 | .0014440 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3280.334 | 73798.48 | 11304.49 | 3025.308 | 5091.029 |
| Stddev | 11.340 | 261.75 | 35.53 | 12.990 | 8.406 |
| %RSD | .3456997 | .3546845 | .3143324 | .4293675 | .1651088 |
| | | | | | |
| #1 | 3279.229 | 73515.80 | 11292.08 | 3012.727 | 5087.084 |
| #2 | 3292.187 | 74032.46 | 11276.83 | 3038.671 | 5100.681 |
| #3 | 3269.587 | 73847.19 | 11344.57 | 3024.526 | 5085.321 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167800BS Acquired: 5/1/2025 16:19:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7738181 | 1.959469 | .9453728 | 1.965676 | .7813501 | 1.817173 |
| Stddev | .0078367 | .011020 | .0052598 | .011482 | .0090645 | .007897 |
| %RSD | 1.012730 | .5624204 | .5563733 | .5841294 | 1.160102 | .4346016 |
| | | | | | | |
| #1 | .7658979 | 1.948381 | .9420198 | 1.955049 | .7735814 | 1.808359 |
| #2 | .7739879 | 1.970420 | .9426636 | 1.964124 | .7791599 | 1.819556 |
| #3 | .7815685 | 1.959605 | .9514349 | 1.977856 | .7913090 | 1.823605 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1682920 | .1890301 | .1923862 | .9209316 | .3803265 | .1873771 |
| Stddev | .0014352 | .0016033 | .0014705 | .0090345 | .0014356 | .0012426 |
| %RSD | .8528193 | .8482002 | .7643227 | .9810199 | .3774578 | .6631448 |
| | | | | | | |
| #1 | .1667757 | .1908334 | .1914982 | .9264126 | .3805012 | .1865801 |
| #2 | .1684709 | .1884912 | .1915770 | .9105040 | .3816666 | .1867424 |
| #3 | .1696294 | .1877656 | .1940835 | .9258782 | .3788115 | .1888088 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2938719 | 2.691017 | .1794984 | 1.799735 | .4741107 | .0702020 |
| Stddev | .0013460 | .020677 | .0008140 | .037398 | .0037699 | .0006485 |
| %RSD | .4580263 | .7683827 | .4534687 | 2.077968 | .7951435 | .9237845 |
| | | | | | | |
| #1 | .2933494 | 2.667247 | .1800218 | 1.842750 | .4731506 | .0703256 |
| #2 | .2928654 | 2.700961 | .1785607 | 1.774926 | .4709138 | .0707799 |
| #3 | .2954008 | 2.704845 | .1799129 | 1.781530 | .4782678 | .0695006 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.681549 | .2718833 | .1896421 | 8.804685 | .2935439 | .3918305 |
| Stddev | .006787 | .0015792 | .0004751 | .056831 | .0023053 | .0023048 |
| %RSD | .2531005 | .5808423 | .2505010 | .6454678 | .7853401 | .5882124 |
| | | | | | | |
| #1 | 2.674443 | .2723051 | .1895267 | 8.749032 | .2960814 | .3904139 |
| #2 | 2.687964 | .2732087 | .1901643 | 8.862626 | .2929717 | .3905876 |
| #3 | 2.682240 | .2701360 | .1892354 | 8.802396 | .2915785 | .3944899 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167800BS Acquired: 5/1/2025 16:19:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6861390 | .1830180 | .7747047 | 5.700436 | F -.008807 | .1854819 |
| Stddev | .0070314 | .0000135 | .0068450 | .034940 | .006356 | .0006596 |
| %RSD | 1.024777 | .0073892 | .8835593 | .6129298 | 72.16642 | .3556220 |
| | | | | | | |
| #1 | .6839206 | .1830224 | .7676408 | 5.679859 | -.016067 | .1847249 |
| #2 | .6804844 | .1830288 | .7813074 | 5.680671 | -.004247 | .1857873 |
| #3 | .6940121 | .1830029 | .7751659 | 5.740778 | -.006108 | .1859334 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1785819 |
| Stddev | .0002597 |
| %RSD | .1453948 |
| | |
| #1 | .1783013 |
| #2 | .1786306 |
| #3 | .1788137 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3140.044 | 71467.17 | 10232.30 | 2929.700 | 4840.272 |
| Stddev | 6.953 | 80.97 | 62.56 | 2.991 | 19.420 |
| %RSD | .2214152 | .1132995 | .6114163 | .1020869 | .4012274 |
| | | | | | |
| #1 | 3142.422 | 71373.75 | 10160.07 | 2928.305 | 4843.005 |
| #2 | 3145.496 | 71517.20 | 10269.52 | 2933.134 | 4858.181 |
| #3 | 3132.215 | 71510.56 | 10267.30 | 2927.662 | 4819.630 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167808BL Acquired: 5/1/2025 16:23:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001275 | .0002709 | -.000088 | .0037348 | -.001845 | -.005657 | -.004451 |
| Stddev | .001757 | .0011054 | .002109 | .0050680 | .001072 | .003065 | .001209 |
| %RSD | 137.7494 | 408.0023 | 2384.811 | 135.6979 | 58.08902 | 54.18490 | 27.15260 |
| #1 | .000564 | -.000346 | -.000215 | .0089836 | -.002990 | -.006079 | -.003614 |
| #2 | -.002936 | .001547 | .002081 | -.001131 | -.000865 | -.008490 | -.005837 |
| #3 | -.001454 | -.000388 | -.002132 | .003351 | -.001681 | -.002403 | -.003903 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000350 | -.000294 | -.003621 | .0004944 | -.000491 | -.000399 | -.010326 |
| Stddev | .0000104 | .000043 | .008292 | .0002112 | .000282 | .000445 | .000993 |
| %RSD | 29.65203 | 14.74139 | 229.0015 | 42.71591 | 57.42797 | 111.6654 | 9.618534 |
| #1 | .0000320 | -.000339 | .004057 | .0004586 | -.000177 | .000115 | -.009426 |
| #2 | .0000264 | -.000290 | -.002505 | .0007212 | -.000723 | -.000647 | -.010160 |
| #3 | .0000465 | -.000253 | -.012415 | .0003034 | -.000573 | -.000664 | -.011392 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001691 | .0284136 | .0002670 | -.000084 | -.021710 | -.000305 | -.000866 |
| Stddev | .000057 | .0214212 | .0004459 | .000150 | .012295 | .003125 | .000380 |
| %RSD | 3.377998 | 75.39074 | 167.0053 | 178.2801 | 56.63331 | 1024.771 | 43.91595 |
| #1 | -.001755 | .0073412 | .0007697 | .000008 | -.029957 | -.002155 | -.001130 |
| #2 | -.001646 | .0501674 | -.000081 | -.000003 | -.027595 | .003303 | -.000430 |
| #3 | -.001672 | .0277323 | .000112 | -.000257 | -.007579 | -.002062 | -.001038 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0715393 | .0000195 | -.000914 | .0070720 | .0011523 | -.000295 | .0040333 |
| Stddev | .0262629 | .0005446 | .000228 | .0008713 | .0005906 | .014142 | .0004944 |
| %RSD | 36.71115 | 2797.666 | 24.97538 | 12.32022 | 51.25105 | 4801.048 | 12.25836 |
| #1 | .0441723 | .0004505 | -.000789 | .0078858 | .0011868 | .015927 | .0045834 |
| #2 | .0739080 | .0002005 | -.001178 | .0071775 | .0017248 | -.006776 | .0038908 |
| #3 | .0965376 | -.000593 | -.000776 | .0061528 | .0005452 | -.010034 | .0036258 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167808BL Acquired: 5/1/2025 16:23:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.003898 | -.002765 | -.000117 |
| Stddev | .002298 | .000715 | .000073 |
| %RSD | 58.94922 | 25.85757 | 62.75990 |
| | | | |
| #1 | -.001442 | -.003450 | -.000192 |
| #2 | -.005995 | -.002823 | -.000112 |
| #3 | -.004258 | -.002023 | -.000046 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3186.664 | 71904.79 | 11166.26 | 2939.070 | 4940.532 |
| Stddev | 7.062 | 392.53 | 38.58 | 8.502 | 10.550 |
| %RSD | .2216041 | .5458971 | .3455333 | .2892809 | .2135423 |
| | | | | | |
| #1 | 3178.689 | 72228.37 | 11122.30 | 2941.824 | 4928.543 |
| #2 | 3189.181 | 72017.86 | 11181.97 | 2945.852 | 4944.650 |
| #3 | 3192.123 | 71468.14 | 11194.52 | 2929.531 | 4948.401 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167808BS Acquired: 5/1/2025 16:33:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7541796 | 1.936465 | .9266840 | 1.920940 | .8034505 | 1.780228 |
| Stddev | .0064541 | .003783 | .0015832 | .007229 | .0017993 | .005723 |
| %RSD | .8557788 | .1953810 | .1708454 | .3763238 | .2239461 | .3214558 |
| #1 | .7607950 | 1.933777 | .9256017 | 1.913588 | .8034255 | 1.780847 |
| #2 | .7478999 | 1.940792 | .9259492 | 1.921193 | .8016638 | 1.774221 |
| #3 | .7538440 | 1.934828 | .9285011 | 1.928039 | .8052621 | 1.785616 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1652609 | .1827193 | .1885424 | .9059677 | .3749301 | .1836529 |
| Stddev | .0005013 | .0002008 | .0006013 | .0055966 | .0019422 | .0012466 |
| %RSD | .3033433 | .1098883 | .3189234 | .6177469 | .5180153 | .6787860 |
| #1 | .1656802 | .1825303 | .1882052 | .9102991 | .3758600 | .1833190 |
| #2 | .1647056 | .1829301 | .1881853 | .8996486 | .3762325 | .1826071 |
| #3 | .1653969 | .1826975 | .1892366 | .9079554 | .3726978 | .1850324 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2880218 | 2.677126 | .1772217 | 1.782760 | .4647443 | .0692337 |
| Stddev | .0009911 | .011763 | .0014588 | .005465 | .0021451 | .0004076 |
| %RSD | .3441147 | .4393857 | .8231397 | .3065544 | .4615594 | .5887088 |
| #1 | .2876648 | 2.669113 | .1772674 | 1.782884 | .4643648 | .0694649 |
| #2 | .2872587 | 2.690631 | .1786570 | 1.777234 | .4628143 | .0694731 |
| #3 | .2891420 | 2.671635 | .1757406 | 1.788162 | .4670538 | .0687631 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.636830 | .2663733 | .1870902 | 8.658631 | .2826803 | .4045911 |
| Stddev | .014968 | .0026925 | .0012862 | .113129 | .0007825 | .0020271 |
| %RSD | .5676649 | 1.010783 | .6874790 | 1.306547 | .2768102 | .5010313 |
| #1 | 2.648639 | .2676218 | .1885339 | 8.697126 | .2827590 | .4029776 |
| #2 | 2.641855 | .2632833 | .1866706 | 8.747489 | .2834204 | .4039293 |
| #3 | 2.619996 | .2682149 | .1860663 | 8.531278 | .2818614 | .4068664 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167808BS Acquired: 5/1/2025 16:33:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6953969 | .1899801 | .7982515 | 5.585789 | F -.014295 | .1816955 |
| Stddev | .0029123 | .0005004 | .0214175 | .004618 | .005308 | .0017412 |
| %RSD | .4188026 | .2633735 | 2.683052 | .0826793 | 37.12873 | .9582839 |
| #1 | .6939458 | .1897197 | .8192896 | 5.581902 | -.015024 | .1808676 |
| #2 | .6934951 | .1896636 | .7989912 | 5.584572 | -.019200 | .1805228 |
| #3 | .6987497 | .1905569 | .7764738 | 5.590894 | -.008660 | .1836962 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1756348 |
| Stddev | .0000841 |
| %RSD | .0478904 |
| #1 | .1756862 |
| #2 | .1756805 |
| #3 | .1755377 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3141.851 | 71463.02 | 10356.85 | 2908.204 | 4843.869 |
| Stddev | 3.717 | 409.70 | 8.47 | 10.720 | 5.212 |
| %RSD | .1182985 | .5733086 | .0818039 | .3686016 | .1075943 |
| #1 | 3143.704 | 71444.98 | 10366.29 | 2908.788 | 4848.392 |
| #2 | 3137.572 | 71062.64 | 10349.91 | 2897.205 | 4845.045 |
| #3 | 3144.276 | 71881.45 | 10354.36 | 2918.620 | 4838.170 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167774TB Acquired: 5/1/2025 16:37:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004856 | -.002411 | .0003621 | .0034234 | -.003109 | -.006406 | -.006651 |
| Stddev | .001374 | .001041 | .0006580 | .0042328 | .001076 | .009534 | .001543 |
| %RSD | 28.30604 | 43.18682 | 181.6801 | 123.6457 | 34.60137 | 148.8318 | 23.20645 |
| #1 | -.005169 | -.001331 | -.000000 | -.001054 | -.002436 | .000967 | -.005828 |
| #2 | -.006046 | -.002494 | -.000035 | .007360 | -.004350 | -.017172 | -.005693 |
| #3 | -.003351 | -.003409 | .001122 | .003964 | -.002542 | -.003012 | -.008431 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000131 | -.000284 | -.002278 | -.000308 | -.000589 | .0001701 | -.011622 |
| Stddev | .000081 | .000125 | .006653 | .000333 | .000036 | .0003221 | .006829 |
| %RSD | 62.21709 | 44.05851 | 292.1120 | 108.1993 | 6.110366 | 189.3008 | 58.75653 |
| #1 | -.000176 | -.000355 | -.002771 | -.000105 | -.000608 | -.000065 | -.003853 |
| #2 | -.000037 | -.000357 | -.008670 | -.000692 | -.000611 | .000537 | -.014341 |
| #3 | -.000180 | -.000139 | .004609 | -.000127 | -.000547 | .000039 | -.016673 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003014 | .0042394 | .0007684 | -.000202 | 417.3100 | -.000711 | .0018516 |
| Stddev | .000156 | .0123082 | .0002162 | .000302 | .4272 | .001004 | .0003845 |
| %RSD | 5.168811 | 290.3294 | 28.13003 | 149.5026 | .1023732 | 141.1907 | 20.76672 |
| #1 | -.002838 | .0127922 | .0006890 | -.000405 | 417.7935 | -.001610 | .0017498 |
| #2 | -.003136 | -.009867 | .0010130 | .000145 | 416.9836 | -.000894 | .0015282 |
| #3 | -.003066 | .009793 | .0006032 | -.000346 | 417.1528 | .000372 | .0022767 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0850426 | -.002219 | -.001052 | -.000534 | .0002443 | -.004563 | .0051579 |
| Stddev | .0523981 | .000567 | .000278 | .000765 | .0009558 | .001259 | .0019567 |
| %RSD | 61.61392 | 25.53694 | 26.40012 | 143.4135 | 391.2555 | 27.59488 | 37.93607 |
| #1 | .1273937 | -.002078 | -.001335 | -.000340 | .0000895 | -.003116 | .0033112 |
| #2 | .1012883 | -.002843 | -.000780 | -.001377 | .0012680 | -.005163 | .0049538 |
| #3 | .0264458 | -.001737 | -.001040 | .000116 | -.000625 | -.005411 | .0072086 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167774TB Acquired: 5/1/2025 16:37:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0263575 | -.005939 | -.000201 |
| Stddev | .0045546 | .001406 | .000021 |
| %RSD | 17.27988 | 23.68275 | 10.55384 |
| | | | |
| #1 | .0285906 | -.006512 | -.000200 |
| #2 | .0293645 | -.006968 | -.000223 |
| #3 | .0211174 | -.004336 | -.000181 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3032.350 | 69260.76 | 11511.99 | 2800.450 | 4502.743 |
| Stddev | 7.561 | 164.30 | 20.73 | 11.736 | 12.172 |
| %RSD | .2493510 | .2372207 | .1801017 | .4190853 | .2703227 |
| | | | | | |
| #1 | 3029.337 | 69402.47 | 11492.60 | 2811.359 | 4493.187 |
| #2 | 3026.760 | 69299.16 | 11509.51 | 2801.958 | 4498.595 |
| #3 | 3040.953 | 69080.66 | 11533.85 | 2788.032 | 4516.447 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167757BL Acquired: 5/1/2025 16:42:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.002412 | -.000283 | -.000652 | -.000135 | -.003899 | -.004239 | -.003719 |
| Stddev | .001369 | .002883 | .001275 | .000702 | .001453 | .005028 | .000588 |
| %RSD | 56.74110 | 1019.949 | 195.3759 | 520.7707 | 37.27180 | 118.6124 | 15.80050 |
| #1 | -.003930 | -.002745 | .000074 | .000236 | -.003395 | -.005989 | -.003060 |
| #2 | -.002037 | .002889 | .000093 | .000304 | -.005537 | .001430 | -.003911 |
| #3 | -.001270 | -.000992 | -.002124 | -.000945 | -.002764 | -.008160 | -.004187 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000037 | -.000277 | -.001965 | .0000243 | -.000619 | -.000076 | -.009795 |
| Stddev | .000051 | .000036 | .003009 | .0001248 | .000337 | .000217 | .010086 |
| %RSD | 140.8244 | 13.04437 | 153.0958 | 514.4066 | 54.44910 | 284.4177 | 102.9788 |
| #1 | -.000005 | -.000318 | .001041 | -.000060 | -.000801 | .000129 | -.011460 |
| #2 | -.000096 | -.000251 | -.004976 | -.000034 | -.000230 | -.000055 | -.018945 |
| #3 | -.000008 | -.000263 | -.001960 | .000168 | -.000827 | -.000303 | .001021 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001811 | .0191320 | -.000148 | -.000231 | .1265060 | .0000747 | -.001013 |
| Stddev | .000390 | .0051945 | .000172 | .000363 | .0399441 | .0020928 | .000741 |
| %RSD | 21.52232 | 27.15067 | 115.6690 | 157.1727 | 31.57490 | 2802.654 | 73.10958 |
| #1 | -.002261 | .0216524 | -.000261 | -.000280 | .1689529 | .0023880 | -.001816 |
| #2 | -.001564 | .0131582 | -.000234 | .000154 | .1209104 | -.000477 | -.000356 |
| #3 | -.001610 | .0225855 | .000049 | -.000567 | .0896547 | -.001687 | -.000868 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0739601 | -.001270 | -.000908 | .0066990 | .0003253 | .0070951 | .0005825 |
| Stddev | .0178719 | .000132 | .000138 | .0010030 | .0007033 | .0139647 | .0018762 |
| %RSD | 24.16429 | 10.42367 | 15.16410 | 14.97168 | 216.2174 | 196.8208 | 322.0887 |
| #1 | .0536303 | -.001234 | -.001066 | .0056587 | -.000118 | -.008659 | .0023999 |
| #2 | .0810543 | -.001417 | -.000838 | .0067784 | .001136 | .011995 | -.001347 |
| #3 | .0871957 | -.001160 | -.000818 | .0076599 | -.000042 | .017949 | .000695 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167757BL Acquired: 5/1/2025 16:42:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006312 | -.001253 | -.000183 |
| Stddev | .003548 | .000975 | .000027 |
| %RSD | 56.20940 | 77.84195 | 14.47697 |
| | | | |
| #1 | -.009757 | -.000131 | -.000197 |
| #2 | -.002670 | -.001900 | -.000153 |
| #3 | -.006509 | -.001727 | -.000200 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3204.814 | 72221.35 | 10869.21 | 2962.332 | 4936.364 |
| Stddev | 7.613 | 139.68 | 5.14 | 20.430 | 6.704 |
| %RSD | .2375476 | .1934046 | .0473128 | .6896605 | .1358181 |
| | | | | | |
| #1 | 3213.255 | 72077.65 | 10863.57 | 2938.754 | 4943.957 |
| #2 | 3202.720 | 72356.63 | 10873.63 | 2973.457 | 4931.261 |
| #3 | 3198.468 | 72229.78 | 10870.44 | 2974.785 | 4933.875 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167757BS Acquired: 5/1/2025 16:46:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7657740 | 1.976971 | .9422010 | 1.939204 | .7851114 | 1.828086 |
| Stddev | .0017148 | .022162 | .0042723 | .003893 | .0006077 | .003742 |
| %RSD | .2239321 | 1.121010 | .4534338 | .2007473 | .0774079 | .2046999 |
| #1 | .7677311 | 1.955864 | .9409494 | 1.934747 | .7852976 | 1.826225 |
| #2 | .7650559 | 2.000055 | .9386944 | 1.940925 | .7844324 | 1.825640 |
| #3 | .7645350 | 1.974994 | .9469593 | 1.941940 | .7856043 | 1.832394 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1671341 | .1920268 | .1922304 | .9240091 | .3829256 | .1868876 |
| Stddev | .0014940 | .0012442 | .0006680 | .0086595 | .0002404 | .0007900 |
| %RSD | .8939127 | .6479319 | .3475221 | .9371636 | .0627815 | .4227177 |
| #1 | .1675031 | .1913499 | .1920864 | .9140300 | .3826480 | .1868449 |
| #2 | .1684090 | .1934627 | .1916461 | .9284512 | .3830665 | .1861199 |
| #3 | .1654901 | .1912678 | .1929587 | .9295462 | .3830623 | .1876981 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2915466 | 2.707004 | .1813338 | 1.815903 | .4715802 | .0704709 |
| Stddev | .0003423 | .015421 | .0002982 | .002340 | .0006126 | .0001002 |
| %RSD | .1174171 | .5696625 | .1644262 | .1288667 | .1299130 | .1421397 |
| #1 | .2914422 | 2.704308 | .1812763 | 1.813724 | .4709220 | .0705566 |
| #2 | .2919289 | 2.693108 | .1816566 | 1.818376 | .4716847 | .0703608 |
| #3 | .2912686 | 2.723594 | .1810686 | 1.815609 | .4721339 | .0704951 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.684509 | .2727151 | .1919477 | 8.786670 | .2960090 | .3985854 |
| Stddev | .015953 | .0022122 | .0006819 | .041907 | .0007439 | .0012200 |
| %RSD | .5942531 | .8111570 | .3552431 | .4769435 | .2513112 | .3060928 |
| #1 | 2.683217 | .2703129 | .1921971 | 8.814174 | .2957883 | .3974518 |
| #2 | 2.669242 | .2746682 | .1911762 | 8.738438 | .2968383 | .3984278 |
| #3 | 2.701068 | .2731643 | .1924698 | 8.807399 | .2954004 | .3998766 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167757BS Acquired: 5/1/2025 16:46:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6877262 | .1866244 | .7880982 | 5.669327 | F -.011869 | .1859991 |
| Stddev | .0013827 | .0009644 | .0114730 | .011464 | .004726 | .0013636 |
| %RSD | .2010531 | .5167368 | 1.455783 | .2022144 | 39.81506 | .7331166 |
| #1 | .6878527 | .1867553 | .7966550 | 5.656156 | -.012934 | .1845858 |
| #2 | .6862846 | .1875166 | .7750611 | 5.674756 | -.006702 | .1873068 |
| #3 | .6890413 | .1856012 | .7925786 | 5.677067 | -.015972 | .1861048 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1785898 |
| Stddev | .0006523 |
| %RSD | .3652390 |
| #1 | .1790762 |
| #2 | .1788446 |
| #3 | .1778486 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3193.467 | 71483.35 | 10173.90 | 2943.598 | 4911.318 |
| Stddev | 2.970 | 20.82 | 45.31 | 11.323 | 6.588 |
| %RSD | .0929985 | .0291275 | .4453929 | .3846571 | .1341426 |
| #1 | 3195.168 | 71475.27 | 10192.01 | 2950.240 | 4908.364 |
| #2 | 3195.196 | 71467.79 | 10122.33 | 2950.030 | 4918.867 |
| #3 | 3190.038 | 71507.00 | 10207.35 | 2930.524 | 4906.724 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167799BL Acquired: 5/1/2025 16:50:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.003901 | .0002986 | .0002963 | -.000570 | -.001570 | -.003697 | -.004636 |
| Stddev | .000868 | .0003605 | .0016688 | .001954 | .003229 | .003437 | .001149 |
| %RSD | 22.26254 | 120.7647 | 563.2462 | 343.1291 | 205.6506 | 92.96810 | 24.78585 |
| #1 | -.003366 | .0004277 | -.001481 | -.000057 | -.005241 | -.007326 | -.003398 |
| #2 | -.003433 | -.000109 | .001830 | .001077 | -.000304 | -.003271 | -.005668 |
| #3 | -.004903 | .000577 | .000540 | -.002729 | .000834 | -.000493 | -.004842 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000139 | -.000317 | .0010526 | .0004654 | -.000208 | -.000726 | -.012863 |
| Stddev | .0000173 | .000120 | .0032002 | .0003195 | .000270 | .000247 | .005957 |
| %RSD | 125.0633 | 37.93434 | 304.0152 | 68.65092 | 129.6128 | 34.06060 | 46.31040 |
| #1 | -.000006 | -.000449 | -.002206 | .0008335 | -.000385 | -.000483 | -.009824 |
| #2 | .000021 | -.000214 | .001174 | .0003026 | -.000343 | -.000717 | -.009038 |
| #3 | .000026 | -.000289 | .004190 | .0002601 | .000103 | -.000977 | -.019726 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002010 | .0235109 | -.000364 | -.000543 | -.031789 | -.000280 | -.001303 |
| Stddev | .000280 | .0084814 | .000176 | .000250 | .001272 | .000197 | .000360 |
| %RSD | 13.95163 | 36.07443 | 48.28555 | 46.06163 | 4.000921 | 70.34701 | 27.63038 |
| #1 | -.002120 | .0196754 | -.000562 | -.000760 | -.033229 | -.000061 | -.001658 |
| #2 | -.002220 | .0176247 | -.000224 | -.000269 | -.030820 | -.000336 | -.000938 |
| #3 | -.001692 | .0332325 | -.000306 | -.000598 | -.031317 | -.000442 | -.001312 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0507436 | -.000904 | -.000715 | .0062062 | .0006911 | .0008716 | .0034784 |
| Stddev | .0222197 | .000417 | .000421 | .0012375 | .0007514 | .0056857 | .0014897 |
| %RSD | 43.78821 | 46.16685 | 58.78737 | 19.93984 | 108.7248 | 652.3491 | 42.82756 |
| #1 | .0623674 | -.001380 | -.000230 | .0076073 | .0006455 | -.004624 | .0050514 |
| #2 | .0647403 | -.000729 | -.000978 | .0057489 | .0014643 | .000508 | .0020889 |
| #3 | .0251231 | -.000603 | -.000938 | .0052625 | -.000036 | .006730 | .0032949 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167799BL Acquired: 5/1/2025 16:50:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.003988 | -.002321 | -.000210 |
| Stddev | .003394 | .001276 | .000061 |
| %RSD | 85.10340 | 54.98468 | 28.92429 |
| | | | |
| #1 | -.005700 | -.002922 | -.000173 |
| #2 | -.006186 | -.003185 | -.000281 |
| #3 | -.000079 | -.000855 | -.000178 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3154.991 | 72431.11 | 11301.33 | 2952.280 | 4851.462 |
| Stddev | 18.158 | 313.79 | 49.33 | 8.923 | 31.048 |
| %RSD | .5755317 | .4332220 | .4365137 | .3022275 | .6399626 |
| | | | | | |
| #1 | 3134.612 | 72114.18 | 11245.03 | 2942.064 | 4816.271 |
| #2 | 3169.449 | 72437.50 | 11321.98 | 2956.231 | 4874.987 |
| #3 | 3160.913 | 72741.66 | 11336.99 | 2958.544 | 4863.128 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167799BS Acquired: 5/1/2025 16:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7423295 | 1.927752 | .9148082 | 1.864145 | .7891540 | 1.766641 |
| Stddev | .0077660 | .011606 | .0017734 | .003018 | .0023108 | .019894 |
| %RSD | 1.046165 | .6020342 | .1938542 | .1619003 | .2928195 | 1.126092 |
| #1 | .7374515 | 1.922483 | .9167330 | 1.860784 | .7865012 | 1.743797 |
| #2 | .7382521 | 1.941058 | .9144511 | 1.865026 | .7907284 | 1.780159 |
| #3 | .7512850 | 1.919716 | .9132406 | 1.866624 | .7902325 | 1.775967 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1627431 | .1879381 | .1864746 | .9016624 | .3763148 | .1818631 |
| Stddev | .0015816 | .0018381 | .0002804 | .0040143 | .0018702 | .0002789 |
| %RSD | .9718460 | .9780361 | .1503800 | .4452124 | .4969727 | .1533568 |
| #1 | .1621786 | .1858232 | .1861834 | .8977136 | .3774507 | .1820080 |
| #2 | .1615212 | .1888405 | .1864975 | .9015346 | .3741563 | .1815416 |
| #3 | .1645295 | .1891506 | .1867428 | .9057391 | .3773373 | .1820398 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2832282 | 2.616191 | .1757369 | 1.767035 | .4580830 | .0692234 |
| Stddev | .0010388 | .016623 | .0017632 | .031507 | .0017072 | .0005816 |
| %RSD | .3667794 | .6353846 | 1.003299 | 1.783058 | .3726871 | .8402237 |
| #1 | .2828193 | 2.634704 | .1737234 | 1.745183 | .4583846 | .0690999 |
| #2 | .2824560 | 2.611323 | .1770046 | 1.752769 | .4562451 | .0687134 |
| #3 | .2844092 | 2.602545 | .1764827 | 1.803152 | .4596193 | .0698568 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.584661 | .2624092 | .1885296 | 8.505199 | .2876537 | .4026713 |
| Stddev | .011472 | .0035620 | .0005073 | .083733 | .0024040 | .0008402 |
| %RSD | .4438659 | 1.357437 | .2690742 | .9844909 | .8357167 | .2086574 |
| #1 | 2.597864 | .2582997 | .1891094 | 8.599033 | .2849861 | .4022436 |
| #2 | 2.577119 | .2643154 | .1881673 | 8.438094 | .2883226 | .4021310 |
| #3 | 2.579000 | .2646125 | .1883122 | 8.478470 | .2896524 | .4036393 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167799BS Acquired: 5/1/2025 16:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6890655 | .1879123 | .7838721 | 5.442540 | F -.013463 | .1793887 |
| Stddev | .0002564 | .0010998 | .0154801 | .009530 | .002568 | .0008659 |
| %RSD | .0372032 | .5852672 | 1.974824 | .1750930 | 19.07527 | .4826940 |
| #1 | .6892910 | .1869195 | .8010902 | 5.433248 | -.014782 | .1788567 |
| #2 | .6891188 | .1890945 | .7794205 | 5.452290 | -.015104 | .1789215 |
| #3 | .6887866 | .1877230 | .7711055 | 5.442083 | -.010504 | .1803879 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1729368 |
| Stddev | .0009667 |
| %RSD | .5589727 |
| #1 | .1718477 |
| #2 | .1736932 |
| #3 | .1732694 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3222.225 | 71374.67 | 10129.72 | 2919.507 | 4980.621 |
| Stddev | 7.891 | 476.22 | 77.10 | 20.332 | 10.596 |
| %RSD | .2448951 | .6672130 | .7611032 | .6964019 | .2127349 |
| #1 | 3227.727 | 70936.48 | 10209.14 | 2902.651 | 4986.486 |
| #2 | 3225.764 | 71881.48 | 10124.85 | 2942.087 | 4986.986 |
| #3 | 3213.184 | 71306.04 | 10055.18 | 2913.783 | 4968.389 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01 Acquired: 5/1/2025 16:59:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6431942 | .0059248 | 3.941580 | .0235379 | .0018509 | 79.71898 | .5480036 |
| Stddev | .0014617 | .0022323 | .004420 | .0047778 | .0035058 | .17985 | .0004596 |
| %RSD | .2272541 | 37.67783 | .1121399 | 20.29817 | 189.4162 | .2256106 | .0838654 |
| #1 | .6419581 | .0066264 | 3.939758 | .0220610 | -.001325 | 79.58282 | .5483268 |
| #2 | .6428169 | .0077221 | 3.938362 | .0196730 | .001265 | 79.65127 | .5482065 |
| #3 | .6448075 | .0034260 | 3.946620 | .0288797 | .005613 | 79.92287 | .5474775 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0094708 | .0068191 | 17.52170 | .2213784 | .0465148 | .4468777 | 165.9952 |
| Stddev | .0001912 | .0003463 | .02542 | .0015804 | .0002149 | .0012576 | .9092 |
| %RSD | 2.018408 | 5.078520 | .1450586 | .7138894 | .4619940 | .2814308 | .5477047 |
| #1 | .0096443 | .0065464 | 17.54233 | .2231780 | .0462668 | .4472736 | 166.7913 |
| #2 | .0095023 | .0067022 | 17.49330 | .2202164 | .0466329 | .4454697 | 166.1898 |
| #3 | .0092659 | .0072088 | 17.52946 | .2207408 | .0466449 | .4478897 | 165.0045 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.148272 | 11.68406 | .1051962 | .0000639 | 1.181958 | .3006277 | 1.699269 |
| Stddev | .005879 | .09478 | .0004954 | .0002982 | .003438 | .0009468 | .017851 |
| %RSD | .2736767 | .8111866 | .4709482 | 466.6556 | .2908785 | .3149318 | 1.050485 |
| #1 | 2.144237 | 11.59578 | .1055731 | -.000124 | 1.185855 | .2995370 | 1.718366 |
| #2 | 2.145562 | 11.67218 | .1046351 | .000408 | 1.180669 | .3011078 | 1.683003 |
| #3 | 2.155018 | 11.78422 | .1053806 | -.000092 | 1.179351 | .3012382 | 1.696439 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.433032 | .5207109 | .0044110 | .0179130 | 1.186883 | 3.024858 | 9.414204 |
| Stddev | .026368 | .0025630 | .0001870 | .0007958 | .002859 | .016626 | .011475 |
| %RSD | .4853226 | .4922112 | 4.239803 | 4.442448 | .2408894 | .5496530 | .1218946 |
| #1 | 5.460834 | .5221035 | .0046168 | .0170813 | 1.189408 | 3.037187 | 9.426034 |
| #2 | 5.429879 | .5222761 | .0042515 | .0186672 | 1.187462 | 3.031439 | 9.413459 |
| #3 | 5.408382 | .5177531 | .0043647 | .0179905 | 1.183778 | 3.005949 | 9.403119 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01 Acquired: 5/1/2025 16:59:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.623931 | .1179317 | -.050901 |
| Stddev | .003451 | .0014814 | .000674 |
| %RSD | .2124857 | 1.256149 | 1.324046 |
| | | | |
| #1 | 1.627175 | .1177077 | -.051435 |
| #2 | 1.620306 | .1165751 | -.051126 |
| #3 | 1.624311 | .1195124 | -.050144 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3467.221 | 78187.34 | 10886.16 | 3177.484 | 4814.035 |
| Stddev | 6.068 | 258.09 | 45.38 | 16.204 | 10.862 |
| %RSD | .1750184 | .3300967 | .4168519 | .5099492 | .2256236 |
| | | | | | |
| #1 | 3465.582 | 77901.59 | 10918.07 | 3158.880 | 4816.084 |
| #2 | 3473.940 | 78256.90 | 10906.20 | 3185.058 | 4823.727 |
| #3 | 3462.140 | 78403.52 | 10834.21 | 3188.514 | 4802.295 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV03 Acquired: 5/1/2025 17:03:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.040658 | 5.140151 | 5.007271 | 5.056661 | 5.040408 | 9.801566 | 9.954839 |
| Stddev | .016350 | .072154 | .007540 | .019921 | .020120 | .029520 | .115932 |
| %RSD | .3243559 | 1.403741 | .1505835 | .3939520 | .3991669 | .3011806 | 1.164579 |
| #1 | 5.028099 | 5.066918 | 5.014824 | 5.034803 | 5.017990 | 9.833002 | 10.07829 |
| #2 | 5.034729 | 5.211176 | 5.007247 | 5.061384 | 5.046339 | 9.797262 | 9.93794 |
| #3 | 5.059144 | 5.142359 | 4.999744 | 5.073796 | 5.056895 | 9.774434 | 9.84828 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2277257 | 2.508453 | 24.44469 | .9877434 | 2.496454 | 1.270653 | 5.236900 |
| Stddev | .0007489 | .003151 | .04057 | .0029690 | .002613 | .001983 | .055782 |
| %RSD | .3288465 | .1256269 | .1659741 | .3005818 | .1046577 | .1560891 | 1.065175 |
| #1 | .2268622 | 2.506855 | 24.49107 | .9873217 | 2.496481 | 1.268986 | 5.300039 |
| #2 | .2281971 | 2.506422 | 24.42720 | .9909007 | 2.493829 | 1.270127 | 5.216367 |
| #3 | .2281178 | 2.512084 | 24.41580 | .9850079 | 2.499054 | 1.272846 | 5.194295 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.442892 | 24.15775 | 2.503203 | 1.217747 | 25.27061 | 2.467669 | 2.464553 |
| Stddev | .005765 | .08576 | .002252 | .001667 | .12127 | .005329 | .006164 |
| %RSD | .2360115 | .3550177 | .0899664 | .1368627 | .4798927 | .2159552 | .2501236 |
| #1 | 2.449534 | 24.25612 | 2.504015 | 1.219537 | 25.39194 | 2.473822 | 2.465769 |
| #2 | 2.439955 | 24.09865 | 2.500658 | 1.217462 | 25.27049 | 2.464540 | 2.470019 |
| #3 | 2.439186 | 24.11848 | 2.504936 | 1.216241 | 25.14939 | 2.464644 | 2.457871 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.57306 | 4.553956 | 5.055908 | 5.016308 | 4.940824 | 5.030529 | 5.011677 |
| Stddev | .11210 | .007924 | .016983 | .011884 | .012356 | .028149 | .017829 |
| %RSD | .4383571 | .1740083 | .3359102 | .2369153 | .2500700 | .5595704 | .3557570 |
| #1 | 25.67374 | 4.547966 | 5.036304 | 5.002644 | 4.954943 | 5.062931 | 4.999640 |
| #2 | 25.59318 | 4.550961 | 5.066143 | 5.022038 | 4.935535 | 5.016567 | 5.032160 |
| #3 | 25.45226 | 4.562941 | 5.065279 | 5.024241 | 4.931993 | 5.012091 | 5.003231 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV03 Acquired: 5/1/2025 17:03:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.008534 | 4.780391 | 4.976784 |
| Stddev | .023112 | .006132 | .021594 |
| %RSD | .4614516 | .1282672 | .4339002 |
| | | | |
| #1 | 5.000388 | 4.786055 | 4.967038 |
| #2 | 5.034616 | 4.781236 | 4.961782 |
| #3 | 4.990598 | 4.773880 | 5.001534 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3145.592 | 74252.23 | 11188.96 | 2955.040 | 4696.443 |
| Stddev | 6.807 | 110.80 | 18.26 | 6.690 | 10.831 |
| %RSD | .2163961 | .1492234 | .1631623 | .2263978 | .2306237 |
| | | | | | |
| #1 | 3145.572 | 74168.83 | 11210.03 | 2959.070 | 4688.632 |
| #2 | 3138.796 | 74209.89 | 11177.81 | 2947.318 | 4691.891 |
| #3 | 3152.409 | 74377.95 | 11179.04 | 2958.733 | 4708.808 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB03 Acquired: 5/1/2025 17:07:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0013930 | .0008312 | .0031389 | .0007963 | -.002190 | -.000859 | -.001234 |
| Stddev | .0025227 | .0012682 | .0010146 | .0028296 | .000860 | .003110 | .001143 |
| %RSD | 181.0960 | 152.5757 | 32.32293 | 355.3478 | 39.28755 | 361.9212 | 92.68068 |
| #1 | .0001810 | .0021856 | .0043022 | .0022383 | -.002201 | .002595 | -.000221 |
| #2 | -.000295 | -.000328 | .0026777 | -.002464 | -.003044 | -.003436 | -.001006 |
| #3 | .004293 | .000636 | .0024369 | .002614 | -.001324 | -.001737 | -.002474 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001353 | .0008752 | .0150256 | .0005005 | .0007817 | .0000762 | .0229115 |
| Stddev | .0000204 | .0002218 | .0085683 | .0003622 | .0001607 | .0001426 | .0019554 |
| %RSD | 15.04340 | 25.33724 | 57.02471 | 72.36943 | 20.55961 | 187.1338 | 8.534775 |
| #1 | .0001527 | .0011003 | .0181495 | .0005831 | .0008501 | .0002288 | .0209981 |
| #2 | .0001129 | .0006570 | .0053337 | .0001041 | .0008968 | -.000054 | .0249064 |
| #3 | .0001404 | .0008684 | .0215937 | .0008143 | .0005981 | .000053 | .0228300 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005226 | .0236119 | .0009805 | .0003539 | -.038719 | -.000339 | .0002622 |
| Stddev | .0003802 | .0042085 | .0005641 | .0003034 | .017060 | .001567 | .0001543 |
| %RSD | 72.75249 | 17.82360 | 57.53121 | 85.73456 | 44.06112 | 461.8997 | 58.85380 |
| #1 | .0001268 | .0212828 | .0016084 | .0006800 | -.021284 | -.001452 | .0004343 |
| #2 | .0005559 | .0210828 | .0008163 | .0000800 | -.039495 | -.001018 | .0002162 |
| #3 | .0008851 | .0284701 | .0005167 | .0003016 | -.055377 | .001452 | .0001362 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0654450 | .0066134 | .0016920 | .0055185 | .0018837 | .0040171 | .0082077 |
| Stddev | .0234719 | .0008581 | .0002903 | .0005240 | .0004767 | .0094401 | .0010004 |
| %RSD | 35.86516 | 12.97541 | 17.15836 | 9.495006 | 25.30449 | 234.9944 | 12.18884 |
| #1 | .0465359 | .0070906 | .0019894 | .0057888 | .0013359 | -.005478 | .0070599 |
| #2 | .0580838 | .0056227 | .0016774 | .0058521 | .0021113 | .013401 | .0086689 |
| #3 | .0917152 | .0071268 | .0014093 | .0049145 | .0022038 | .004129 | .0088944 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB03 Acquired: 5/1/2025 17:07:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001773 | -.002009 | .0014798 |
| Stddev | .001486 | .000639 | .0001618 |
| %RSD | 83.83232 | 31.81455 | 10.93132 |
| | | | |
| #1 | -.001889 | -.002733 | .0015428 |
| #2 | -.003198 | -.001525 | .0012960 |
| #3 | -.000232 | -.001768 | .0016005 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3254.975 | 74647.74 | 10809.34 | 3015.777 | 5012.298 |
| Stddev | 3.427 | 339.08 | 72.97 | 9.926 | 2.364 |
| %RSD | .1052894 | .4542445 | .6750687 | .3291358 | .0471572 |
| | | | | | |
| #1 | 3252.138 | 74459.39 | 10739.42 | 3011.539 | 5011.539 |
| #2 | 3254.005 | 75039.19 | 10803.57 | 3027.119 | 5010.408 |
| #3 | 3258.783 | 74444.65 | 10885.02 | 3008.674 | 5014.948 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01DUP Acquired: 5/1/2025 17:11:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .6611198 | .0038330 | 4.010328 | .0208575 | -.000109 | 68.09388 | .5026671 |
| Stddev | .0071106 | .0013288 | .030967 | .0022272 | .000382 | .12771 | .0029692 |
| %RSD | 1.075541 | 34.66866 | .7721762 | 10.67815 | 350.2711 | .1875565 | .5906873 |
| #1 | .6569808 | .0051977 | 3.990225 | .0234289 | -.000079 | 68.21744 | .5042808 |
| #2 | .6570481 | .0037580 | 3.994770 | .0195323 | .000257 | 68.10182 | .5044800 |
| #3 | .6693303 | .0025432 | 4.045989 | .0196114 | -.000505 | 67.96238 | .4992405 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0081668 | .0076563 | 14.29530 | .2110783 | .0435018 | .4653970 | 149.2855 |
| Stddev | .0000964 | .0003283 | .05935 | .0010184 | .0002650 | .0044334 | .3631 |
| %RSD | 1.180720 | 4.287581 | .4151673 | .4824696 | .6091138 | .9526108 | .2432203 |
| #1 | .0082778 | .0074341 | 14.33502 | .2103869 | .0432429 | .4638090 | 149.5673 |
| #2 | .0081186 | .0075015 | 14.32379 | .2122478 | .0434899 | .4619763 | 149.4136 |
| #3 | .0081040 | .0080333 | 14.22707 | .2106002 | .0437725 | .4704058 | 148.8758 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.009030 | 10.56863 | .1016759 | .0013677 | .9974678 | .2733439 | 1.822813 |
| Stddev | .007284 | .04274 | .0014292 | .0002838 | .0057014 | .0010888 | .000900 |
| %RSD | .3625730 | .4043624 | 1.405654 | 20.75342 | .5715834 | .3983073 | .0493553 |
| #1 | 2.016992 | 10.58544 | .1005958 | .0013673 | 1.003679 | .2742424 | 1.821781 |
| #2 | 2.007399 | 10.60040 | .1011353 | .0016518 | .992473 | .2736562 | 1.823230 |
| #3 | 2.002699 | 10.52004 | .1032965 | .0010841 | .996251 | .2721332 | 1.823429 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.856092 | .4802034 | .0038797 | .0201660 | 1.104644 | 3.501565 | 8.577178 |
| Stddev | .014562 | .0013714 | .0001998 | .0015222 | .005595 | .025446 | .057312 |
| %RSD | .2998725 | .2855918 | 5.149494 | 7.548265 | .5065106 | .7266943 | .6681879 |
| #1 | 4.852548 | .4817334 | .0038928 | .0198970 | 1.109891 | 3.477335 | 8.534738 |
| #2 | 4.843628 | .4790848 | .0040726 | .0218048 | 1.105284 | 3.499285 | 8.554424 |
| #3 | 4.872098 | .4797918 | .0036737 | .0187963 | 1.098756 | 3.528073 | 8.642373 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01DUP Acquired: 5/1/2025 17:11:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.677341 | .1043474 | -.052959 |
| Stddev | .012673 | .0000456 | .000352 |
| %RSD | .7555559 | .0436665 | .6641858 |
| | | | |
| #1 | 1.663010 | .1043850 | -.052740 |
| #2 | 1.681940 | .1042967 | -.053364 |
| #3 | 1.687072 | .1043606 | -.052772 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3313.379 | 76921.05 | 11229.62 | 3113.075 | 4612.830 |
| Stddev | 21.953 | 138.39 | 26.65 | 8.619 | 35.799 |
| %RSD | .6625513 | .1799088 | .2373375 | .2768690 | .7760814 |
| | | | | | |
| #1 | 3329.317 | 76948.03 | 11199.64 | 3113.467 | 4643.902 |
| #2 | 3322.481 | 76771.16 | 11238.59 | 3104.266 | 4620.906 |
| #3 | 3288.339 | 77043.96 | 11250.62 | 3121.491 | 4573.683 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01LX5 Acquired: 5/1/2025 17:15:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .1401592 | .0015744 | .7932269 | .0051922 | -.004214 | 16.58705 | .1140574 |
| Stddev | .0047062 | .0015622 | .0037782 | .0019854 | .000876 | .06532 | .0000824 |
| %RSD | 3.357750 | 99.22415 | .4763127 | 38.23750 | 20.79878 | .3938195 | .0722485 |
| #1 | .1452863 | .0033715 | .7931488 | .0045115 | -.003574 | 16.64423 | .1140917 |
| #2 | .1391555 | .0008116 | .7894882 | .0074284 | -.005213 | 16.60105 | .1139634 |
| #3 | .1360359 | .0005402 | .7970435 | .0036368 | -.003854 | 16.51586 | .1141171 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018623 | .0000285 | 3.744717 | .0465623 | .0086961 | .0939738 | 37.95407 |
| Stddev | .0000569 | .0000310 | .008168 | .0003876 | .0001705 | .0005798 | .09052 |
| %RSD | 3.056282 | 108.5404 | .2181174 | .8323498 | 1.960088 | .6169830 | .2385089 |
| #1 | .0018864 | .0000476 | 3.748482 | .0463048 | .0086340 | .0944104 | 37.93301 |
| #2 | .0019032 | .0000452 | 3.735345 | .0463740 | .0088890 | .0933159 | 38.05327 |
| #3 | .0017973 | -.000007 | 3.750323 | .0470080 | .0085655 | .0941949 | 37.87594 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4560806 | 2.427543 | .0204102 | .0004804 | .2394096 | .0630379 | .3585258 |
| Stddev | .0006006 | .002903 | .0003951 | .0003576 | .0094719 | .0011594 | .0003775 |
| %RSD | .1316795 | .1195724 | 1.935881 | 74.43334 | 3.956361 | 1.839170 | .1052865 |
| #1 | .4558931 | 2.430453 | .0200859 | .0003972 | .2407521 | .0633121 | .3586040 |
| #2 | .4567525 | 2.427528 | .0202945 | .0001718 | .2293380 | .0640356 | .3588581 |
| #3 | .4555961 | 2.424648 | .0208503 | .0008723 | .2481386 | .0617660 | .3581154 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.232580 | .1243576 | -.000141 | .0170322 | .2482403 | .6621938 | 1.931941 |
| Stddev | .044980 | .0009020 | .000113 | .0010841 | .0007259 | .0090250 | .007691 |
| %RSD | 3.649290 | .7253019 | 80.56986 | 6.364782 | .2924093 | 1.362897 | .3981196 |
| #1 | 1.182816 | .1241663 | -.000234 | .0178427 | .2480755 | .6693575 | 1.932706 |
| #2 | 1.244581 | .1253398 | -.000014 | .0174531 | .2490345 | .6520574 | 1.939221 |
| #3 | 1.270343 | .1235666 | -.000174 | .0158008 | .2476111 | .6651664 | 1.923896 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01LX5 Acquired: 5/1/2025 17:15:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .3239717 | .0229805 | -.012847 |
| Stddev | .0035085 | .0003612 | .000130 |
| %RSD | 1.082951 | 1.571912 | 1.015491 |
| | | | |
| #1 | .3267802 | .0226402 | -.012783 |
| #2 | .3200389 | .0229418 | -.012997 |
| #3 | .3250960 | .0233596 | -.012760 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3195.920 | 73346.05 | 10997.00 | 2985.703 | 4781.420 |
| Stddev | 2.704 | 148.72 | 22.01 | 5.538 | 8.189 |
| %RSD | .0845961 | .2027665 | .2001723 | .1854933 | .1712656 |
| | | | | | |
| #1 | 3198.839 | 73420.41 | 10972.52 | 2990.134 | 4786.450 |
| #2 | 3193.501 | 73174.82 | 11003.32 | 2987.480 | 4785.839 |
| #3 | 3195.420 | 73442.93 | 11015.17 | 2979.494 | 4771.971 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01MS Acquired: 5/1/2025 17:20:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.569897 | 2.025354 | 5.739551 | 1.754923 | .3905154 | 90.63741 | .8017395 |
| Stddev | .002074 | .007034 | .002269 | .008021 | .0034311 | .08741 | .0014870 |
| %RSD | .1321123 | .3472968 | .0395347 | .4570664 | .8786095 | .0964360 | .1854708 |
| #1 | 1.568085 | 2.033435 | 5.739435 | 1.745690 | .3879270 | 90.73435 | .8000450 |
| #2 | 1.572159 | 2.020607 | 5.741875 | 1.758905 | .3944072 | 90.61325 | .8023467 |
| #3 | 1.569447 | 2.022020 | 5.737341 | 1.760174 | .3892120 | 90.56462 | .8028268 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1777527 | .2051862 | 16.22812 | .6174927 | .2465687 | .7335398 | 209.8827 |
| Stddev | .0007236 | .0003846 | .02580 | .0012019 | .0003191 | .0008784 | 1.1952 |
| %RSD | .4070858 | .1874294 | .1589781 | .1946415 | .1293993 | .1197488 | .5694636 |
| #1 | .1782733 | .2054423 | 16.19890 | .6161933 | .2468829 | .7345143 | 208.5647 |
| #2 | .1780584 | .2047440 | 16.24773 | .6185645 | .2462450 | .7328089 | 210.1870 |
| #3 | .1769264 | .2053723 | 16.23774 | .6177204 | .2465783 | .7332962 | 210.8963 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.507157 | 13.87093 | .6151105 | .0728228 | 3.802381 | .5677739 | 2.146847 |
| Stddev | .004798 | .04732 | .0004013 | .0005187 | .019407 | .0011514 | .004067 |
| %RSD | .1913755 | .3411653 | .0652370 | .7122217 | .5103894 | .2027876 | .1894177 |
| #1 | 2.512600 | 13.84503 | .6154767 | .0729282 | 3.781087 | .5680503 | 2.143012 |
| #2 | 2.505332 | 13.84220 | .6146816 | .0722595 | 3.806980 | .5687619 | 2.151111 |
| #3 | 2.503539 | 13.92555 | .6151734 | .0732806 | 3.819075 | .5665095 | 2.146416 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.16207 | .9064283 | .3725434 | .7028559 | 1.329923 | 5.503877 | 15.19329 |
| Stddev | .08104 | .0041316 | .0012163 | .0025602 | .002925 | .024385 | .01553 |
| %RSD | .5014141 | .4558069 | .3264713 | .3642599 | .2199038 | .4430549 | .1021852 |
| #1 | 16.06894 | .9016656 | .3719904 | .7023129 | 1.332789 | 5.487889 | 15.21073 |
| #2 | 16.20075 | .9085710 | .3739379 | .7006107 | 1.326943 | 5.491799 | 15.18097 |
| #3 | 16.21653 | .9090484 | .3717019 | .7056441 | 1.330034 | 5.531944 | 15.18817 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01MS Acquired: 5/1/2025 17:20:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.506569 | .3309413 | .0754479 |
| Stddev | .006096 | .0020940 | .0010903 |
| %RSD | .4046502 | .6327531 | 1.445159 |
| #1 | 1.509996 | .3304506 | .0766142 |
| #2 | 1.510180 | .3291361 | .0752754 |
| #3 | 1.499530 | .3332371 | .0744541 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3417.874 | 77496.38 | 11967.01 | 3154.423 | 4681.690 |
| Stddev | 4.749 | 286.46 | 37.12 | 15.219 | 7.799 |
| %RSD | .1389568 | .3696415 | .3101934 | .4824799 | .1665925 |
| #1 | 3412.585 | 77817.75 | 11937.11 | 3170.224 | 4673.143 |
| #2 | 3419.263 | 77267.87 | 11955.35 | 3139.860 | 4688.422 |
| #3 | 3421.774 | 77403.52 | 12008.56 | 3153.187 | 4683.505 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01MSD Acquired: 5/1/2025 17:24:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.551844 | 2.038961 | 5.666271 | 1.795292 | .4055011 | 88.06150 | .7635152 |
| Stddev | .004681 | .017416 | .008583 | .009342 | .0012553 | .09028 | .0024618 |
| %RSD | .3016655 | .8541522 | .1514784 | .5203858 | .3095582 | .1025170 | .3224239 |
| #1 | 1.557250 | 2.029242 | 5.675955 | 1.805872 | .4057728 | 87.96109 | .7642300 |
| #2 | 1.549174 | 2.028574 | 5.663253 | 1.791829 | .4041322 | 88.13595 | .7607752 |
| #3 | 1.549109 | 2.059067 | 5.659604 | 1.788176 | .4065982 | 88.08747 | .7655405 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1861005 | .2102252 | 15.64100 | .6214860 | .2474426 | .7524290 | 174.3940 |
| Stddev | .0011492 | .0001739 | .00251 | .0015864 | .0003642 | .0008634 | 1.5388 |
| %RSD | .6175297 | .0827303 | .0160254 | .2552511 | .1471919 | .1147534 | .8823868 |
| #1 | .1847760 | .2100366 | 15.64009 | .6222452 | .2476391 | .7521594 | 176.1637 |
| #2 | .1868337 | .2102597 | 15.64383 | .6225500 | .2476663 | .7533951 | 173.3712 |
| #3 | .1866918 | .2103793 | 15.63907 | .6196627 | .2470223 | .7517325 | 173.6471 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.431811 | 13.95559 | .6265843 | .0712268 | 3.673183 | .5585223 | 2.298025 |
| Stddev | .007947 | .04659 | .0001997 | .0003299 | .024646 | .0015294 | .012829 |
| %RSD | .3268076 | .3338286 | .0318693 | .4631151 | .6709622 | .2738308 | .5582691 |
| #1 | 2.440493 | 13.91820 | .6268114 | .0715126 | 3.701054 | .5567724 | 2.286135 |
| #2 | 2.424895 | 13.94078 | .6264363 | .0713019 | 3.654265 | .5596033 | 2.296318 |
| #3 | 2.430046 | 14.00778 | .6265053 | .0708659 | 3.664231 | .5591912 | 2.311623 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.64508 | .8007968 | .3777207 | .7186005 | 1.328591 | 5.137126 | 15.64410 |
| Stddev | .08921 | .0046256 | .0003774 | .0004722 | .001923 | .037353 | .01302 |
| %RSD | .5701799 | .5776201 | .0999183 | .0657099 | .1447052 | .7271111 | .0832384 |
| #1 | 15.74807 | .8060683 | .3781558 | .7190161 | 1.330811 | 5.179008 | 15.65873 |
| #2 | 15.59514 | .7974162 | .3775253 | .7180870 | 1.327533 | 5.107260 | 15.63376 |
| #3 | 15.59203 | .7989061 | .3774811 | .7186983 | 1.327430 | 5.125112 | 15.63983 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01MSD Acquired: 5/1/2025 17:24:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.568688 | .3190327 | .1059023 |
| Stddev | .007568 | .0018393 | .0007465 |
| %RSD | .4824407 | .5765100 | .7048976 |
| #1 | 1.559949 | .3205218 | .1050503 |
| #2 | 1.573118 | .3169768 | .1064415 |
| #3 | 1.572995 | .3195995 | .1062151 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3329.776 | 76416.37 | 11372.40 | 3133.459 | 4545.517 |
| Stddev | 5.497 | 172.83 | 45.32 | 11.083 | 2.635 |
| %RSD | .1650830 | .2261704 | .3985228 | .3536980 | .0579612 |
| #1 | 3323.776 | 76218.52 | 11424.73 | 3129.327 | 4543.802 |
| #2 | 3330.985 | 76492.66 | 11346.88 | 3146.014 | 4548.550 |
| #3 | 3334.568 | 76537.93 | 11345.60 | 3125.035 | 4544.197 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01A Acquired: 5/1/2025 17:28:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.377816 | 1.983850 | 4.852655 | 1.797397 | .7232196 | 76.19533 | .6992080 |
| Stddev | .001245 | .019823 | .002306 | .001451 | .0020067 | .20317 | .0004736 |
| %RSD | .0903488 | .9991941 | .0475146 | .0807222 | .2774736 | .2666482 | .0677373 |
| #1 | 1.377261 | 1.962050 | 4.851526 | 1.797734 | .7244946 | 76.42010 | .6997546 |
| #2 | 1.376945 | 2.000791 | 4.855308 | 1.795807 | .7209065 | 76.14117 | .6989495 |
| #3 | 1.379242 | 1.988709 | 4.851131 | 1.798649 | .7242578 | 76.02473 | .6989198 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1790608 | .2007231 | 17.04112 | .5623664 | .2354794 | .7097478 | 165.7691 |
| Stddev | .0006878 | .0002460 | .04641 | .0012713 | .0007158 | .0006333 | .5603 |
| %RSD | .3841077 | .1225815 | .2723192 | .2260571 | .3039650 | .0892343 | .3379942 |
| #1 | .1788036 | .2010028 | 17.09462 | .5624246 | .2361462 | .7096801 | 166.1627 |
| #2 | .1785388 | .2006265 | 17.01179 | .5636075 | .2355688 | .7091510 | 166.0170 |
| #3 | .1798402 | .2005400 | 17.01694 | .5610670 | .2347231 | .7104123 | 165.1276 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.240657 | 12.73242 | .5802719 | .0668323 | 3.666533 | .5418371 | 1.872820 |
| Stddev | .006937 | .05291 | .0007030 | .0006903 | .029538 | .0015880 | .003082 |
| %RSD | .3095998 | .4155370 | .1211592 | 1.032894 | .8056042 | .2930818 | .1645874 |
| #1 | 2.247151 | 12.71390 | .5809343 | .0670473 | 3.671561 | .5419809 | 1.870511 |
| #2 | 2.233349 | 12.69126 | .5795342 | .0673895 | 3.693235 | .5401821 | 1.876320 |
| #3 | 2.241471 | 12.79210 | .5803471 | .0660601 | 3.634804 | .5433483 | 1.871628 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.79690 | .7846121 | .3693311 | .6987053 | 1.325966 | 4.298104 | 14.98298 |
| Stddev | .09960 | .0039918 | .0004580 | .0029653 | .001312 | .016846 | .02860 |
| %RSD | .7219255 | .5087645 | .1240056 | .4243947 | .0989461 | .3919395 | .1908880 |
| #1 | 13.84668 | .7892213 | .3695353 | .6960399 | 1.326592 | 4.305947 | 14.95143 |
| #2 | 13.86180 | .7822745 | .3688066 | .6981766 | 1.324458 | 4.309598 | 15.00720 |
| #3 | 13.68222 | .7823406 | .3696515 | .7018993 | 1.326847 | 4.278767 | 14.99031 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1910-01A Acquired: 5/1/2025 17:28:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.663841 | .2904858 | .1136515 |
| Stddev | .008484 | .0022785 | .0006478 |
| %RSD | .5098850 | .7843711 | .5700229 |
| #1 | 1.657614 | .2907774 | .1143838 |
| #2 | 1.660405 | .2926045 | .1131530 |
| #3 | 1.673504 | .2880756 | .1134178 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3340.598 | 77974.49 | 11325.78 | 3165.029 | 4603.894 |
| Stddev | 4.949 | 121.92 | 56.24 | 7.912 | 8.438 |
| %RSD | .1481540 | .1563566 | .4965330 | .2499711 | .1832746 |
| #1 | 3338.931 | 77871.95 | 11312.56 | 3159.114 | 4601.374 |
| #2 | 3346.165 | 77942.23 | 11387.45 | 3161.958 | 4613.304 |
| #3 | 3336.697 | 78109.30 | 11277.33 | 3174.016 | 4597.003 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-01 Acquired: 5/1/2025 17:32:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0283955 | .0086307 | .1364647 | .0269746 | -.006956 | 90.73314 | .9112183 |
| Stddev | .0019847 | .0031130 | .0021394 | .0064907 | .001831 | .16801 | .0053609 |
| %RSD | 6.989537 | 36.06893 | 1.567748 | 24.06237 | 26.32127 | .1851712 | .5883276 |
| #1 | .0280813 | .0101587 | .1384553 | .0237226 | -.005332 | 90.83880 | .9166595 |
| #2 | .0305185 | .0106845 | .1367363 | .0227527 | -.006595 | 90.82121 | .9110540 |
| #3 | .0265866 | .0050490 | .1342024 | .0344485 | -.008940 | 90.53940 | .9059413 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0106509 | -.003177 | 22.14216 | .1968027 | .1223953 | .4201790 | 214.9771 |
| Stddev | .0001333 | .000105 | .03249 | .0003137 | .0005244 | .0014469 | .5707 |
| %RSD | 1.252010 | 3.315718 | .1467168 | .1593818 | .4284747 | .3443471 | .2654471 |
| #1 | .0105672 | -.003274 | 22.16830 | .1964660 | .1229862 | .4213822 | 215.6350 |
| #2 | .0105809 | -.003192 | 22.15240 | .1968556 | .1222147 | .4185736 | 214.6803 |
| #3 | .0108047 | -.003065 | 22.10579 | .1970866 | .1219850 | .4205812 | 214.6161 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.033626 | 56.05888 | .2536032 | -.001386 | 6.456829 | .2675996 | .5692577 |
| Stddev | .020333 | .12224 | .0001912 | .000527 | .031748 | .0009006 | .0012133 |
| %RSD | .2890885 | .2180652 | .0754108 | 38.03600 | .4916905 | .3365595 | .2131431 |
| #1 | 7.056917 | 55.98953 | .2535523 | -.000789 | 6.481615 | .2682358 | .5690381 |
| #2 | 7.019414 | 55.98708 | .2534425 | -.001579 | 6.467828 | .2679940 | .5705659 |
| #3 | 7.024545 | 56.20003 | .2538147 | -.001789 | 6.421045 | .2665690 | .5681692 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.62391 | .7021081 | .0029287 | -.001166 | 2.647596 | 1.490530 | 7.321605 |
| Stddev | .06726 | .0026914 | .0004961 | .000735 | .005134 | .003753 | .046456 |
| %RSD | .4046043 | .3833348 | 16.93921 | 63.03007 | .1939217 | .2518137 | .6345080 |
| #1 | 16.68144 | .7050677 | .0034372 | -.000317 | 2.652861 | 1.494711 | 7.367249 |
| #2 | 16.64034 | .6998072 | .0029028 | -.001579 | 2.647324 | 1.489429 | 7.323189 |
| #3 | 16.54996 | .7014494 | .0024460 | -.001600 | 2.642604 | 1.487451 | 7.274377 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-01 Acquired: 5/1/2025 17:32:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .2317588 | .3532812 | -.090792 |
| Stddev | .0066928 | .0017113 | .000412 |
| %RSD | 2.887843 | .4843871 | .4535266 |
| | | | |
| #1 | .2278884 | .3544577 | -.090779 |
| #2 | .2394870 | .3540677 | -.090387 |
| #3 | .2279009 | .3513181 | -.091210 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3467.583 | 79838.01 | 10866.00 | 3201.863 | 4584.901 |
| Stddev | 7.465 | 119.14 | 12.72 | 5.876 | 8.675 |
| %RSD | .2152846 | .1492276 | .1170589 | .1835335 | .1892137 |
| | | | | | |
| #1 | 3467.453 | 79875.70 | 10871.01 | 3204.711 | 4583.539 |
| #2 | 3475.112 | 79933.74 | 10875.45 | 3205.773 | 4594.176 |
| #3 | 3460.184 | 79704.58 | 10851.54 | 3195.105 | 4576.987 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-05 Acquired: 5/1/2025 17:36:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0303780 | .0138172 | .1745227 | .0457991 | -.008643 | 126.4165 | 1.264752 |
| Stddev | .0012759 | .0021043 | .0005895 | .0071416 | .000798 | .0184 | .001740 |
| %RSD | 4.200082 | 15.22926 | .3377860 | 15.59328 | 9.229996 | .0145621 | .1375912 |
| #1 | .0301313 | .0113917 | .1740983 | .0399482 | -.009373 | 126.4171 | 1.264307 |
| #2 | .0292435 | .0151540 | .1751958 | .0436919 | -.007792 | 126.4346 | 1.266672 |
| #3 | .0317593 | .0149061 | .1742740 | .0537572 | -.008765 | 126.3978 | 1.263278 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0111355 | -.009677 | 29.80300 | .2440488 | .1543083 | .6497811 | 299.7043 |
| Stddev | .0000481 | .000223 | .05475 | .0012213 | .0007003 | .0007361 | .8009 |
| %RSD | .4316715 | 2.303718 | .1837095 | .5004361 | .4537983 | .1132825 | .2672177 |
| #1 | .0110943 | -.009428 | 29.78634 | .2442469 | .1550624 | .6490806 | 299.3760 |
| #2 | .0111883 | -.009742 | 29.75851 | .2451589 | .1541839 | .6505483 | 300.6172 |
| #3 | .0111239 | -.009860 | 29.86414 | .2427406 | .1536786 | .6497145 | 299.1198 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.60850 | 71.97241 | .3298668 | .0050650 | 7.391023 | .3299742 | .7127176 |
| Stddev | .01313 | .10099 | .0014912 | .0001807 | .035512 | .0010222 | .0034519 |
| %RSD | .1237721 | .1403225 | .4520487 | 3.567263 | .4804726 | .3097826 | .4843275 |
| #1 | 10.60160 | 71.91748 | .3300212 | .0052487 | 7.384739 | .3287959 | .7148787 |
| #2 | 10.60025 | 71.91080 | .3312748 | .0050589 | 7.429258 | .3305038 | .7087366 |
| #3 | 10.62364 | 72.08897 | .3283045 | .0048875 | 7.359073 | .3306230 | .7145375 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.96289 | 1.027961 | .0042216 | -.000465 | 3.604398 | 2.112364 | 7.686264 |
| Stddev | .10791 | .002744 | .0003041 | .001063 | .003983 | .013927 | .020087 |
| %RSD | .4699313 | .2669097 | 7.204773 | 228.6370 | .1105094 | .6593322 | .2613316 |
| #1 | 22.96309 | 1.027166 | .0038730 | -.000658 | 3.606910 | 2.096302 | 7.697679 |
| #2 | 23.07070 | 1.031014 | .0044333 | -.001418 | 3.606480 | 2.121084 | 7.698042 |
| #3 | 22.85488 | 1.025703 | .0043584 | .000681 | 3.599806 | 2.119706 | 7.663071 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-05 Acquired: 5/1/2025 17:36:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5703602 | .4638701 | -.147294 |
| Stddev | .0001978 | .0020723 | .000757 |
| %RSD | .0346771 | .4467347 | .5137968 |
| | | | |
| #1 | .5701550 | .4615540 | -.146852 |
| #2 | .5703761 | .4655490 | -.148167 |
| #3 | .5705496 | .4645071 | -.146862 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3503.173 | 79424.64 | 12605.22 | 3212.389 | 4521.520 |
| Stddev | 7.746 | 206.63 | 30.01 | 7.616 | 12.994 |
| %RSD | .2211181 | .2601565 | .2380911 | .2370750 | .2873919 |
| | | | | | |
| #1 | 3497.394 | 79617.72 | 12616.10 | 3203.655 | 4510.196 |
| #2 | 3500.151 | 79206.71 | 12628.27 | 3215.864 | 4518.656 |
| #3 | 3511.975 | 79449.50 | 12571.29 | 3217.647 | 4535.707 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1890-01 Acquired: 5/1/2025 17:40:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.002097 | -.004003 | .1868954 | .0011171 | -.004319 | 4.279314 |
| Stddev | .002630 | .001647 | .0046044 | .0043658 | .001622 | .015247 |
| %RSD | 125.4294 | 41.15151 | 2.463646 | 390.8004 | 37.55725 | .3562953 |
| | | | | | | |
| #1 | -.004908 | -.003233 | .1921559 | .0009665 | -.003447 | 4.266668 |
| #2 | -.001688 | -.005894 | .1849331 | .0055563 | -.006190 | 4.296245 |
| #3 | .000305 | -.002881 | .1835971 | -.003171 | -.003320 | 4.275030 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1096145 | -.000089 | -.000571 | 338.4258 | .2280793 | .0021949 |
| Stddev | .0024516 | .000022 | .000041 | 2.4303 | .0025203 | .0004221 |
| %RSD | 2.236557 | 24.44162 | 7.132430 | .7181296 | 1.105009 | 19.23109 |
| | | | | | | |
| #1 | .1123908 | -.000093 | -.000554 | 340.9683 | .2308287 | .0020976 |
| #2 | .1087050 | -.000109 | -.000542 | 338.1834 | .2275307 | .0026571 |
| #3 | .1077476 | -.000066 | -.000618 | 336.1258 | .2258785 | .0018299 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1904796 | 7.594804 | .0179917 | .0975391 | .0337123 | -.000290 |
| Stddev | .0007252 | .028550 | .0006440 | .0199976 | .0004395 | .000301 |
| %RSD | .3807160 | .3759177 | 3.579292 | 20.50217 | 1.303557 | 103.9657 |
| | | | | | | |
| #1 | .1896581 | 7.596716 | .0172570 | .1186345 | .0341253 | -.000074 |
| #2 | .1907497 | 7.622350 | .0182597 | .0788585 | .0332505 | -.000161 |
| #3 | .1910309 | 7.565346 | .0184583 | .0951243 | .0337610 | -.000633 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 166.2474 | .0242126 | .0897988 | 427.5941 | .0395182 | .2693640 |
| Stddev | 1.1992 | .0009939 | .0000858 | 1.3622 | .0006582 | .0012846 |
| %RSD | .7213508 | 4.104842 | .0955102 | .3185816 | 1.665554 | .4769061 |
| | | | | | | |
| #1 | 164.9767 | .0242399 | .0898948 | 426.0702 | .0402619 | .2688635 |
| #2 | 166.4064 | .0251926 | .0897719 | 428.0183 | .0392821 | .2684050 |
| #3 | 167.3593 | .0232054 | .0897297 | 428.6937 | .0390107 | .2708236 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1890-01 Acquired: 5/1/2025 17:40:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006411 | -.008289 | 11.50914 | .0697906 | F 348.4050 | .0464147 |
| Stddev | .000785 | .000974 | .04466 | .0005522 | .4078 | .0004466 |
| %RSD | 12.24625 | 11.74786 | .3879987 | .7911933 | .1170453 | .9621542 |
| #1 | -.007180 | -.008902 | 11.46089 | .0702350 | 348.8694 | .0459510 |
| #2 | -.006442 | -.008799 | 11.54902 | .0691725 | 348.2403 | .0464514 |
| #3 | -.005610 | -.007166 | 11.51751 | .0699644 | 348.1052 | .0468419 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 7.180516 |
| Stddev | .051257 |
| %RSD | .7138389 |
| #1 | 7.239609 |
| #2 | 7.153863 |
| #3 | 7.148077 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2927.890 | 71264.49 | 10017.11 | 2726.641 | 4340.228 |
| Stddev | 7.247 | 717.49 | 171.84 | 4.641 | 32.419 |
| %RSD | .2475142 | 1.006793 | 1.715451 | .1702124 | .7469404 |
| #1 | 2920.249 | 70522.57 | 9830.03 | 2721.701 | 4308.505 |
| #2 | 2928.757 | 71316.14 | 10053.36 | 2727.312 | 4338.878 |
| #3 | 2934.665 | 71954.75 | 10167.92 | 2730.911 | 4373.300 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1896-03 Acquired: 5/1/2025 17:45:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0180621 | -.000680 | .2609784 | .0040975 | -.005235 | 43.46806 |
| Stddev | .0008150 | .001818 | .0011877 | .0024436 | .001160 | .07950 |
| %RSD | 4.512339 | 267.5420 | .4550952 | 59.63747 | 22.15037 | .1828934 |
| #1 | .0185633 | .001408 | .2603675 | .0040327 | -.004616 | 43.52270 |
| #2 | .0171217 | -.001525 | .2602205 | .0016869 | -.006573 | 43.37686 |
| #3 | .0185015 | -.001921 | .2623472 | .0065729 | -.004516 | 43.50463 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2555941 | .0027042 | -.001192 | 58.83172 | .0571035 | .0237435 |
| Stddev | .0006848 | .0000755 | .000076 | .08496 | .0005175 | .0003028 |
| %RSD | .2679141 | 2.790690 | 6.337459 | .1444061 | .9062296 | 1.275326 |
| #1 | .2559238 | .0027604 | -.001186 | 58.88630 | .0572681 | .0240360 |
| #2 | .2548068 | .0027338 | -.001120 | 58.73384 | .0565238 | .0237631 |
| #3 | .2560516 | .0026184 | -.001271 | 58.87503 | .0575187 | .0234313 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1699084 | 52.17651 | 1.074770 | 17.56321 | .0512634 | -.000138 |
| Stddev | .0003158 | .35129 | .004975 | .03708 | .0002006 | .000156 |
| %RSD | .1858892 | .6732734 | .4628621 | .2111184 | .3912984 | 112.9774 |
| #1 | .1701808 | 52.01624 | 1.076179 | 17.52085 | .0514684 | -.000077 |
| #2 | .1699821 | 51.93394 | 1.069243 | 17.57898 | .0510675 | -.000314 |
| #3 | .1695622 | 52.57936 | 1.078889 | 17.58980 | .0512544 | -.000022 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 158.4995 | .0857388 | .3643015 | 11.22261 | .4307564 | .0114433 |
| Stddev | 1.9903 | .0011425 | .0024935 | .13328 | .0032482 | .0004241 |
| %RSD | 1.255721 | 1.332544 | .6844672 | 1.187585 | .7540775 | 3.705812 |
| #1 | 159.2312 | .0846684 | .3671782 | 11.26440 | .4306534 | .0111189 |
| #2 | 156.2469 | .0856061 | .3629675 | 11.07344 | .4275609 | .0112879 |
| #3 | 160.0204 | .0869418 | .3627587 | 11.32998 | .4340549 | .0119232 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1896-03 Acquired: 5/1/2025 17:45:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0051423 | .7790423 | F 21.44824 | 1.842712 | 9.360699 | .0537163 |
| Stddev | .0010229 | .0033522 | .16990 | .010068 | .034797 | .0013452 |
| %RSD | 19.89258 | .4302983 | .7921174 | .5463821 | .3717349 | 2.504348 |
| #1 | .0052790 | .7764469 | 21.32366 | 1.853100 | 9.389508 | .0524601 |
| #2 | .0040578 | .7778529 | 21.37929 | 1.842038 | 9.370549 | .0535530 |
| #3 | .0060899 | .7828270 | 21.64178 | 1.832998 | 9.322038 | .0551357 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5136488 |
| Stddev | .0022088 |
| %RSD | .4300166 |
| #1 | .5151149 |
| #2 | .5111083 |
| #3 | .5147231 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3255.882 | 76466.40 | 11285.65 | 2995.953 | 4638.137 |
| Stddev | 5.758 | 130.46 | 37.06 | 12.843 | 3.457 |
| %RSD | .1768633 | .1706102 | .3283941 | .4286668 | .0745321 |
| #1 | 3262.342 | 76561.73 | 11277.43 | 2984.922 | 4641.760 |
| #2 | 3254.016 | 76519.75 | 11253.39 | 3010.052 | 4637.776 |
| #3 | 3251.287 | 76317.72 | 11326.14 | 2992.886 | 4634.874 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV04 Acquired: 5/1/2025 17:49:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.158288 | 5.129078 | 4.952587 | 5.241654 | 5.210624 | 9.892666 | 9.997965 |
| Stddev | .005794 | .046927 | .005442 | .021294 | .014803 | .013030 | .059305 |
| %RSD | .1123294 | .9149284 | .1098828 | .4062529 | .2840992 | .1317155 | .5931693 |
| #1 | 5.152286 | 5.132820 | 4.956848 | 5.233957 | 5.204321 | 9.906321 | 10.01396 |
| #2 | 5.158727 | 5.174023 | 4.954456 | 5.265727 | 5.227536 | 9.891311 | 9.93230 |
| #3 | 5.163850 | 5.080392 | 4.946456 | 5.225278 | 5.200016 | 9.880367 | 10.04763 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2291008 | 2.470808 | 23.97311 | .9872363 | 2.476990 | 1.286882 | 5.261354 |
| Stddev | .0014376 | .003346 | .07523 | .0048539 | .003587 | .001593 | .006023 |
| %RSD | .6275095 | .1354302 | .3138020 | .4916644 | .1448324 | .1237823 | .1144719 |
| #1 | .2307373 | 2.474308 | 24.04371 | .9919352 | 2.480395 | 1.286850 | 5.256264 |
| #2 | .2285243 | 2.467640 | 23.98163 | .9822410 | 2.477331 | 1.288491 | 5.268003 |
| #3 | .2280410 | 2.470476 | 23.89398 | .9875327 | 2.473244 | 1.285306 | 5.259796 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.400961 | 23.56044 | 2.483442 | 1.246933 | 26.51819 | 2.446614 | 2.539854 |
| Stddev | .003465 | .08439 | .003743 | .002144 | .09441 | .006439 | .006854 |
| %RSD | .1442986 | .3581727 | .1507356 | .1719704 | .3560129 | .2631700 | .2698572 |
| #1 | 2.404412 | 23.65679 | 2.487148 | 1.247444 | 26.42521 | 2.443391 | 2.547769 |
| #2 | 2.397483 | 23.52488 | 2.479662 | 1.244579 | 26.51542 | 2.454028 | 2.535897 |
| #3 | 2.400988 | 23.49966 | 2.483517 | 1.248775 | 26.61396 | 2.442422 | 2.535897 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 26.33606 | 4.630486 | 5.113647 | 4.948776 | 4.917936 | 5.248432 | 4.868042 |
| Stddev | .11051 | .023950 | .008956 | .006199 | .006280 | .045208 | .018972 |
| %RSD | .4196217 | .5172345 | .1751426 | .1252563 | .1276995 | .8613586 | .3897226 |
| #1 | 26.24203 | 4.657742 | 5.112474 | 4.954615 | 4.917888 | 5.209238 | 4.877463 |
| #2 | 26.30836 | 4.620918 | 5.123132 | 4.949443 | 4.924240 | 5.238168 | 4.880459 |
| #3 | 26.45778 | 4.612799 | 5.105335 | 4.942271 | 4.911680 | 5.297889 | 4.846204 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV04 Acquired: 5/1/2025 17:49:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.061557 | 4.908311 | 4.971610 |
| Stddev | .023487 | .008422 | .044847 |
| %RSD | .4640235 | .1715932 | .9020644 |
| | | | |
| #1 | 5.079884 | 4.898607 | 5.006021 |
| #2 | 5.069706 | 4.912609 | 4.920891 |
| #3 | 5.035081 | 4.913718 | 4.987919 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3198.646 | 74756.37 | 11579.61 | 2920.052 | 4841.977 |
| Stddev | 11.526 | 455.04 | 96.62 | 10.704 | 16.425 |
| %RSD | .3603335 | .6087021 | .8343986 | .3665781 | .3392143 |
| | | | | | |
| #1 | 3199.957 | 74429.38 | 11470.32 | 2909.078 | 4835.166 |
| #2 | 3209.461 | 75276.06 | 11653.70 | 2930.465 | 4860.712 |
| #3 | 3186.521 | 74563.68 | 11614.79 | 2920.612 | 4830.054 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB04 Acquired: 5/1/2025 17:53:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0022629 | .0030900 | .0026334 | .0038855 | -.001011 | .0035907 | -.004628 |
| Stddev | .0019310 | .0009059 | .0009006 | .0030039 | .002573 | .0038253 | .000425 |
| %RSD | 85.33226 | 29.31646 | 34.19972 | 77.31032 | 254.4425 | 106.5322 | 9.188729 |
| #1 | .0010209 | .0039000 | .0032906 | .0016498 | -.000837 | .0019147 | -.004394 |
| #2 | .0012802 | .0032581 | .0016068 | .0073000 | -.003666 | .0079679 | -.004371 |
| #3 | .0044877 | .0021118 | .0030028 | .0027067 | .001470 | .0008895 | -.005118 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001989 | .0009154 | .0211140 | .0004595 | .0006336 | .0002091 | .0063425 |
| Stddev | .0000302 | .0003157 | .0063480 | .0003527 | .0003185 | .0004381 | .0019302 |
| %RSD | 15.16347 | 34.49024 | 30.06544 | 76.74172 | 50.27577 | 209.5506 | 30.43334 |
| #1 | .0002006 | .0006108 | .0138195 | .0000987 | .0003150 | .0001758 | .0070780 |
| #2 | .0002282 | .0008942 | .0241370 | .0004766 | .0006336 | .0006629 | .0041527 |
| #3 | .0001679 | .0012412 | .0253857 | .0008034 | .0009521 | -.000211 | .0077969 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0018036 | .0158617 | .0013614 | .0004639 | -.012164 | -.000207 | .0029882 |
| Stddev | .0004263 | .0025926 | .0006455 | .0000342 | .007526 | .000686 | .0003931 |
| %RSD | 23.63904 | 16.34479 | 47.41212 | 7.372591 | 61.87369 | 331.3026 | 13.15537 |
| #1 | .0013376 | .0182279 | .0007468 | .0005033 | -.003982 | -.000497 | .0034115 |
| #2 | .0021741 | .0130905 | .0013035 | .0004424 | -.018792 | .000576 | .0029185 |
| #3 | .0018990 | .0162667 | .0020338 | .0004458 | -.013717 | -.000701 | .0026346 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0837376 | .0072955 | .0021033 | .0070750 | .0030471 | .0100999 | .0052739 |
| Stddev | .0245871 | .0007264 | .0003029 | .0005717 | .0013550 | .0073322 | .0045663 |
| %RSD | 29.36203 | 9.956569 | 14.39994 | 8.080464 | 44.46925 | 72.59708 | 86.58368 |
| #1 | .0832885 | .0081230 | .0017552 | .0069042 | .0018636 | .0091495 | .0006883 |
| #2 | .1085462 | .0070004 | .0023068 | .0066082 | .0027526 | .0032892 | .0098207 |
| #3 | .0593782 | .0067631 | .0022478 | .0077126 | .0045252 | .0178609 | .0053125 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB04 Acquired: 5/1/2025 17:53:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0046446 | -.001179 | .0014705 |
| Stddev | .0040814 | .000695 | .0000586 |
| %RSD | 87.87288 | 58.90671 | 3.983405 |
| #1 | .0036272 | -.000377 | .0014180 |
| #2 | .0011682 | -.001568 | .0014600 |
| #3 | .0091385 | -.001592 | .0015337 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3277.689 | 74448.90 | 10755.96 | 2963.178 | 5111.980 |
| Stddev | 6.696 | 388.28 | 36.01 | 22.559 | 9.122 |
| %RSD | .2042961 | .5215392 | .3347824 | .7613231 | .1784440 |
| #1 | 3273.255 | 74025.80 | 10751.10 | 2937.727 | 5102.199 |
| #2 | 3285.392 | 74788.91 | 10722.63 | 2980.709 | 5120.255 |
| #3 | 3274.421 | 74532.00 | 10794.16 | 2971.099 | 5113.486 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06 Acquired: 5/1/2025 17:57:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004394 | -.004050 | .0003190 | .0024086 | -.002214 | .0122269 | -.007929 |
| Stddev | .003348 | .000944 | .0019779 | .0004831 | .001634 | .0033732 | .000696 |
| %RSD | 76.19915 | 23.30253 | 620.0046 | 20.05687 | 73.82713 | 27.58831 | 8.782665 |
| #1 | -.001415 | -.005137 | .0021441 | .0019233 | -.002577 | .0144801 | -.008494 |
| #2 | -.003750 | -.003451 | -.001783 | .0028894 | -.003637 | .0083488 | -.008143 |
| #3 | -.008018 | -.003560 | .000596 | .0024130 | -.000429 | .0138518 | -.007151 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000178 | -.000330 | .0415428 | -.000450 | -.000596 | .0002839 | .0151332 |
| Stddev | .000024 | .000082 | .0026610 | .000085 | .000218 | .0006623 | .0056092 |
| %RSD | 13.47802 | 24.92338 | 6.405554 | 18.95031 | 36.49162 | 233.2591 | 37.06553 |
| #1 | -.000204 | -.000266 | .0391128 | -.000467 | -.000456 | .0009158 | .0095495 |
| #2 | -.000172 | -.000302 | .0411291 | -.000357 | -.000847 | .0003411 | .0207675 |
| #3 | -.000158 | -.000423 | .0443864 | -.000525 | -.000487 | -.000405 | .0150826 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0133245 | .0652289 | -.000393 | -.000493 | -.014920 | -.000569 | .0012372 |
| Stddev | .0001695 | .0130073 | .000228 | .000179 | .016836 | .002445 | .0003685 |
| %RSD | 1.271966 | 19.94105 | 57.92027 | 36.37186 | 112.8380 | 429.6182 | 29.78177 |
| #1 | .0131931 | .0780552 | -.000579 | -.000638 | -.021797 | .002254 | .0015724 |
| #2 | .0135158 | .0520478 | -.000461 | -.000292 | -.027229 | -.001992 | .0012965 |
| #3 | .0132646 | .0655838 | -.000139 | -.000550 | .004265 | -.001969 | .0008427 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1006408 | .0011098 | -.000620 | -.001102 | .0007241 | .0349715 | .0105454 |
| Stddev | .0161081 | .0006965 | .000148 | .000644 | .0008569 | .0119719 | .0021866 |
| %RSD | 16.00556 | 62.75968 | 23.92070 | 58.45311 | 118.3408 | 34.23321 | 20.73540 |
| #1 | .0897944 | .0010163 | -.000510 | -.001044 | .0009278 | .0221693 | .0117628 |
| #2 | .0929783 | .0018483 | -.000788 | -.001773 | -.000216 | .0458897 | .0080210 |
| #3 | .1191498 | .0004648 | -.000561 | -.000489 | .001461 | .0368556 | .0118523 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06 Acquired: 5/1/2025 17:57:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5771050 | -.007203 | -.000064 |
| Stddev | .0074407 | .000391 | .000072 |
| %RSD | 1.289308 | 5.431142 | 112.1629 |
| | | | |
| #1 | .5846131 | -.007654 | -.000034 |
| #2 | .5769684 | -.006954 | -.000012 |
| #3 | .5697336 | -.007001 | -.000146 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3221.927 | 75413.13 | 10758.84 | 2975.787 | 5014.170 |
| Stddev | 14.041 | 172.83 | 59.75 | 7.611 | 15.135 |
| %RSD | .4357842 | .2291725 | .5553480 | .2557575 | .3018481 |
| | | | | | |
| #1 | 3209.735 | 75610.87 | 10805.95 | 2983.936 | 4998.915 |
| #2 | 3218.767 | 75290.93 | 10778.94 | 2968.863 | 5014.412 |
| #3 | 3237.278 | 75337.60 | 10691.63 | 2974.560 | 5029.182 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06DUP Acquired: 5/1/2025 18:02:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004401 | -.002274 | .0025553 | .0000473 | -.002616 | .0149000 | -.008041 |
| Stddev | .002017 | .001910 | .0010666 | .0021246 | .000620 | .0091755 | .000884 |
| %RSD | 45.83441 | 84.02379 | 41.74266 | 4488.354 | 23.69368 | 61.58025 | 10.99698 |
| #1 | -.002153 | -.000220 | .0027360 | -.002189 | -.003097 | .0050688 | -.008982 |
| #2 | -.006052 | -.002603 | .0014098 | .002039 | -.001917 | .0163952 | -.007227 |
| #3 | -.005000 | -.003998 | .0035200 | .000293 | -.002835 | .0232360 | -.007913 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000216 | -.000392 | .0546117 | -.000154 | -.000620 | .0002015 | .0473438 |
| Stddev | .000056 | .000080 | .0073985 | .000312 | .000249 | .0007010 | .0044460 |
| %RSD | 26.06676 | 20.50572 | 13.54751 | 202.1747 | 40.14453 | 347.8763 | 9.390873 |
| #1 | -.000207 | -.000391 | .0460840 | -.000325 | -.000700 | -.000272 | .0436840 |
| #2 | -.000277 | -.000473 | .0584326 | -.000345 | -.000341 | -.000131 | .0522916 |
| #3 | -.000165 | -.000312 | .0593187 | .000206 | -.000820 | .001007 | .0460559 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0102012 | .0674474 | -.000385 | -.000443 | -.049923 | -.000863 | .0087350 |
| Stddev | .0002910 | .0211080 | .000132 | .000411 | .013003 | .000864 | .0003651 |
| %RSD | 2.852125 | 31.29545 | 34.22840 | 92.70171 | 26.04550 | 100.1434 | 4.179647 |
| #1 | .0105254 | .0850250 | -.000407 | -.000296 | -.064377 | -.001745 | .0088729 |
| #2 | .0101154 | .0732810 | -.000244 | -.000126 | -.046216 | -.000017 | .0083210 |
| #3 | .0099628 | .0440361 | -.000505 | -.000907 | -.039177 | -.000827 | .0090111 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0331205 | .0008990 | -.000676 | .0001281 | .0004018 | .0240869 | .0101930 |
| Stddev | .0310981 | .0005820 | .000215 | .0008165 | .0005184 | .0004452 | .0028478 |
| %RSD | 93.89383 | 64.73499 | 31.82322 | 637.2427 | 129.0253 | 1.848417 | 27.93858 |
| #1 | -.002359 | .0005268 | -.000882 | -.000814 | .0009734 | .0245885 | .0106413 |
| #2 | .055654 | .0015697 | -.000693 | .000569 | -.000038 | .0239336 | .0127901 |
| #3 | .046066 | .0006006 | -.000453 | .000629 | .000270 | .0237386 | .0071477 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06DUP Acquired: 5/1/2025 18:02:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0746245 | -.005554 | -.000078 |
| Stddev | .0027898 | .002731 | .000007 |
| %RSD | 3.738453 | 49.16523 | 8.374759 |
| | | | |
| #1 | .0751644 | -.006302 | -.000086 |
| #2 | .0716042 | -.002527 | -.000075 |
| #3 | .0771049 | -.007832 | -.000074 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3211.881 | 75594.27 | 11523.05 | 2966.821 | 4982.217 |
| Stddev | 13.271 | 948.64 | 27.22 | 25.051 | 13.816 |
| %RSD | .4131776 | 1.254909 | .2362121 | .8443615 | .2773039 |
| | | | | | |
| #1 | 3226.958 | 76205.23 | 11503.14 | 2982.597 | 4997.490 |
| #2 | 3206.717 | 74501.42 | 11554.06 | 2937.936 | 4970.590 |
| #3 | 3201.969 | 76076.18 | 11511.94 | 2979.930 | 4978.571 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06LX5 Acquired: 5/1/2025 18:06:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001876 | -.001320 | -.000124 | .0005299 | -.003330 | -.001216 | -.006865 |
| Stddev | .001429 | .000785 | .001086 | .0036575 | .000862 | .013724 | .001799 |
| %RSD | 76.17489 | 59.44886 | 875.7205 | 690.2295 | 25.89277 | 1128.469 | 26.20369 |
| | | | | | | | |
| #1 | -.001400 | -.000518 | -.001335 | .0024970 | -.003218 | -.013599 | -.008665 |
| #2 | -.000746 | -.002087 | .000198 | -.003690 | -.002529 | .013540 | -.006862 |
| #3 | -.003482 | -.001357 | .000765 | .002783 | -.004243 | -.003589 | -.005068 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000438 | -.000312 | .0079624 | .0003333 | -.000595 | -.000294 | -.008773 |
| Stddev | .0000180 | .000175 | .0123819 | .0003385 | .000125 | .000302 | .004527 |
| %RSD | 41.17659 | 56.04982 | 155.5058 | 101.5543 | 21.00504 | 102.6974 | 51.60120 |
| | | | | | | | |
| #1 | .0000527 | -.000474 | .0160094 | .0006358 | -.000668 | -.000641 | -.012636 |
| #2 | .0000231 | -.000335 | .0141734 | .0003965 | -.000667 | -.000152 | -.003792 |
| #3 | .0000556 | -.000127 | -.006296 | -.000032 | -.000451 | -.000090 | -.009892 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001873 | .0322883 | -.000148 | -.000450 | -.032940 | .0006457 | -.000920 |
| Stddev | .000232 | .0066451 | .000261 | .000208 | .001599 | .0014142 | .000300 |
| %RSD | 12.36896 | 20.58057 | 177.0037 | 46.19145 | 4.855726 | 219.0352 | 32.61286 |
| | | | | | | | |
| #1 | -.002081 | .0256392 | -.000443 | -.000253 | -.031100 | -.000348 | -.001175 |
| #2 | -.001915 | .0322962 | -.000051 | -.000668 | -.033997 | .000020 | -.000589 |
| #3 | -.001623 | .0389295 | .000052 | -.000430 | -.033722 | .002265 | -.000996 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0877531 | .0001695 | -.001208 | .0055748 | .0010240 | .0048461 | .0053778 |
| Stddev | .0413986 | .0001898 | .000108 | .0004364 | .0018120 | .0029190 | .0005416 |
| %RSD | 47.17627 | 111.9876 | 8.970793 | 7.827260 | 176.9494 | 60.23280 | 10.07038 |
| | | | | | | | |
| #1 | .1157119 | .0000717 | -.001089 | .0058501 | -.000213 | .0015332 | .0055321 |
| #2 | .1073529 | .0000485 | -.001235 | .0050717 | .000181 | .0070398 | .0047758 |
| #3 | .0401943 | .0003882 | -.001301 | .0058026 | .003104 | .0059655 | .0058255 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06LX5 Acquired: 5/1/2025 18:06:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.000169 | -.003509 | -.000149 |
| Stddev | .005092 | .000518 | .000010 |
| %RSD | 3016.705 | 14.75784 | 6.717881 |
| | | | |
| #1 | -.000189 | -.003655 | -.000158 |
| #2 | .004933 | -.002933 | -.000151 |
| #3 | -.005251 | -.003937 | -.000138 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3279.939 | 74573.16 | 11072.54 | 2990.813 | 5069.756 |
| Stddev | 3.370 | 404.17 | 10.76 | 8.806 | 10.110 |
| %RSD | .1027391 | .5419794 | .0971719 | .2944419 | .1994253 |
| | | | | | |
| #1 | 3279.886 | 74219.76 | 11064.06 | 2987.383 | 5074.334 |
| #2 | 3276.596 | 74485.88 | 11068.91 | 2984.237 | 5058.166 |
| #3 | 3283.335 | 75013.84 | 11084.64 | 3000.817 | 5076.766 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06MS Acquired: 5/1/2025 18:10:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7447257 | 1.903793 | .9071658 | 1.799275 | .7631357 | 1.812924 | .1752979 |
| Stddev | .0061570 | .015948 | .0053347 | .002313 | .0022763 | .006684 | .0020707 |
| %RSD | .8267439 | .8377014 | .5880660 | .1285452 | .2982838 | .3687048 | 1.181235 |
| #1 | .7514838 | 1.892593 | .9040324 | 1.801866 | .7605485 | 1.807616 | .1761662 |
| #2 | .7394351 | 1.896734 | .9041394 | 1.797418 | .7648308 | 1.820431 | .1767930 |
| #3 | .7432581 | 1.922052 | .9133255 | 1.798542 | .7640279 | 1.810727 | .1729344 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1619623 | .1840186 | .9527910 | .3737285 | .1826911 | .2869980 | 2.871513 |
| Stddev | .0018794 | .0000910 | .0094549 | .0006237 | .0001550 | .0006506 | .026103 |
| %RSD | 1.160384 | .0494352 | .9923340 | .1668927 | .0848589 | .2266910 | .9090365 |
| #1 | .1617029 | .1840378 | .9606138 | .3731271 | .1828248 | .2864177 | 2.875602 |
| #2 | .1639579 | .1839195 | .9554749 | .3743724 | .1827274 | .2868748 | 2.843607 |
| #3 | .1602261 | .1840983 | .9422844 | .3736860 | .1825211 | .2877013 | 2.895331 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1832086 | 1.788865 | .4596327 | .0665206 | 2.755872 | .2763309 | .2000087 |
| Stddev | .0009009 | .009938 | .0006644 | .0004375 | .021419 | .0027279 | .0002129 |
| %RSD | .4917163 | .5555729 | .1445600 | .6577377 | .7772230 | .9871955 | .1064272 |
| #1 | .1834107 | 1.777987 | .4597647 | .0660293 | 2.750557 | .2781649 | .1997636 |
| #2 | .1839912 | 1.797470 | .4589122 | .0668682 | 2.737610 | .2776318 | .2001150 |
| #3 | .1822238 | 1.791137 | .4602213 | .0666644 | 2.779448 | .2731960 | .2001475 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.291565 | .2455820 | .4033517 | .6588388 | .1875839 | .7985782 | 5.235901 |
| Stddev | .057136 | .0029932 | .0005828 | .0003617 | .0008742 | .0163502 | .011633 |
| %RSD | .6149252 | 1.218838 | .1444814 | .0549051 | .4660262 | 2.047411 | .2221704 |
| #1 | 9.290219 | .2445726 | .4031076 | .6584225 | .1868862 | .8107558 | 5.222704 |
| #2 | 9.235114 | .2489495 | .4040168 | .6590171 | .1885645 | .8049837 | 5.244668 |
| #3 | 9.349362 | .2432240 | .4029306 | .6590768 | .1873009 | .7799951 | 5.240330 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06MS Acquired: 5/1/2025 18:10:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0195498 | .1823496 | .1842559 |
| Stddev | .0042085 | .0005581 | .0004779 |
| %RSD | 21.52688 | .3060644 | .2593874 |
| | | | |
| #1 | .0189544 | .1823943 | .1840374 |
| #2 | .0240243 | .1828841 | .1848040 |
| #3 | .0156708 | .1817705 | .1839262 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3239.364 | 77900.70 | 11677.26 | 3025.184 | 5065.011 |
| Stddev | 3.314 | 169.41 | 88.37 | 10.249 | 3.932 |
| %RSD | .1023056 | .2174717 | .7567818 | .3387946 | .0776317 |
| | | | | | |
| #1 | 3241.859 | 77766.43 | 11680.55 | 3014.957 | 5067.413 |
| #2 | 3235.604 | 78091.04 | 11587.29 | 3035.455 | 5060.474 |
| #3 | 3240.630 | 77844.65 | 11763.94 | 3025.139 | 5067.148 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06MSD Acquired: 5/1/2025 18:14:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7600037 | 1.917132 | .9296742 | 1.845934 | .7864699 | 1.887978 | .1791129 |
| Stddev | .0033623 | .004906 | .0004901 | .007245 | .0011417 | .008861 | .0017357 |
| %RSD | .4424104 | .2559094 | .0527120 | .3924697 | .1451647 | .4693307 | .9690747 |
| #1 | .7620419 | 1.921441 | .9297063 | 1.853859 | .7870645 | 1.879101 | .1777406 |
| #2 | .7561228 | 1.918164 | .9301474 | 1.844294 | .7871916 | 1.888009 | .1810641 |
| #3 | .7618463 | 1.911793 | .9291689 | 1.839651 | .7851537 | 1.896823 | .1785340 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1769907 | .1887119 | .9906134 | .3926982 | .1878885 | .2946389 | 2.909858 |
| Stddev | .0004678 | .0003421 | .0102667 | .0011006 | .0003985 | .0002067 | .019722 |
| %RSD | .2643221 | .1812643 | 1.036396 | .2802622 | .2120874 | .0701484 | .6777556 |
| #1 | .1770058 | .1884129 | .9793972 | .3938032 | .1882294 | .2944423 | 2.926827 |
| #2 | .1774507 | .1886379 | .9995461 | .3916021 | .1879858 | .2948544 | 2.888222 |
| #3 | .1765155 | .1890849 | .9928967 | .3926893 | .1874504 | .2946202 | 2.914526 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1966077 | 1.879340 | .4719489 | .0709544 | 2.832908 | .2858142 | .1968361 |
| Stddev | .0016906 | .004873 | .0005108 | .0004400 | .010125 | .0004096 | .0011141 |
| %RSD | .8598725 | .2592756 | .1082367 | .6200989 | .3574229 | .1433063 | .5660061 |
| #1 | .1958856 | 1.875188 | .4721656 | .0710828 | 2.825213 | .2860989 | .1960775 |
| #2 | .1985395 | 1.884704 | .4713654 | .0704645 | 2.829133 | .2859990 | .1981151 |
| #3 | .1953982 | 1.878126 | .4723156 | .0713160 | 2.844379 | .2853448 | .1963155 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.494800 | .2669153 | .4192693 | .6728495 | .1940185 | .8341208 | 5.342901 |
| Stddev | .054710 | .0005971 | .0005632 | .0009267 | .0010477 | .0130787 | .006717 |
| %RSD | .5762130 | .2237105 | .1343292 | .1377351 | .5400100 | 1.567960 | .1257204 |
| #1 | 9.548118 | .2664220 | .4193297 | .6718003 | .1934389 | .8484732 | 5.347915 |
| #2 | 9.438796 | .2667446 | .4186783 | .6731920 | .1952280 | .8228755 | 5.345519 |
| #3 | 9.497485 | .2675791 | .4197998 | .6735563 | .1933887 | .8310136 | 5.335269 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06MSD Acquired: 5/1/2025 18:14:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0460233 | .1907003 | .1894431 |
| Stddev | .0026176 | .0010487 | .0002570 |
| %RSD | 5.687642 | .5498969 | .1356854 |
| | | | |
| #1 | .0487025 | .1910579 | .1896753 |
| #2 | .0458955 | .1895197 | .1894871 |
| #3 | .0434719 | .1915234 | .1891669 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3277.668 | 75357.68 | 11168.64 | 2971.124 | 5144.145 |
| Stddev | 2.573 | 254.74 | 21.72 | 11.573 | 3.947 |
| %RSD | .0785091 | .3380399 | .1944724 | .3894995 | .0767246 |
| | | | | | |
| #1 | 3277.049 | 75140.58 | 11159.11 | 2965.050 | 5148.701 |
| #2 | 3280.495 | 75638.11 | 11153.31 | 2963.853 | 5141.952 |
| #3 | 3275.461 | 75294.35 | 11193.49 | 2984.469 | 5141.781 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06A Acquired: 5/1/2025 18:19:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7510703 | 1.876767 | .9073897 | 1.821498 | .7747367 | 1.864663 | .1702264 |
| Stddev | .0063698 | .019438 | .0007020 | .013570 | .0005786 | .005278 | .0009806 |
| %RSD | .8480988 | 1.035698 | .0773687 | .7450144 | .0746780 | .2830555 | .5760365 |
| #1 | .7584245 | 1.897060 | .9076638 | 1.826972 | .7743543 | 1.859357 | .1710719 |
| #2 | .7475042 | 1.858316 | .9079133 | 1.831478 | .7754023 | 1.869913 | .1704558 |
| #3 | .7472823 | 1.874924 | .9065919 | 1.806046 | .7744536 | 1.864719 | .1691514 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1772759 | .1832613 | .9567359 | .3817734 | .1826195 | .2885725 | 2.742588 |
| Stddev | .0006977 | .0006157 | .0023004 | .0014627 | .0005252 | .0009166 | .032073 |
| %RSD | .3935632 | .3359668 | .2404471 | .3831311 | .2875892 | .3176283 | 1.169438 |
| #1 | .1773351 | .1838308 | .9593873 | .3809800 | .1829866 | .2890913 | 2.735022 |
| #2 | .1779421 | .1833451 | .9555504 | .3808789 | .1828540 | .2891120 | 2.714974 |
| #3 | .1765505 | .1826080 | .9552700 | .3834614 | .1820179 | .2875142 | 2.777767 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1901105 | 1.819116 | .4597515 | .0685814 | 2.682545 | .2762455 | .1927152 |
| Stddev | .0012614 | .013908 | .0013548 | .0004511 | .017298 | .0026393 | .0006955 |
| %RSD | .6635202 | .7645563 | .2946821 | .6577102 | .6448473 | .9554062 | .3609211 |
| #1 | .1907563 | 1.806913 | .4613088 | .0682190 | 2.666061 | .2790296 | .1921455 |
| #2 | .1909182 | 1.834259 | .4591017 | .0684386 | 2.681019 | .2759270 | .1925098 |
| #3 | .1886569 | 1.816175 | .4588440 | .0690865 | 2.700556 | .2737799 | .1934904 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.933261 | .2673785 | .4106004 | .6566009 | .1889706 | .7963774 | 5.175455 |
| Stddev | .030925 | .0018531 | .0018234 | .0012740 | .0010341 | .0139766 | .035840 |
| %RSD | .3461828 | .6930622 | .4440868 | .1940357 | .5472219 | 1.755021 | .6925051 |
| #1 | 8.902276 | .2692608 | .4125251 | .6556843 | .1883922 | .7802415 | 5.213784 |
| #2 | 8.964127 | .2673185 | .4103773 | .6580557 | .1901644 | .8041836 | 5.169805 |
| #3 | 8.933381 | .2655561 | .4088987 | .6560627 | .1883551 | .8047071 | 5.142775 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-06A Acquired: 5/1/2025 18:19:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0680300 | .1839807 | .1822959 |
| Stddev | .0044852 | .0014946 | .0005747 |
| %RSD | 6.592891 | .8123645 | .3152435 |
| | | | |
| #1 | .0713017 | .1838331 | .1821662 |
| #2 | .0629173 | .1855436 | .1829243 |
| #3 | .0698711 | .1825654 | .1817971 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3252.336 | 75397.29 | 10826.66 | 2962.478 | 5126.267 |
| Stddev | 7.965 | 438.79 | 32.25 | 23.751 | 11.355 |
| %RSD | .2449027 | .5819689 | .2979046 | .8017194 | .2215158 |
| | | | | | |
| #1 | 3243.799 | 75681.43 | 10814.65 | 2972.295 | 5113.362 |
| #2 | 3253.641 | 75618.50 | 10802.13 | 2979.747 | 5130.708 |
| #3 | 3259.568 | 74891.92 | 10863.19 | 2935.393 | 5134.730 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08 Acquired: 5/1/2025 18:23:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004173 | -.004781 | .0415833 | .0028623 | -.002450 | -.071160 | .1056504 |
| Stddev | .002880 | .000448 | .0017554 | .0027984 | .001997 | .006014 | .0014961 |
| %RSD | 69.01267 | 9.375787 | 4.221300 | 97.76976 | 81.49410 | 8.451830 | 1.416058 |
| #1 | -.004225 | -.005298 | .0436022 | .0023538 | -.000705 | -.074466 | .1050525 |
| #2 | -.001268 | -.004507 | .0404176 | .0058801 | -.004628 | -.064218 | .1045457 |
| #3 | -.007027 | -.004537 | .0407301 | .0003529 | -.002019 | -.074797 | .1073530 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000101 | .0004662 | 92.75758 | -.000252 | .0006323 | .0057975 | -.002978 |
| Stddev | .000067 | .0000519 | .03018 | .000315 | .0003355 | .0005815 | .001032 |
| %RSD | 66.53045 | 11.12655 | .0325375 | 124.9924 | 53.04881 | 10.02947 | 34.66967 |
| #1 | -.000140 | .0004458 | 92.78948 | -.000249 | .0002450 | .0052965 | -.001965 |
| #2 | -.000023 | .0005252 | 92.75378 | -.000568 | .0008262 | .0056610 | -.002939 |
| #3 | -.000140 | .0004277 | 92.72948 | .000062 | .0008258 | .0064351 | -.004029 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3054477 | 1.365637 | .0040493 | -.000462 | 261.2268 | .0009632 | .0545639 |
| Stddev | .0005245 | .008258 | .0001874 | .000225 | 1.5889 | .0011373 | .0003547 |
| %RSD | .1717085 | .6047053 | 4.626970 | 48.63078 | .6082422 | 118.0745 | .6500893 |
| #1 | .3051222 | 1.369906 | .0042450 | -.000226 | 262.2921 | .0022234 | .0546026 |
| #2 | .3060527 | 1.370887 | .0038716 | -.000674 | 261.9878 | .0000131 | .0541914 |
| #3 | .3051682 | 1.356118 | .0040315 | -.000485 | 259.4005 | .0006531 | .0548976 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.082263 | .0058891 | -.000195 | -.004976 | -.002296 | .6956410 | .0299976 |
| Stddev | .042518 | .0001969 | .000496 | .001353 | .000203 | .0033804 | .0023632 |
| %RSD | 3.928641 | 3.343907 | 255.0037 | 27.19297 | 8.835123 | .4859443 | 7.877846 |
| #1 | 1.131311 | .0058566 | .000044 | -.006061 | -.002077 | .6918910 | .0310710 |
| #2 | 1.059613 | .0057105 | .000137 | -.005407 | -.002476 | .6965778 | .0316335 |
| #3 | 1.055865 | .0061003 | -.000765 | -.003460 | -.002336 | .6984542 | .0272882 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08 Acquired: 5/1/2025 18:23:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5059914 | -.019293 | .1772323 |
| Stddev | .0056751 | .000248 | .0002413 |
| %RSD | 1.121575 | 1.283035 | .1361529 |
| | | | |
| #1 | .5096950 | -.019464 | .1774992 |
| #2 | .5088214 | -.019405 | .1770296 |
| #3 | .4994578 | -.019009 | .1771682 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3061.138 | 71474.44 | 10647.52 | 2808.923 | 4558.230 |
| Stddev | 6.982 | 92.30 | 51.87 | 5.415 | 6.500 |
| %RSD | .2280785 | .1291349 | .4871556 | .1927647 | .1425902 |
| | | | | | |
| #1 | 3060.699 | 71516.56 | 10639.37 | 2810.789 | 4558.619 |
| #2 | 3054.385 | 71368.60 | 10600.21 | 2802.822 | 4551.545 |
| #3 | 3068.328 | 71538.17 | 10702.98 | 2813.157 | 4564.526 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08DUP Acquired: 5/1/2025 18:27:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005404 | -.002233 | .0000927 | .0030856 | -.002418 | -.010457 | .0191782 |
| Stddev | .004264 | .001873 | .0004084 | .0040076 | .000950 | .000889 | .0008745 |
| %RSD | 78.90160 | 83.86908 | 440.6697 | 129.8814 | 39.28097 | 8.496841 | 4.559758 |
| #1 | -.010327 | -.000104 | -.000135 | -.001527 | -.003288 | -.009627 | .0201747 |
| #2 | -.002902 | -.003626 | -.000151 | .005074 | -.001405 | -.010351 | .0185387 |
| #3 | -.002982 | -.002969 | .000564 | .005710 | -.002561 | -.011394 | .0188213 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000223 | -.000389 | 42.25119 | .0235367 | -.000843 | .0024974 | .0074290 |
| Stddev | .000072 | .000036 | .22594 | .0005261 | .000147 | .0003640 | .0051221 |
| %RSD | 32.16592 | 9.213820 | .5347454 | 2.235050 | 17.45058 | 14.57716 | 68.94723 |
| #1 | -.000305 | -.000429 | 42.51076 | .0237470 | -.000896 | .0027289 | .0102321 |
| #2 | -.000195 | -.000360 | 42.14411 | .0239251 | -.000956 | .0020777 | .0015171 |
| #3 | -.000170 | -.000378 | 42.09870 | .0229380 | -.000676 | .0026854 | .0105376 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001089 | .0351944 | .0021983 | -.000235 | 6.568248 | .0015889 | .0045383 |
| Stddev | .000288 | .0152066 | .0002643 | .000131 | .032639 | .0002545 | .0018375 |
| %RSD | 26.40646 | 43.20756 | 12.02311 | 55.75240 | .4969215 | 16.01685 | 40.48774 |
| #1 | -.001282 | .0466596 | .0018954 | -.000088 | 6.533640 | .0018235 | .0066534 |
| #2 | -.001227 | .0179443 | .0023171 | -.000281 | 6.598476 | .0013184 | .0036261 |
| #3 | -.000758 | .0409793 | .0023823 | -.000338 | 6.572628 | .0016247 | .0033354 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.456314 | .0039776 | .1045912 | -.004562 | -.000243 | .3750038 | .0113553 |
| Stddev | .037772 | .0012951 | .0000967 | .000658 | .000226 | .0077221 | .0038604 |
| %RSD | .3994385 | 32.55973 | .0924129 | 14.41636 | 93.00989 | 2.059207 | 33.99618 |
| #1 | 9.436508 | .0054556 | .1044844 | -.004399 | -.000463 | .3703790 | .0069054 |
| #2 | 9.432564 | .0030414 | .1046727 | -.005286 | -.000010 | .3707140 | .0138068 |
| #3 | 9.499871 | .0034357 | .1046164 | -.004002 | -.000257 | .3839184 | .0133538 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08DUP Acquired: 5/1/2025 18:27:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 14.66331 | -.002236 | .1352533 |
| Stddev | .04968 | .001147 | .0006877 |
| %RSD | .3388169 | 51.29118 | .5084331 |
| | | | |
| #1 | 14.66626 | -.001054 | .1360396 |
| #2 | 14.71145 | -.002311 | .1349558 |
| #3 | 14.61222 | -.003344 | .1347644 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3215.759 | 76141.02 | 11445.43 | 2945.587 | 5054.598 |
| Stddev | 16.710 | 158.51 | 115.47 | 5.547 | 32.961 |
| %RSD | .5196170 | .2081852 | 1.008916 | .1883170 | .6520906 |
| | | | | | |
| #1 | 3202.061 | 76004.55 | 11312.23 | 2945.224 | 5031.899 |
| #2 | 3210.841 | 76103.63 | 11517.19 | 2951.306 | 5039.491 |
| #3 | 3234.376 | 76314.89 | 11506.87 | 2940.230 | 5092.405 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08LX5 Acquired: 5/1/2025 18:31:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.000455 | -.001436 | .0075890 | .0004879 | -.002885 | -.026989 | .0162579 |
| Stddev | .001885 | .000992 | .0011665 | .0029392 | .001312 | .007189 | .0010192 |
| %RSD | 414.5405 | 69.06220 | 15.37137 | 602.4006 | 45.45590 | 26.63801 | 6.268872 |
| #1 | -.001796 | -.002262 | .0071510 | -.002729 | -.002093 | -.022274 | .0155365 |
| #2 | .001701 | -.001711 | .0089112 | .003034 | -.004399 | -.023429 | .0158133 |
| #3 | -.001269 | -.000336 | .0067050 | .001159 | -.002163 | -.035264 | .0174238 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000042 | -.000251 | 18.35781 | .0002103 | -.000530 | .0003259 | -.008812 |
| Stddev | .000041 | .000037 | .03182 | .0001924 | .000088 | .0001350 | .003538 |
| %RSD | 96.94359 | 14.61217 | .1733406 | 91.49624 | 16.61473 | 41.43977 | 40.15058 |
| #1 | -.000086 | -.000293 | 18.39450 | .0004288 | -.000490 | .0002272 | -.010667 |
| #2 | -.000034 | -.000226 | 18.33774 | .0000661 | -.000469 | .0002706 | -.004732 |
| #3 | -.000006 | -.000234 | 18.34118 | .0001361 | -.000631 | .0004798 | -.011036 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0586694 | .3046532 | .0007104 | -.000354 | 49.41446 | -.000357 | .0096869 |
| Stddev | .0004576 | .0033451 | .0001969 | .000106 | .44187 | .001935 | .0001562 |
| %RSD | .7800334 | 1.098007 | 27.71122 | 30.00354 | .8942070 | 542.7455 | 1.612658 |
| #1 | .0582202 | .3034275 | .0005436 | -.000246 | 48.93175 | -.000081 | .0096693 |
| #2 | .0591350 | .3084383 | .0006601 | -.000357 | 49.79896 | -.002415 | .0095403 |
| #3 | .0586528 | .3020939 | .0009276 | -.000458 | 49.51266 | .001426 | .0098512 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2883068 | -.001180 | -.000754 | .0034312 | -.000517 | .1415809 | .0089026 |
| Stddev | .0238631 | .000571 | .000169 | .0004828 | .000834 | .0055684 | .0048243 |
| %RSD | 8.276993 | 48.38300 | 22.35636 | 14.06935 | 161.1637 | 3.932987 | 54.18981 |
| #1 | .3152028 | -.001032 | -.000919 | .0029676 | -.001370 | .1449664 | .0033766 |
| #2 | .2800454 | -.001810 | -.000762 | .0039311 | -.000478 | .1446220 | .0110560 |
| #3 | .2696722 | -.000697 | -.000582 | .0033949 | .000296 | .1351542 | .0122751 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08LX5 Acquired: 5/1/2025 18:31:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .1023400 | -.005407 | .0349761 |
| Stddev | .0001879 | .000658 | .0001485 |
| %RSD | .1835849 | 12.17167 | .4244321 |
| | | | |
| #1 | .1022077 | -.005152 | .0348083 |
| #2 | .1022572 | -.006155 | .0350903 |
| #3 | .1025550 | -.004915 | .0350298 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3214.593 | 74072.35 | 10859.69 | 2931.783 | 4901.791 |
| Stddev | 18.088 | 440.13 | 66.16 | 14.194 | 30.146 |
| %RSD | .5626868 | .5941863 | .6092617 | .4841341 | .6150025 |
| | | | | | |
| #1 | 3221.522 | 74190.26 | 10786.45 | 2945.315 | 4923.873 |
| #2 | 3228.193 | 73585.27 | 10877.47 | 2917.009 | 4914.054 |
| #3 | 3194.065 | 74441.51 | 10915.15 | 2933.027 | 4867.446 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV05 Acquired: 5/1/2025 18:36:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.085321 | 5.200351 | 4.982784 | 5.148225 | 5.097753 | 9.822104 | 9.948313 |
| Stddev | .017619 | .044660 | .011054 | .023551 | .023680 | .011401 | .089818 |
| %RSD | .3464753 | .8587886 | .2218365 | .4574604 | .4645241 | .1160728 | .9028418 |
| #1 | 5.088004 | 5.249497 | 4.989801 | 5.127413 | 5.080324 | 9.831334 | 10.01980 |
| #2 | 5.066515 | 5.162249 | 4.988509 | 5.143471 | 5.088220 | 9.809360 | 9.97764 |
| #3 | 5.101446 | 5.189308 | 4.970042 | 5.173790 | 5.124714 | 9.825618 | 9.84750 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2343662 | 2.498100 | 24.07482 | .9842865 | 2.488847 | 1.274962 | 4.987869 |
| Stddev | .0002212 | .007552 | .04259 | .0021529 | .004553 | .003756 | .037472 |
| %RSD | .0943915 | .3023194 | .1769150 | .2187283 | .1829498 | .2946033 | .7512543 |
| #1 | .2341179 | 2.502472 | 24.12152 | .9829698 | 2.490003 | 1.271274 | 4.994719 |
| #2 | .2344384 | 2.502449 | 24.03812 | .9831188 | 2.492711 | 1.274830 | 4.947445 |
| #3 | .2345424 | 2.489380 | 24.06481 | .9867710 | 2.483828 | 1.278783 | 5.021443 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.412178 | 23.82499 | 2.497246 | 1.227039 | 24.95002 | 2.453756 | 2.496505 |
| Stddev | .003277 | .05977 | .004559 | .001242 | .05452 | .002535 | .016043 |
| %RSD | .1358601 | .2508742 | .1825791 | .1012523 | .2185029 | .1033101 | .6426354 |
| #1 | 2.411038 | 23.86378 | 2.498015 | 1.227868 | 25.00039 | 2.450911 | 2.498846 |
| #2 | 2.409623 | 23.75616 | 2.501372 | 1.225611 | 24.89214 | 2.455774 | 2.479419 |
| #3 | 2.415872 | 23.85503 | 2.492351 | 1.227638 | 24.95753 | 2.454583 | 2.511249 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.02047 | 4.738224 | 5.046245 | 5.008004 | 4.905636 | 4.938421 | 5.027373 |
| Stddev | .03943 | .003224 | .003740 | .013713 | .005562 | .012416 | .017381 |
| %RSD | .1575734 | .0680435 | .0741131 | .2738210 | .1133721 | .2514168 | .3457266 |
| #1 | 25.05789 | 4.736696 | 5.047596 | 5.021299 | 4.911983 | 4.945976 | 5.044381 |
| #2 | 24.97930 | 4.741929 | 5.042018 | 5.008806 | 4.903308 | 4.924091 | 5.028096 |
| #3 | 25.02424 | 4.736049 | 5.049122 | 4.993908 | 4.901617 | 4.945195 | 5.009642 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV05 Acquired: 5/1/2025 18:36:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.098700 | 4.858189 | 4.992064 |
| Stddev | .005655 | .004183 | .068427 |
| %RSD | .1109092 | .0860927 | 1.370706 |
| | | | |
| #1 | 5.097600 | 4.861691 | 4.998790 |
| #2 | 5.093675 | 4.859317 | 4.920523 |
| #3 | 5.104824 | 4.853557 | 5.056880 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3152.098 | 74631.85 | 10996.11 | 2932.842 | 4699.266 |
| Stddev | 8.934 | 372.65 | 29.69 | 12.920 | 25.641 |
| %RSD | .2834300 | .4993225 | .2699685 | .4405425 | .5456369 |
| | | | | | |
| #1 | 3149.648 | 74626.63 | 11011.68 | 2934.295 | 4687.264 |
| #2 | 3144.644 | 75007.09 | 11014.77 | 2944.974 | 4681.828 |
| #3 | 3162.001 | 74261.84 | 10961.88 | 2919.256 | 4728.707 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB05 Acquired: 5/1/2025 18:40:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0044586 | .0036138 | .0019174 | .0005628 | -.000479 | .0048294 | -.004567 |
| Stddev | .0009616 | .0019331 | .0016692 | .0036830 | .001097 | .0096690 | .002004 |
| %RSD | 21.56729 | 53.49189 | 87.06006 | 654.3953 | 229.0704 | 200.2116 | 43.87414 |
| #1 | .0041773 | .0058449 | .0002513 | -.003670 | -.000132 | .0146414 | -.006863 |
| #2 | .0055295 | .0025580 | .0019110 | .002323 | .000403 | .0045366 | -.003668 |
| #3 | .0036690 | .0024385 | .0035898 | .003036 | -.001708 | -.004690 | -.003170 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000526 | .0008948 | .0155715 | .0004819 | .0004498 | .0003957 | .0009029 |
| Stddev | .0000201 | .0001625 | .0049009 | .0004232 | .0004651 | .0000695 | .0004378 |
| %RSD | 38.17900 | 18.15698 | 31.47327 | 87.81536 | 103.3943 | 17.56254 | 48.48646 |
| #1 | .0000301 | .0007247 | .0187078 | .0006614 | -.000030 | .0004754 | .0011643 |
| #2 | .0000588 | .0009114 | .0099240 | .0007858 | .000481 | .0003472 | .0011468 |
| #3 | .0000688 | .0010484 | .0180827 | -.000001 | .000898 | .0003647 | .0003975 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000480 | .0200130 | .0009445 | .0000817 | -.028462 | .0003008 | -.000672 |
| Stddev | .000300 | .0041253 | .0002802 | .0001631 | .013971 | .0006838 | .000527 |
| %RSD | 62.44974 | 20.61330 | 29.66188 | 199.5941 | 49.08595 | 227.3823 | 78.49352 |
| #1 | -.000676 | .0208918 | .0006211 | .0002291 | -.018767 | .0008642 | -.001279 |
| #2 | -.000630 | .0155191 | .0011142 | .0001096 | -.044476 | -.000460 | -.000405 |
| #3 | -.000135 | .0236282 | .0010982 | -.000094 | -.022143 | .000498 | -.000331 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0672841 | .0056851 | .0018435 | .0072603 | .0020393 | .0067525 | .0076880 |
| Stddev | .0119960 | .0005179 | .0005953 | .0012904 | .0013511 | .0026682 | .0023974 |
| %RSD | 17.82886 | 9.110293 | 32.29292 | 17.77366 | 66.25287 | 39.51413 | 31.18406 |
| #1 | .0589901 | .0061890 | .0011600 | .0058186 | .0022823 | .0091481 | .0063282 |
| #2 | .0618232 | .0057122 | .0021213 | .0083073 | .0032525 | .0038769 | .0062796 |
| #3 | .0810389 | .0051542 | .0022490 | .0076550 | .0005832 | .0072326 | .0104561 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB05 Acquired: 5/1/2025 18:40:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0002017 | -.002550 | .0005634 |
| Stddev | .0019511 | .001872 | .0000341 |
| %RSD | 967.5527 | 73.43121 | 6.056916 |
| | | | |
| #1 | -.002027 | -.003369 | .0005446 |
| #2 | .001032 | -.000407 | .0006027 |
| #3 | .001601 | -.003873 | .0005428 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3237.653 | 75493.08 | 10352.31 | 3018.775 | 4992.365 |
| Stddev | 7.424 | 192.38 | 24.70 | 5.291 | 9.126 |
| %RSD | .2293091 | .2548328 | .2386068 | .1752649 | .1827894 |
| | | | | | |
| #1 | 3229.193 | 75576.50 | 10364.32 | 3022.423 | 4986.245 |
| #2 | 3243.079 | 75273.07 | 10323.90 | 3012.707 | 4987.996 |
| #3 | 3240.689 | 75629.68 | 10368.72 | 3021.196 | 5002.854 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08MS Acquired: 5/1/2025 18:44:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .8108732 | 1.967180 | .9502812 | 1.961606 | .8252523 | 1.903110 | .2104549 |
| Stddev | .0065480 | .010092 | .0029986 | .013116 | .0042292 | .004665 | .0008379 |
| %RSD | .8075280 | .5130364 | .3155451 | .6686374 | .5124690 | .2451006 | .3981576 |
| #1 | .8069236 | 1.978490 | .9487287 | 1.952858 | .8207436 | 1.902405 | .2096026 |
| #2 | .8184317 | 1.959092 | .9537376 | 1.955275 | .8258819 | 1.908086 | .2112777 |
| #3 | .8072644 | 1.963959 | .9483771 | 1.976687 | .8291313 | 1.898838 | .2104843 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1776280 | .1933717 | 44.05524 | .4186381 | .1916338 | .3021677 | 3.010947 |
| Stddev | .0005209 | .0001605 | .09591 | .0015978 | .0003105 | .0002620 | .003789 |
| %RSD | .2932396 | .0830056 | .2176987 | .3816566 | .1620145 | .0867084 | .1258403 |
| #1 | .1776795 | .1932544 | 44.09513 | .4203385 | .1912758 | .3020757 | 3.007538 |
| #2 | .1770833 | .1933062 | 44.12477 | .4171679 | .1918302 | .3024633 | 3.010277 |
| #3 | .1781212 | .1935546 | 43.94583 | .4184079 | .1917954 | .3019641 | 3.015027 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1891758 | 1.826063 | .4907628 | .0724439 | 9.888152 | .2908308 | .2019199 |
| Stddev | .0004014 | .004903 | .0007687 | .0005921 | .014444 | .0016516 | .0016952 |
| %RSD | .2122020 | .2685023 | .1566292 | .8173031 | .1460718 | .5678936 | .8395387 |
| #1 | .1889247 | 1.824302 | .4898857 | .0717828 | 9.899783 | .2915247 | .2033873 |
| #2 | .1896387 | 1.831603 | .4913192 | .0726234 | 9.892688 | .2920224 | .2023080 |
| #3 | .1889638 | 1.822284 | .4910835 | .0729254 | 9.871985 | .2889455 | .2000643 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 19.79606 | .2767529 | .5333078 | .6854632 | .1940671 | 1.231897 | 5.714205 |
| Stddev | .03137 | .0013285 | .0012186 | .0031785 | .0002892 | .007046 | .011340 |
| %RSD | .1584726 | .4800446 | .2285054 | .4637074 | .1490246 | .5719971 | .1984469 |
| #1 | 19.82577 | .2782632 | .5321108 | .6818392 | .1941501 | 1.232380 | 5.717096 |
| #2 | 19.79916 | .2757647 | .5345470 | .6867724 | .1943058 | 1.224622 | 5.723819 |
| #3 | 19.76325 | .2762308 | .5332655 | .6877781 | .1937455 | 1.238690 | 5.701699 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08MS Acquired: 5/1/2025 18:44:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 15.38995 | .1974816 | .3330152 |
| Stddev | .03050 | .0012454 | .0003342 |
| %RSD | .1981501 | .6306485 | .1003436 |
| | | | |
| #1 | 15.35541 | .1960607 | .3328260 |
| #2 | 15.40125 | .1980005 | .3334010 |
| #3 | 15.41318 | .1983838 | .3328185 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3138.822 | 73784.27 | 11255.35 | 2907.859 | 4886.121 |
| Stddev | 5.259 | 265.27 | 35.91 | 7.196 | 10.139 |
| %RSD | .1675369 | .3595165 | .3190356 | .2474764 | .2075028 |
| | | | | | |
| #1 | 3133.752 | 73692.76 | 11253.14 | 2903.629 | 4877.771 |
| #2 | 3138.462 | 74083.18 | 11292.32 | 2916.168 | 4883.189 |
| #3 | 3144.251 | 73576.87 | 11220.60 | 2903.780 | 4897.402 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08MSD Acquired: 5/1/2025 18:48:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .8733591 | 2.096035 | 1.016888 | 2.116867 | .8953572 | 2.011645 | .2259900 |
| Stddev | .0052799 | .008110 | .003988 | .014595 | .0048341 | .005724 | .0019165 |
| %RSD | .6045544 | .3869282 | .3921969 | .6894468 | .5399097 | .2845210 | .8480379 |
| #1 | .8693714 | 2.099576 | 1.017214 | 2.114328 | .9009123 | 2.010355 | .2265618 |
| #2 | .8793469 | 2.101773 | 1.012747 | 2.132564 | .8921057 | 2.017903 | .2275556 |
| #3 | .8713590 | 2.086757 | 1.020703 | 2.103708 | .8930538 | 2.006676 | .2238527 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1832425 | .2077390 | 45.89302 | .4401247 | .2049351 | .3225687 | 3.277512 |
| Stddev | .0008686 | .0004697 | .22217 | .0008433 | .0002208 | .0009244 | .015925 |
| %RSD | .4740091 | .2260860 | .4841030 | .1915986 | .1077222 | .2865732 | .4858896 |
| #1 | .1837792 | .2076749 | 46.03468 | .4407149 | .2047383 | .3231144 | 3.259577 |
| #2 | .1837080 | .2082374 | 46.00741 | .4391589 | .2051738 | .3230903 | 3.282965 |
| #3 | .1822404 | .2073047 | 45.63696 | .4405002 | .2048930 | .3215014 | 3.289994 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2015778 | 1.931413 | .5157667 | .0765916 | 10.48183 | .3111715 | .2143195 |
| Stddev | .0011860 | .017660 | .0020202 | .0002346 | .04927 | .0005385 | .0003491 |
| %RSD | .5883472 | .9143441 | .3916823 | .3062818 | .4700828 | .1730630 | .1628892 |
| #1 | .2022463 | 1.927793 | .5144150 | .0768615 | 10.45343 | .3117377 | .2139180 |
| #2 | .2022787 | 1.950603 | .5180890 | .0764768 | 10.45332 | .3106658 | .2144900 |
| #3 | .2002085 | 1.915844 | .5147960 | .0764366 | 10.53872 | .3111110 | .2145507 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.24071 | .2858734 | .5690903 | .7445891 | .2109682 | 1.333880 | 6.121990 |
| Stddev | .11881 | .0021853 | .0025105 | .0026780 | .0011565 | .004495 | .026172 |
| %RSD | .5593356 | .7644134 | .4411421 | .3596619 | .5481858 | .3370005 | .4275012 |
| #1 | 21.17387 | .2865224 | .5702530 | .7443838 | .2122391 | 1.328697 | 6.120214 |
| #2 | 21.17038 | .2876606 | .5708087 | .7473638 | .2099778 | 1.336723 | 6.149004 |
| #3 | 21.37788 | .2834371 | .5662093 | .7420196 | .2106877 | 1.336218 | 6.096752 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08MSD Acquired: 5/1/2025 18:48:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 16.19315 | .2136027 | .3560777 |
| Stddev | .05168 | .0020995 | .0007687 |
| %RSD | .3191181 | .9829082 | .2158757 |
| #1 | 16.20274 | .2160186 | .3569598 |
| #2 | 16.23936 | .2125695 | .3555509 |
| #3 | 16.13735 | .2122201 | .3557224 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3101.332 | 74559.39 | 11581.07 | 2922.684 | 4800.877 |
| Stddev | 13.121 | 78.40 | 71.99 | 5.965 | 14.058 |
| %RSD | .4230658 | .1051526 | .6216310 | .2040846 | .2928212 |
| #1 | 3096.809 | 74639.90 | 11523.25 | 2924.070 | 4797.803 |
| #2 | 3091.072 | 74554.99 | 11558.25 | 2927.833 | 4788.611 |
| #3 | 3116.116 | 74483.28 | 11661.70 | 2916.148 | 4816.218 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08A Acquired: 5/1/2025 18:52:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7985585 | 1.910565 | .9553147 | 1.963486 | .8018525 | 1.800525 | .2508643 |
| Stddev | .0013742 | .021389 | .0032817 | .002910 | .0025772 | .008501 | .0014013 |
| %RSD | .1720900 | 1.119492 | .3435179 | .1482011 | .3214104 | .4721194 | .5585965 |
| #1 | .7975571 | 1.930645 | .9577975 | 1.965304 | .8015397 | 1.810084 | .2496937 |
| #2 | .7979932 | 1.912979 | .9565524 | 1.965024 | .7994460 | 1.797680 | .2524171 |
| #3 | .8001253 | 1.888072 | .9515941 | 1.960130 | .8045719 | 1.793812 | .2504821 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1782734 | .1935747 | 72.64158 | .3849691 | .1890458 | .2894365 | 2.808984 |
| Stddev | .0007425 | .0005153 | .18766 | .0008643 | .0010516 | .0003937 | .024561 |
| %RSD | .4165204 | .2662207 | .2583430 | .2245178 | .5562785 | .1360165 | .8743579 |
| #1 | .1786300 | .1939932 | 72.63146 | .3839789 | .1897686 | .2895146 | 2.792592 |
| #2 | .1774198 | .1937318 | 72.83411 | .3853558 | .1895295 | .2890096 | 2.837223 |
| #3 | .1787703 | .1929991 | 72.45919 | .3855726 | .1878394 | .2897852 | 2.797139 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3624384 | 2.559284 | .4742664 | .0700746 | 160.3541 | .2774067 | .2284928 |
| Stddev | .0010255 | .030034 | .0009371 | .0005789 | 2.3952 | .0011680 | .0016629 |
| %RSD | .2829308 | 1.173530 | .1975872 | .8261124 | 1.493666 | .4210356 | .7277611 |
| #1 | .3631928 | 2.554912 | .4747919 | .0695885 | 157.6030 | .2768003 | .2303985 |
| #2 | .3628516 | 2.591264 | .4748228 | .0707150 | 161.4842 | .2766666 | .2277440 |
| #3 | .3612708 | 2.531675 | .4731845 | .0699203 | 161.9751 | .2787531 | .2273361 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.43053 | .2734178 | .4528599 | .6802618 | .1865789 | 1.382844 | 5.921913 |
| Stddev | .06043 | .0017382 | .0007160 | .0035169 | .0010572 | .008893 | .027545 |
| %RSD | .4187443 | .6357330 | .1580997 | .5169885 | .5666097 | .6430860 | .4651446 |
| #1 | 14.38942 | .2744264 | .4534173 | .6805151 | .1859941 | 1.378136 | 5.946782 |
| #2 | 14.49991 | .2714107 | .4531100 | .6836452 | .1877993 | 1.393101 | 5.926652 |
| #3 | 14.40227 | .2744164 | .4520524 | .6766252 | .1859433 | 1.377295 | 5.892306 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-08A Acquired: 5/1/2025 18:52:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 6.724991 | .1849233 | .3463059 |
| Stddev | .023308 | .0008736 | .0001633 |
| %RSD | .3465864 | .4724314 | .0471613 |
| | | | |
| #1 | 6.747773 | .1859279 | .3464624 |
| #2 | 6.726008 | .1843409 | .3463189 |
| #3 | 6.701191 | .1845012 | .3461365 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3071.858 | 72911.08 | 10958.08 | 2854.781 | 4610.930 |
| Stddev | 10.299 | 487.33 | 5.72 | 10.239 | 21.515 |
| %RSD | .3352729 | .6683951 | .0522428 | .3586507 | .4666073 |
| | | | | | |
| #1 | 3063.969 | 73370.41 | 10963.57 | 2864.216 | 4597.275 |
| #2 | 3068.096 | 72399.89 | 10958.51 | 2843.894 | 4599.783 |
| #3 | 3083.509 | 72962.94 | 10952.15 | 2856.234 | 4635.731 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-09 Acquired: 5/1/2025 18:56:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.007383 | -.007458 | .1079514 | .0053170 | -.002215 | .0022672 | .1426377 |
| Stddev | .001707 | .001370 | .0012224 | .0045980 | .000907 | .0129996 | .0005013 |
| %RSD | 23.12112 | 18.37108 | 1.132314 | 86.47763 | 40.93586 | 573.3768 | .3514710 |
| #1 | -.006225 | -.008418 | .1066598 | .0006935 | -.002934 | -.012062 | .1423092 |
| #2 | -.006582 | -.008067 | .1090901 | .0098891 | -.002514 | .005559 | .1423892 |
| #3 | -.009344 | -.005889 | .1081044 | .0053685 | -.001196 | .013304 | .1432147 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000155 | .0002486 | 108.2886 | .0013711 | .0049710 | .0094667 | .2606043 |
| Stddev | .000012 | .0000060 | .1878 | .0002213 | .0001140 | .0000630 | .0030213 |
| %RSD | 7.776239 | 2.427444 | .1734649 | 16.14154 | 2.294183 | .6656327 | 1.159354 |
| #1 | -.000145 | .0002479 | 108.4494 | .0014354 | .0049539 | .0095147 | .2573083 |
| #2 | -.000168 | .0002550 | 108.0821 | .0015531 | .0048664 | .0093953 | .2632426 |
| #3 | -.000153 | .0002430 | 108.3343 | .0011247 | .0050926 | .0094900 | .2612620 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7672602 | 3.042543 | .0072641 | -.000539 | 435.5319 | .0010028 | .1087701 |
| Stddev | .0030583 | .020810 | .0003492 | .000211 | 4.0888 | .0013078 | .0007901 |
| %RSD | .3985999 | .6839729 | 4.806459 | 39.08360 | .9388139 | 130.4070 | .7263708 |
| #1 | .7662007 | 3.035214 | .0070181 | -.000556 | 430.8356 | .0002143 | .1096522 |
| #2 | .7648726 | 3.066026 | .0071105 | -.000741 | 438.3010 | .0025124 | .1081274 |
| #3 | .7707074 | 3.026388 | .0076637 | -.000320 | 437.4591 | .0002818 | .1085308 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.337563 | .0132740 | .0006760 | -.004122 | -.001808 | 1.106724 | .0179950 |
| Stddev | .066371 | .0002111 | .0002121 | .002247 | .001077 | .017868 | .0011312 |
| %RSD | 1.988612 | 1.590187 | 31.38407 | 54.52356 | 59.57988 | 1.614519 | 6.286229 |
| #1 | 3.271714 | .0134506 | .0007679 | -.005879 | -.002389 | 1.099249 | .0193012 |
| #2 | 3.336531 | .0133312 | .0008266 | -.004897 | -.002471 | 1.093807 | .0173309 |
| #3 | 3.404444 | .0130402 | .0004333 | -.001589 | -.000565 | 1.127116 | .0173530 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-09 Acquired: 5/1/2025 18:56:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.751249 | -.018179 | .3481343 |
| Stddev | .003178 | .000677 | .0009111 |
| %RSD | .1814499 | 3.725103 | .2617098 |
| | | | |
| #1 | 1.751177 | -.017599 | .3473929 |
| #2 | 1.754463 | -.018013 | .3478585 |
| #3 | 1.748108 | -.018923 | .3491514 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3027.461 | 71220.81 | 10896.80 | 2759.851 | 4451.125 |
| Stddev | 6.038 | 501.97 | 43.78 | 21.548 | 12.437 |
| %RSD | .1994438 | .7048035 | .4018055 | .7807838 | .2794062 |
| | | | | | |
| #1 | 3020.513 | 71780.62 | 10846.25 | 2770.819 | 4437.981 |
| #2 | 3030.431 | 70810.79 | 10921.30 | 2735.025 | 4452.685 |
| #3 | 3031.438 | 71071.01 | 10922.85 | 2773.709 | 4462.707 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-10 Acquired: 5/1/2025 19:01:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.000453 | -.003983 | .0035452 | .0043333 | -.002231 | .0855751 | .4323975 |
| Stddev | .001024 | .002119 | .0011209 | .0043574 | .001185 | .0112244 | .0030721 |
| %RSD | 226.1673 | 53.19887 | 31.61757 | 100.5574 | 53.11379 | 13.11640 | .7104787 |
| #1 | -.001502 | -.004509 | .0022704 | .0020039 | -.003174 | .0877061 | .4326916 |
| #2 | -.000400 | -.001651 | .0039888 | .0016357 | -.000901 | .0734380 | .4291889 |
| #3 | .000544 | -.005790 | .0043766 | .0093603 | -.002618 | .0955812 | .4353119 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000542 | -.001078 | 2.701582 | .0006025 | -.000318 | .0128632 | 14.75282 |
| Stddev | .0000906 | .000117 | .014883 | .0002601 | .000227 | .0003282 | .06970 |
| %RSD | 167.1622 | 10.89644 | .5509176 | 43.17826 | 71.37430 | 2.551651 | .4724484 |
| #1 | .0001564 | -.001213 | 2.710184 | .0003088 | -.000056 | .0132066 | 14.75329 |
| #2 | .0000226 | -.001010 | 2.684396 | .0006947 | -.000459 | .0125526 | 14.82228 |
| #3 | -.000016 | -.001010 | 2.710166 | .0008039 | -.000439 | .0128306 | 14.68289 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1134391 | 2.797333 | .0008417 | -.000226 | 354.4893 | .0051529 | .1806265 |
| Stddev | .0005854 | .040302 | .0003389 | .000331 | 5.1833 | .0005701 | .0006859 |
| %RSD | .5160296 | 1.440723 | 40.25570 | 146.8546 | 1.462192 | 11.06313 | .3797377 |
| #1 | .1135306 | 2.823873 | .0006927 | -.000222 | 352.3025 | .0045947 | .1813637 |
| #2 | .1128134 | 2.750957 | .0012296 | .000104 | 350.7578 | .0057342 | .1805086 |
| #3 | .1139733 | 2.817168 | .0006030 | -.000559 | 360.4077 | .0051297 | .1800072 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.725092 | .1607087 | -.000415 | -.001508 | .0027198 | .6703333 | .0351376 |
| Stddev | .050743 | .0014827 | .000068 | .001060 | .0007216 | .0120698 | .0013841 |
| %RSD | 1.362206 | .9226272 | 16.46703 | 70.32724 | 26.53208 | 1.800562 | 3.938987 |
| #1 | 3.667791 | .1623892 | -.000350 | -.000921 | .0034998 | .6567090 | .0347933 |
| #2 | 3.743144 | .1595848 | -.000410 | -.002732 | .0025836 | .6746032 | .0366612 |
| #3 | 3.764342 | .1601522 | -.000486 | -.000870 | .0020760 | .6796877 | .0339581 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-10 Acquired: 5/1/2025 19:01:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .8390276 | -.000213 | .0212322 |
| Stddev | .0049296 | .001385 | .0002074 |
| %RSD | .5875354 | 651.1868 | .9766633 |
| | | | |
| #1 | .8422825 | -.001732 | .0210617 |
| #2 | .8333561 | .000117 | .0211720 |
| #3 | .8414443 | .000978 | .0214631 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3127.592 | 72923.17 | 10841.51 | 2848.408 | 4683.570 |
| Stddev | 9.663 | 381.86 | 80.25 | 12.436 | 26.335 |
| %RSD | .3089731 | .5236412 | .7401716 | .4365954 | .5622742 |
| | | | | | |
| #1 | 3119.508 | 72567.27 | 10766.69 | 2839.481 | 4655.410 |
| #2 | 3124.974 | 72875.70 | 10926.26 | 2843.131 | 4687.713 |
| #3 | 3138.295 | 73326.54 | 10831.60 | 2862.612 | 4707.588 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-11 Acquired: 5/1/2025 19:05:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006059 | -.004455 | .0051515 | .0023875 | -.000523 | .3047432 | .3569143 |
| Stddev | .001807 | .001040 | .0006867 | .0019902 | .001275 | .0112793 | .0030155 |
| %RSD | 29.81688 | 23.35160 | 13.33054 | 83.36002 | 243.8673 | 3.701259 | .8448735 |
| #1 | -.006679 | -.005222 | .0059292 | .0017184 | -.000203 | .3151831 | .3597353 |
| #2 | -.007474 | -.004873 | .0048965 | .0008181 | .000562 | .3062670 | .3572714 |
| #3 | -.004024 | -.003271 | .0046288 | .0046261 | -.001928 | .2927794 | .3537362 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000143 | -.000357 | 7.078922 | .0006626 | -.000846 | .0122078 | .0350159 |
| Stddev | .000052 | .000033 | .053787 | .0002205 | .000101 | .0002678 | .0018240 |
| %RSD | 36.51742 | 9.276885 | .7598156 | 33.27861 | 11.95541 | 2.193786 | 5.208985 |
| #1 | -.000165 | -.000336 | 7.133473 | .0004662 | -.000798 | .0123390 | .0370765 |
| #2 | -.000084 | -.000395 | 7.077359 | .0006205 | -.000777 | .0118996 | .0336085 |
| #3 | -.000182 | -.000340 | 7.025933 | .0009012 | -.000962 | .0123846 | .0343626 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0759588 | 7.173294 | -.000012 | -.000421 | 386.7307 | .0030110 | .1746598 |
| Stddev | .0005194 | .037743 | .000320 | .000278 | 2.3986 | .0014928 | .0010523 |
| %RSD | .6838549 | .5261571 | 2691.550 | 65.94534 | .6202207 | 49.57800 | .6025098 |
| #1 | .0762371 | 7.208661 | .000178 | -.000323 | 388.4719 | .0039864 | .1755865 |
| #2 | .0762797 | 7.177664 | .000168 | -.000735 | 383.9948 | .0012925 | .1735158 |
| #3 | .0753595 | 7.133556 | -.000381 | -.000206 | 387.7254 | .0037540 | .1748772 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.736112 | .1495468 | -.000367 | -.001269 | .0053639 | .5231619 | .0542863 |
| Stddev | .019039 | .0022660 | .000113 | .000307 | .0007829 | .0069014 | .0019096 |
| %RSD | .5095876 | 1.515269 | 30.70026 | 24.18519 | 14.59569 | 1.319181 | 3.517577 |
| #1 | 3.716407 | .1521363 | -.000373 | -.001216 | .0059291 | .5154099 | .0530617 |
| #2 | 3.737522 | .1485770 | -.000252 | -.001599 | .0056923 | .5286377 | .0564866 |
| #3 | 3.754407 | .1479270 | -.000478 | -.000992 | .0044703 | .5254381 | .0533105 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1901-11 Acquired: 5/1/2025 19:05:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.028813 | -.005591 | .1083703 |
| Stddev | .002371 | .000874 | .0005306 |
| %RSD | .2304286 | 15.62743 | .4896131 |
| | | | |
| #1 | 1.030943 | -.006597 | .1089131 |
| #2 | 1.026259 | -.005141 | .1083450 |
| #3 | 1.029237 | -.005033 | .1078529 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3114.115 | 73529.18 | 11506.93 | 2833.287 | 4686.515 |
| Stddev | 1.591 | 303.42 | 144.81 | 2.483 | 7.731 |
| %RSD | .0510755 | .4126488 | 1.258498 | .0876318 | .1649578 |
| | | | | | |
| #1 | 3114.095 | 73740.68 | 11345.99 | 2834.995 | 4678.251 |
| #2 | 3115.715 | 73181.54 | 11548.07 | 2830.439 | 4693.571 |
| #3 | 3112.534 | 73665.33 | 11626.72 | 2834.427 | 4687.724 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1905-04 Acquired: 5/1/2025 19:10:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004042 | -.004506 | .0055580 | -.001040 | -.002199 | .0981599 | .1227012 |
| Stddev | .001971 | .000884 | .0003215 | .001717 | .002006 | .0068394 | .0006010 |
| %RSD | 48.75795 | 19.61080 | 5.783747 | 165.0878 | 91.19653 | 6.967608 | .4898393 |
| #1 | -.002226 | -.004094 | .0053855 | -.002734 | -.002899 | .1058825 | .1220101 |
| #2 | -.003763 | -.005520 | .0059289 | -.001086 | -.003762 | .0957298 | .1231016 |
| #3 | -.006138 | -.003903 | .0053596 | .000699 | .000062 | .0928674 | .1229920 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000072 | -.000076 | 4.273567 | .0002279 | .0027423 | .0111394 | .0121566 |
| Stddev | .000028 | .000044 | .018624 | .0002217 | .0001991 | .0004488 | .0010302 |
| %RSD | 39.28234 | 58.24823 | .4357942 | 97.30843 | 7.259809 | 4.029254 | 8.474397 |
| #1 | -.000041 | -.000086 | 4.254403 | -.000018 | .0029193 | .0108049 | .0110795 |
| #2 | -.000096 | -.000115 | 4.274699 | .000412 | .0027807 | .0109639 | .0122580 |
| #3 | -.000078 | -.000028 | 4.291599 | .000290 | .0025268 | .0116495 | .0131324 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.603877 | 1.941402 | .0046716 | -.000277 | 377.0875 | .0005738 | .0397887 |
| Stddev | .002521 | .007909 | .0000041 | .000257 | 9.3754 | .0018200 | .0006085 |
| %RSD | .1571619 | .4074071 | .0872478 | 92.59644 | 2.486272 | 317.1755 | 1.529255 |
| #1 | 1.601640 | 1.948558 | .0046671 | -.000266 | 387.9111 | -.000510 | .0403606 |
| #2 | 1.603384 | 1.942737 | .0046724 | -.000540 | 371.8652 | -.000443 | .0398563 |
| #3 | 1.606608 | 1.932910 | .0046752 | -.000026 | 371.4862 | .002675 | .0391493 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7724891 | .0147490 | -.000935 | -.001478 | .0005878 | .3034597 | .0204996 |
| Stddev | .0130438 | .0012028 | .000299 | .000279 | .0009525 | .0034399 | .0019837 |
| %RSD | 1.688537 | 8.155148 | 31.98222 | 18.87221 | 162.0537 | 1.133564 | 9.676610 |
| #1 | .7720324 | .0156572 | -.000675 | -.001768 | -.000508 | .3011180 | .0216169 |
| #2 | .7596796 | .0152049 | -.001261 | -.001212 | .001221 | .3018520 | .0182093 |
| #3 | .7857551 | .0133849 | -.000868 | -.001453 | .001051 | .3074090 | .0216726 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1905-04 Acquired: 5/1/2025 19:10:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .7773807 | -.005970 | .0338011 |
| Stddev | .0096132 | .000419 | .0001378 |
| %RSD | 1.236618 | 7.024580 | .4077816 |
| | | | |
| #1 | .7683535 | -.006342 | .0338138 |
| #2 | .7874886 | -.005516 | .0336573 |
| #3 | .7762999 | -.006054 | .0339321 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3107.638 | 73508.09 | 11058.56 | 2845.083 | 4671.435 |
| Stddev | 1.468 | 179.38 | 24.77 | 7.039 | 32.340 |
| %RSD | .0472371 | .2440266 | .2239942 | .2474161 | .6922845 |
| | | | | | |
| #1 | 3106.173 | 73300.97 | 11076.70 | 2837.323 | 4648.426 |
| #2 | 3107.631 | 73613.56 | 11030.34 | 2851.057 | 4657.469 |
| #3 | 3109.109 | 73609.74 | 11068.65 | 2846.869 | 4708.411 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1905-08 Acquired: 5/1/2025 19:14:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006438 | -.004900 | .0030038 | .0027435 | -.002969 | .0418024 | .1554594 |
| Stddev | .003258 | .000621 | .0016031 | .0010707 | .001561 | .0066657 | .0025218 |
| %RSD | 50.60953 | 12.68177 | 53.36883 | 39.02859 | 52.58983 | 15.94565 | 1.622144 |
| #1 | -.007652 | -.004343 | .0013939 | .0019882 | -.004770 | .0457945 | .1560398 |
| #2 | -.002747 | -.005570 | .0046000 | .0022734 | -.002139 | .0341074 | .1576404 |
| #3 | -.008914 | -.004787 | .0030173 | .0039688 | -.001997 | .0455052 | .1526980 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000162 | -.000299 | 6.788639 | -.000121 | .0013412 | .0119039 | .1852154 |
| Stddev | .000036 | .000011 | .051953 | .000461 | .0001794 | .0003638 | .0052338 |
| %RSD | 22.42803 | 3.613922 | .7652982 | 381.9965 | 13.37384 | 3.056150 | 2.825776 |
| #1 | -.000125 | -.000308 | 6.800010 | -.000088 | .0011353 | .0121827 | .1863515 |
| #2 | -.000163 | -.000287 | 6.833964 | -.000597 | .0014249 | .0114923 | .1795069 |
| #3 | -.000198 | -.000302 | 6.731941 | .000323 | .0014634 | .0120366 | .1897879 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.145966 | 1.239545 | .0010632 | -.000362 | 370.5930 | -.000206 | .0348413 |
| Stddev | .010428 | .017563 | .0001782 | .000110 | 2.9561 | .003096 | .0002710 |
| %RSD | .9099988 | 1.416882 | 16.76091 | 30.46086 | .7976750 | 1504.627 | .7778444 |
| #1 | 1.151182 | 1.242620 | .0012636 | -.000236 | 367.9921 | .000826 | .0347990 |
| #2 | 1.152758 | 1.255368 | .0009227 | -.000439 | 373.8079 | .002242 | .0345939 |
| #3 | 1.133959 | 1.220648 | .0010033 | -.000411 | 369.9790 | -.003686 | .0351310 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8881952 | .0132585 | -.000935 | -.001666 | .0007532 | .3328844 | .0214830 |
| Stddev | .0262436 | .0008683 | .000276 | .001620 | .0003886 | .0043496 | .0028195 |
| %RSD | 2.954710 | 6.549153 | 29.52018 | 97.25635 | 51.59590 | 1.306642 | 13.12455 |
| #1 | .9014475 | .0124791 | -.001057 | -.000046 | .0010630 | .3378302 | .0182323 |
| #2 | .8579680 | .0141945 | -.000619 | -.001665 | .0003172 | .3296543 | .0229514 |
| #3 | .9051701 | .0131019 | -.001130 | -.003286 | .0008794 | .3311686 | .0232652 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1905-08 Acquired: 5/1/2025 19:14:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .5116267 | -.006916 | .0579377 |
| Stddev | .0058404 | .001001 | .0002728 |
| %RSD | 1.141525 | 14.46785 | .4709433 |
| | | | |
| #1 | .5116311 | -.005801 | .0582007 |
| #2 | .5057841 | -.007735 | .0579564 |
| #3 | .5174648 | -.007211 | .0576560 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3038.245 | 74121.80 | 11492.89 | 2829.394 | 4628.699 |
| Stddev | 21.269 | 588.54 | 164.71 | 4.500 | 14.359 |
| %RSD | .7000365 | .7940133 | 1.433170 | .1590485 | .3102168 |
| | | | | | |
| #1 | 3046.938 | 73442.91 | 11421.21 | 2826.823 | 4643.812 |
| #2 | 3053.791 | 74487.98 | 11376.17 | 2834.590 | 4627.047 |
| #3 | 3014.007 | 74434.50 | 11681.30 | 2826.768 | 4615.237 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-04 Acquired: 5/1/2025 19:19:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006366 | -.005981 | .0137758 | .0057815 | -.002615 | .0387031 | .2554186 |
| Stddev | .002150 | .002870 | .0009396 | .0034952 | .001230 | .0080387 | .0014295 |
| %RSD | 33.78105 | 47.98387 | 6.820336 | 60.45507 | 47.02662 | 20.77025 | .5596602 |
| #1 | -.003922 | -.007482 | .0126917 | .0040120 | -.002796 | .0294270 | .2569007 |
| #2 | -.007968 | -.007788 | .0142828 | .0098076 | -.003745 | .0430459 | .2553068 |
| #3 | -.007207 | -.002672 | .0143530 | .0035249 | -.001305 | .0436364 | .2540483 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002121 | .0009379 | 13.30013 | .0004042 | .0017655 | .0369595 | .0057378 |
| Stddev | .0000623 | .0000218 | .06487 | .0002216 | .0001210 | .0004162 | .0051046 |
| %RSD | 29.37185 | 2.327148 | .4877720 | 54.82342 | 6.853569 | 1.126073 | 88.96372 |
| #1 | .0001717 | .0009537 | 13.37498 | .0003833 | .0016759 | .0366096 | .0039921 |
| #2 | .0001807 | .0009130 | 13.26541 | .0006355 | .0019032 | .0368492 | .0114862 |
| #3 | .0002838 | .0009470 | 13.26001 | .0001938 | .0017175 | .0374198 | .0017351 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5417115 | 1.320996 | .0063665 | -.000657 | 342.6711 | .0002391 | .2010283 |
| Stddev | .0014895 | .010905 | .0000158 | .000153 | 1.4741 | .0014426 | .0005544 |
| %RSD | .2749649 | .8255299 | .2481080 | 23.26940 | .4301757 | 603.3366 | .2757626 |
| #1 | .5434253 | 1.315661 | .0063483 | -.000739 | 341.6289 | -.001359 | .2010994 |
| #2 | .5407288 | 1.333542 | .0063740 | -.000752 | 342.0267 | .001444 | .2004418 |
| #3 | .5409803 | 1.313786 | .0063771 | -.000481 | 344.3576 | .000632 | .2015436 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.212298 | .0226058 | -.000836 | -.002527 | -.000859 | 1.099210 | .0184870 |
| Stddev | .037547 | .0004979 | .000370 | .001688 | .000458 | .009115 | .0017374 |
| %RSD | .8913707 | 2.202540 | 44.22291 | 66.82219 | 53.33863 | .8292192 | 9.397804 |
| #1 | 4.176984 | .0221924 | -.001127 | -.004457 | -.000464 | 1.090205 | .0169036 |
| #2 | 4.208174 | .0224664 | -.000961 | -.001328 | -.000752 | 1.098992 | .0203455 |
| #3 | 4.251737 | .0231585 | -.000420 | -.001795 | -.001361 | 1.108431 | .0182120 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-04 Acquired: 5/1/2025 19:19:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .2929168 | -.003881 | .0924594 |
| Stddev | .0072673 | .000305 | .0004659 |
| %RSD | 2.481017 | 7.868496 | .5039121 |
| | | | |
| #1 | .2857832 | -.004021 | .0929150 |
| #2 | .2926562 | -.003530 | .0919839 |
| #3 | .3003108 | -.004091 | .0924792 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3105.754 | 73222.09 | 12160.38 | 2844.342 | 4689.882 |
| Stddev | 8.568 | 36.82 | 121.52 | 8.512 | 16.880 |
| %RSD | .2758678 | .0502887 | .9993008 | .2992782 | .3599229 |
| | | | | | |
| #1 | 3109.906 | 73239.44 | 12020.21 | 2846.174 | 4670.945 |
| #2 | 3111.455 | 73247.03 | 12236.16 | 2851.790 | 4695.350 |
| #3 | 3095.902 | 73179.79 | 12224.75 | 2835.063 | 4703.350 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV06 Acquired: 5/1/2025 19:23:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.991595 | 5.201720 | 4.919025 | 5.032240 | 5.033669 | 9.918517 | 9.831361 |
| Stddev | .030057 | .055374 | .018068 | .035243 | .048636 | .010920 | .122490 |
| %RSD | .6021448 | 1.064529 | .3672994 | .7003405 | .9662052 | .1101005 | 1.245914 |
| #1 | 4.970698 | 5.141748 | 4.918618 | 5.027593 | 5.002905 | 9.921643 | 9.788252 |
| #2 | 4.978047 | 5.212499 | 4.901164 | 4.999551 | 5.008363 | 9.927534 | 9.736254 |
| #3 | 5.026042 | 5.250911 | 4.937293 | 5.069576 | 5.089740 | 9.906375 | 9.969578 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2473181 | 2.462478 | 23.94146 | .9798948 | 2.457421 | 1.257295 | 4.802451 |
| Stddev | .0009493 | .004333 | .09625 | .0027117 | .005237 | .006382 | .040111 |
| %RSD | .3838582 | .1759785 | .4020212 | .2767304 | .2131014 | .5076368 | .8352124 |
| #1 | .2475499 | 2.463576 | 23.94186 | .9828182 | 2.457292 | 1.253619 | 4.823567 |
| #2 | .2462743 | 2.457702 | 24.03751 | .9774618 | 2.452250 | 1.253601 | 4.827593 |
| #3 | .2481300 | 2.466158 | 23.84501 | .9794044 | 2.462721 | 1.264665 | 4.756194 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.409737 | 23.83520 | 2.462424 | 1.239017 | 24.66462 | 2.451481 | 2.523350 |
| Stddev | .003926 | .06198 | .003474 | .001170 | .16162 | .007032 | .002134 |
| %RSD | .1629257 | .2600539 | .1410611 | .0944365 | .6552559 | .2868618 | .0845690 |
| #1 | 2.411854 | 23.81230 | 2.462969 | 1.240368 | 24.71297 | 2.455988 | 2.524261 |
| #2 | 2.412149 | 23.90538 | 2.458710 | 1.238338 | 24.79655 | 2.455077 | 2.524878 |
| #3 | 2.405206 | 23.78793 | 2.465593 | 1.238345 | 24.48435 | 2.443378 | 2.520912 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.47836 | 5.012215 | 5.047355 | 4.928847 | 4.904095 | 4.756590 | 4.874023 |
| Stddev | .14354 | .023088 | .024283 | .008827 | .013973 | .017035 | .028265 |
| %RSD | .5864002 | .4606370 | .4810978 | .1790873 | .2849294 | .3581365 | .5799033 |
| #1 | 24.52166 | 5.013932 | 5.033810 | 4.928924 | 4.907962 | 4.749582 | 4.854422 |
| #2 | 24.59527 | 4.988316 | 5.032867 | 4.919981 | 4.915727 | 4.776012 | 4.861224 |
| #3 | 24.31816 | 5.034396 | 5.075389 | 4.937634 | 4.888595 | 4.744178 | 4.906423 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV06 Acquired: 5/1/2025 19:23:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.948252 | 4.941781 | 4.906520 |
| Stddev | .019120 | .011135 | .068174 |
| %RSD | .3863922 | .2253198 | 1.389455 |
| | | | |
| #1 | 4.934589 | 4.942638 | 4.955054 |
| #2 | 4.940066 | 4.952463 | 4.828578 |
| #3 | 4.970102 | 4.930243 | 4.935929 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3232.722 | 74794.42 | 10606.02 | 2948.687 | 4844.415 |
| Stddev | 11.309 | 432.21 | 57.33 | 12.082 | 9.901 |
| %RSD | .3498426 | .5778580 | .5405824 | .4097341 | .2043868 |
| | | | | | |
| #1 | 3236.645 | 74312.01 | 10543.89 | 2934.830 | 4841.925 |
| #2 | 3241.548 | 74924.88 | 10656.88 | 2954.217 | 4855.323 |
| #3 | 3219.974 | 75146.37 | 10617.30 | 2957.014 | 4835.996 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB06 Acquired: 5/1/2025 19:27:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.000999 | -.000355 | .0009661 | .0012185 | -.001810 | -.001795 | -.006607 |
| Stddev | .001478 | .000905 | .0019228 | .0026819 | .000826 | .003889 | .000764 |
| %RSD | 148.0230 | 255.2668 | 199.0276 | 220.1016 | 45.60487 | 216.6130 | 11.55845 |
| #1 | -.000700 | -.000781 | .0030948 | .0032903 | -.001509 | .002684 | -.007337 |
| #2 | -.002603 | -.000967 | .0004479 | .0021759 | -.001178 | -.004309 | -.006671 |
| #3 | .000307 | .000685 | -.000645 | -.001811 | -.002744 | -.003761 | -.005814 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000005 | -.000149 | -.005692 | .0001729 | -.000319 | -.000363 | -.011311 |
| Stddev | .000041 | .000187 | .002823 | .0004932 | .000184 | .000424 | .004810 |
| %RSD | 858.1235 | 125.6151 | 49.59323 | 285.2133 | 57.79553 | 116.7802 | 42.52599 |
| #1 | -.000021 | .000020 | -.003811 | .0007336 | -.000124 | .000126 | -.005783 |
| #2 | -.000035 | -.000116 | -.004326 | -.000194 | -.000342 | -.000587 | -.013605 |
| #3 | .000042 | -.000349 | -.008937 | -.000021 | -.000491 | -.000629 | -.014544 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001641 | .0125749 | .0001464 | -.000440 | .1381781 | .0003196 | -.001165 |
| Stddev | .000203 | .0158110 | .0001717 | .000082 | .0081967 | .0013399 | .000321 |
| %RSD | 12.39623 | 125.7345 | 117.2675 | 18.73981 | 5.931978 | 419.1854 | 27.56789 |
| #1 | -.001806 | .0240098 | -.000034 | -.000348 | .1427766 | .0018283 | -.000815 |
| #2 | -.001702 | -.005468 | .000308 | -.000507 | .1287146 | -.000137 | -.001446 |
| #3 | -.001414 | .019183 | .000166 | -.000464 | .1430429 | -.000732 | -.001232 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1971727 | .0051320 | -.000355 | .0069047 | .0013865 | .0017615 | .0064115 |
| Stddev | .0311736 | .0002618 | .000605 | .0007432 | .0004855 | .0070520 | .0034706 |
| %RSD | 15.81028 | 5.101394 | 170.4117 | 10.76306 | 35.01940 | 400.3420 | 54.13039 |
| #1 | .1750097 | .0048399 | .000280 | .0072133 | .0019325 | .0094564 | .0026180 |
| #2 | .2328183 | .0053456 | -.000925 | .0074438 | .0010033 | -.004393 | .0071892 |
| #3 | .1836903 | .0052105 | -.000420 | .0060569 | .0012236 | .000221 | .0094271 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB06 Acquired: 5/1/2025 19:27:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004854 | .0035276 | .0003351 |
| Stddev | .000925 | .0008421 | .0000373 |
| %RSD | 19.05010 | 23.87331 | 11.12511 |
| | | | |
| #1 | -.003949 | .0032531 | .0003400 |
| #2 | -.004815 | .0044727 | .0002957 |
| #3 | -.005797 | .0028569 | .0003697 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3286.745 | 75130.06 | 11035.66 | 2984.392 | 5085.264 |
| Stddev | 12.403 | 378.00 | 22.08 | 29.337 | 18.444 |
| %RSD | .3773604 | .5031216 | .2000341 | .9830198 | .3626913 |
| | | | | | |
| #1 | 3297.628 | 74745.92 | 11059.82 | 2953.057 | 5098.470 |
| #2 | 3289.366 | 75142.66 | 11030.63 | 3011.206 | 5093.131 |
| #3 | 3273.241 | 75501.60 | 11016.53 | 2988.913 | 5064.191 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-08 Acquired: 5/1/2025 19:32:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.003381 | -.003147 | .0361655 | .0036885 | -.001266 | .0313653 | .1790525 |
| Stddev | .001705 | .002839 | .0004179 | .0039403 | .001427 | .0104413 | .0005457 |
| %RSD | 50.42119 | 90.20890 | 1.155591 | 106.8278 | 112.6808 | 33.28937 | .3047939 |
| #1 | -.004253 | -.000380 | .0364959 | -.000701 | .000365 | .0431442 | .1791773 |
| #2 | -.004473 | -.006052 | .0363050 | .004845 | -.001879 | .0232480 | .1784551 |
| #3 | -.001416 | -.003008 | .0356957 | .006921 | -.002285 | .0277036 | .1795250 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000423 | .0015614 | 2.980584 | .0005633 | .0093456 | .0183341 | 3.828338 |
| Stddev | .0000332 | .0001402 | .001228 | .0003794 | .0001279 | .0004028 | .021858 |
| %RSD | 78.42370 | 8.978403 | .0411861 | 67.34239 | 1.368816 | 2.196723 | .5709605 |
| #1 | .0000141 | .0015456 | 2.979218 | .0003997 | .0094455 | .0180884 | 3.803241 |
| #2 | .0000340 | .0014298 | 2.980938 | .0009971 | .0092014 | .0187989 | 3.838569 |
| #3 | .0000788 | .0017089 | 2.981595 | .0002932 | .0093899 | .0181150 | 3.843205 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.682154 | .3692140 | .0063980 | -.000364 | 188.8480 | .0002069 | .2345882 |
| Stddev | .006417 | .0085047 | .0005524 | .000270 | 2.6497 | .0001680 | .0008556 |
| %RSD | .3815043 | 2.303462 | 8.633650 | 74.15955 | 1.403060 | 81.18141 | .3647392 |
| #1 | 1.687909 | .3629191 | .0068315 | -.000133 | 186.7770 | .0003776 | .2341435 |
| #2 | 1.683318 | .3788891 | .0065863 | -.000661 | 187.9332 | .0000417 | .2340464 |
| #3 | 1.675234 | .3658337 | .0057760 | -.000299 | 191.8339 | .0002016 | .2355746 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4488520 | .0249420 | -.001047 | -.001738 | -.000298 | .2686354 | .0109428 |
| Stddev | .0470197 | .0008758 | .000259 | .001200 | .001076 | .0085527 | .0021816 |
| %RSD | 10.47555 | 3.511375 | 24.73434 | 69.03889 | 361.4996 | 3.183776 | 19.93652 |
| #1 | .4901859 | .0246408 | -.000768 | -.002709 | -.000179 | .2625741 | .0126378 |
| #2 | .4586725 | .0259286 | -.001280 | -.000397 | -.001429 | .2649137 | .0117092 |
| #3 | .3976976 | .0242564 | -.001092 | -.002108 | .000715 | .2784185 | .0084814 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-08 Acquired: 5/1/2025 19:32:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .1072841 | -.003462 | .0330761 |
| Stddev | .0049706 | .001922 | .0001303 |
| %RSD | 4.633137 | 55.51104 | .3939223 |
| | | | |
| #1 | .1092414 | -.001325 | .0332181 |
| #2 | .1109780 | -.005048 | .0330482 |
| #3 | .1016327 | -.004012 | .0329621 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3120.766 | 73968.84 | 11286.68 | 2908.404 | 4696.735 |
| Stddev | 17.442 | 280.06 | 115.68 | 14.859 | 14.698 |
| %RSD | .5588984 | .3786195 | 1.024907 | .5109122 | .3129305 |
| | | | | | |
| #1 | 3124.988 | 74273.35 | 11203.53 | 2921.124 | 4697.946 |
| #2 | 3135.709 | 73910.85 | 11237.72 | 2912.018 | 4710.791 |
| #3 | 3101.601 | 73722.31 | 11418.78 | 2892.072 | 4681.470 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-12 Acquired: 5/1/2025 19:36:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004284 | -.006038 | .0286390 | .0015009 | -.002048 | .0349123 | .1870613 |
| Stddev | .001850 | .002801 | .0008616 | .0040116 | .001451 | .0093656 | .0012049 |
| %RSD | 43.18783 | 46.37894 | 3.008509 | 267.2860 | 70.85128 | 26.82607 | .6441096 |
| #1 | -.003021 | -.009260 | .0295379 | .0015079 | -.001023 | .0447379 | .1881515 |
| #2 | -.003423 | -.004674 | .0278203 | -.002514 | -.003708 | .0260869 | .1857677 |
| #3 | -.006407 | -.004181 | .0285589 | .005509 | -.001413 | .0339122 | .1872648 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000142 | .0046378 | 11.01975 | .0003299 | -.000582 | .0197642 | .0126347 |
| Stddev | .000065 | .0000515 | .02935 | .0004219 | .000090 | .0001978 | .0073940 |
| %RSD | 45.51341 | 1.110719 | .2663120 | 127.9017 | 15.43182 | 1.000729 | 58.52135 |
| #1 | -.000216 | .0046473 | 11.02877 | .0003206 | -.000570 | .0196013 | .0204925 |
| #2 | -.000100 | .0046838 | 10.98695 | -.000087 | -.000498 | .0199843 | .0115973 |
| #3 | -.000109 | .0045821 | 11.04353 | .000756 | -.000677 | .0197070 | .0058141 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1912124 | 2.248767 | .0074714 | -.000270 | 321.5014 | .0002286 | .4224899 |
| Stddev | .0010647 | .015303 | .0001208 | .000160 | 1.0468 | .0010339 | .0006538 |
| %RSD | .5568251 | .6805175 | 1.616880 | 59.25443 | .3255861 | 452.3746 | .1547372 |
| #1 | .1923892 | 2.256753 | .0076090 | -.000405 | 322.6062 | -.000798 | .4218555 |
| #2 | .1909321 | 2.231122 | .0074225 | -.000313 | 321.3736 | .000214 | .4231614 |
| #3 | .1903158 | 2.258425 | .0073827 | -.000093 | 320.5244 | .001269 | .4224527 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9953185 | .0198580 | -.000601 | -.003051 | .0002891 | .8623663 | .0564641 |
| Stddev | .0173486 | .0004440 | .000055 | .000617 | .0004626 | .0084186 | .0009124 |
| %RSD | 1.743023 | 2.235962 | 9.217243 | 20.23868 | 159.9956 | .9762147 | 1.615974 |
| #1 | .9753253 | .0195967 | -.000637 | -.002935 | .0005657 | .8719645 | .0565075 |
| #2 | 1.006401 | .0203706 | -.000629 | -.002500 | -.000245 | .8589005 | .0573542 |
| #3 | 1.004229 | .0196066 | -.000538 | -.003718 | .000547 | .8562339 | .0555308 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-12 Acquired: 5/1/2025 19:36:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .2922561 | -.006178 | .0893575 |
| Stddev | .0038370 | .000575 | .0002216 |
| %RSD | 1.312889 | 9.305119 | .2479565 |
| | | | |
| #1 | .2909847 | -.005681 | .0895817 |
| #2 | .2892162 | -.006808 | .0891386 |
| #3 | .2965674 | -.006046 | .0893521 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3087.895 | 73913.12 | 11349.65 | 2866.442 | 4635.310 |
| Stddev | 9.527 | 363.64 | 27.96 | 9.403 | 19.015 |
| %RSD | .3085238 | .4919833 | .2463138 | .3280356 | .4102300 |
| | | | | | |
| #1 | 3092.631 | 73548.84 | 11329.65 | 2855.796 | 4640.532 |
| #2 | 3094.126 | 73914.39 | 11381.59 | 2869.918 | 4651.168 |
| #3 | 3076.928 | 74276.12 | 11337.70 | 2873.612 | 4614.229 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-16 Acquired: 5/1/2025 19:40:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.001572 | -.004895 | .0090589 | .0003008 | -.001801 | .0160267 | .2939418 |
| Stddev | .004217 | .002289 | .0011805 | .0026711 | .000775 | .0111313 | .0011054 |
| %RSD | 268.2012 | 46.75052 | 13.03186 | 888.0759 | 43.01232 | 69.45458 | .3760462 |
| #1 | .002506 | -.002549 | .0098682 | .0033643 | -.001027 | .0286876 | .2947699 |
| #2 | -.005915 | -.005016 | .0096042 | -.000922 | -.002577 | .0116151 | .2926866 |
| #3 | -.001308 | -.007121 | .0077043 | -.001540 | -.001799 | .0077775 | .2943689 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000110 | -.000198 | 10.95720 | .0012429 | -.000858 | .0181487 | .0102881 |
| Stddev | .000042 | .000116 | .01038 | .0001522 | .000264 | .0001815 | .0025566 |
| %RSD | 37.95296 | 58.52010 | .0947180 | 12.24563 | 30.79744 | 1.000342 | 24.85034 |
| #1 | -.000062 | -.000324 | 10.94682 | .0013019 | -.001156 | .0182706 | .0091590 |
| #2 | -.000128 | -.000097 | 10.96758 | .0013568 | -.000651 | .0182355 | .0132149 |
| #3 | -.000139 | -.000172 | 10.95720 | .0010701 | -.000768 | .0179401 | .0084904 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0236907 | .8755489 | .0024664 | -.000474 | 383.2588 | .0016163 | .0894931 |
| Stddev | .0001520 | .0125046 | .0002140 | .000101 | 2.7628 | .0007439 | .0003260 |
| %RSD | .6413747 | 1.428206 | 8.676036 | 21.35711 | .7208743 | 46.02602 | .3643004 |
| #1 | .0235729 | .8638544 | .0023703 | -.000366 | 381.4758 | .0009528 | .0898039 |
| #2 | .0238622 | .8740617 | .0027116 | -.000490 | 381.8593 | .0014756 | .0891538 |
| #3 | .0236370 | .8887307 | .0023173 | -.000566 | 386.4413 | .0024205 | .0895217 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6005131 | .0454879 | -.000817 | .0012030 | .0004482 | .6091314 | .0212044 |
| Stddev | .0367151 | .0005932 | .000464 | .0008583 | .0007098 | .0079073 | .0011016 |
| %RSD | 6.113958 | 1.304136 | 56.82838 | 71.34845 | 158.3521 | 1.298122 | 5.195060 |
| #1 | .6353794 | .0450862 | -.000322 | .0019332 | .0006498 | .6040152 | .0206210 |
| #2 | .6039666 | .0452083 | -.000887 | .0014183 | -.000341 | .6051402 | .0205172 |
| #3 | .5621932 | .0461693 | -.001242 | .0002575 | .001035 | .6182388 | .0224750 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1906-16 Acquired: 5/1/2025 19:40:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .4008765 | -.008318 | .1206894 |
| Stddev | .0048604 | .001478 | .0001511 |
| %RSD | 1.212450 | 17.76336 | .1252323 |
| | | | |
| #1 | .4052912 | -.006628 | .1208639 |
| #2 | .4016701 | -.009363 | .1206014 |
| #3 | .3956680 | -.008964 | .1206029 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3086.199 | 71772.55 | 10957.18 | 2830.671 | 4592.667 |
| Stddev | 4.852 | 156.97 | 52.32 | 12.149 | 12.631 |
| %RSD | .1572207 | .2186990 | .4774765 | .4291763 | .2750216 |
| | | | | | |
| #1 | 3080.722 | 71742.54 | 10985.51 | 2826.321 | 4584.528 |
| #2 | 3087.912 | 71942.35 | 10989.23 | 2844.396 | 4586.256 |
| #3 | 3089.962 | 71632.76 | 10896.81 | 2821.296 | 4607.218 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1907-02 Acquired: 5/1/2025 19:45:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004000 | -.005987 | .0979934 | -.002826 | -.001164 | -.096263 | .1164335 |
| Stddev | .002934 | .000678 | .0022000 | .002077 | .002151 | .011077 | .0011605 |
| %RSD | 73.35912 | 11.32765 | 2.244999 | 73.48332 | 184.8040 | 11.50714 | .9966790 |
| #1 | -.002475 | -.005324 | .0961208 | -.002513 | -.000524 | -.090362 | .1158404 |
| #2 | -.007383 | -.006679 | .1004162 | -.000924 | .000594 | -.109041 | .1156894 |
| #3 | -.002142 | -.005959 | .0974432 | -.005042 | -.003563 | -.089385 | .1177706 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000165 | .0017282 | 152.3429 | -.000387 | .0034838 | .0178161 | .0042265 |
| Stddev | .000037 | .0000377 | .3789 | .000072 | .0004417 | .0004592 | .0054337 |
| %RSD | 22.17511 | 2.178768 | .2487154 | 18.51691 | 12.67793 | 2.577450 | 128.5617 |
| #1 | -.000203 | .0017602 | 152.6098 | -.000324 | .0038559 | .0173068 | .0104557 |
| #2 | -.000131 | .0017377 | 151.9092 | -.000373 | .0029957 | .0181985 | .0004617 |
| #3 | -.000160 | .0016867 | 152.5096 | -.000465 | .0035998 | .0179431 | .0017622 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5920825 | 2.475828 | .0081525 | -.000504 | 314.2739 | .0010341 | .2960523 |
| Stddev | .0031969 | .022437 | .0005248 | .000062 | 2.4416 | .0019054 | .0018385 |
| %RSD | .5399427 | .9062361 | 6.437736 | 12.32808 | .7768936 | 184.2589 | .6210093 |
| #1 | .5954601 | 2.488523 | .0077292 | -.000561 | 316.7775 | .0032211 | .2958903 |
| #2 | .5891038 | 2.449921 | .0087397 | -.000438 | 311.8995 | -.000268 | .2979664 |
| #3 | .5916835 | 2.489039 | .0079886 | -.000515 | 314.1447 | .000149 | .2943001 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.201328 | .0155406 | .0005743 | -.006073 | -.002740 | 1.290550 | .0261473 |
| Stddev | .023458 | .0001620 | .0001711 | .001008 | .000519 | .013701 | .0011165 |
| %RSD | 1.065613 | 1.042465 | 29.79177 | 16.59307 | 18.95265 | 1.061641 | 4.269922 |
| #1 | 2.185130 | .0156408 | .0005067 | -.006456 | -.002344 | 1.275691 | .0263196 |
| #2 | 2.228228 | .0153537 | .0007690 | -.004930 | -.003328 | 1.302683 | .0249547 |
| #3 | 2.190626 | .0156272 | .0004474 | -.006832 | -.002548 | 1.293275 | .0271676 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1907-02 Acquired: 5/1/2025 19:45:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 6.198062 | -.026712 | .5499933 |
| Stddev | .022117 | .000541 | .0004922 |
| %RSD | .3568370 | 2.026502 | .0895016 |
| #1 | 6.223428 | -.026132 | .5494251 |
| #2 | 6.187947 | -.027204 | .5502909 |
| #3 | 6.182811 | -.026799 | .5502639 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3015.973 | 74213.68 | 10727.88 | 2825.836 | 4432.775 |
| Stddev | 3.344 | 106.48 | 25.24 | 16.198 | 3.742 |
| %RSD | .1108758 | .1434824 | .2352772 | .5732002 | .0844175 |
| #1 | 3018.893 | 74170.93 | 10698.81 | 2837.106 | 4435.126 |
| #2 | 3016.702 | 74135.22 | 10740.53 | 2807.274 | 4434.740 |
| #3 | 3012.325 | 74334.90 | 10744.29 | 2833.127 | 4428.460 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-04 Acquired: 5/1/2025 19:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006697 | -.005976 | .0003897 | .0013913 | -.001421 | .0264587 | .4007596 |
| Stddev | .001907 | .001653 | .0018525 | .0021179 | .001675 | .0043633 | .0004023 |
| %RSD | 28.48213 | 27.66773 | 475.4280 | 152.2247 | 117.8004 | 16.49083 | .1003793 |
| #1 | -.006427 | -.006397 | -.000557 | .0008180 | -.003144 | .0251646 | .4002953 |
| #2 | -.004939 | -.004153 | .002524 | -.000381 | -.001321 | .0313226 | .4010064 |
| #3 | -.008725 | -.007378 | -.000799 | .003737 | .000200 | .0228889 | .4009769 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000911 | -.000273 | 6.443650 | -.000192 | -.000726 | .0082318 | -.002400 |
| Stddev | .0000241 | .000087 | .012248 | .000158 | .000102 | .0000474 | .006648 |
| %RSD | 26.50836 | 31.74080 | .1900853 | 81.88557 | 14.08571 | .5755029 | 276.9719 |
| #1 | .0000635 | -.000204 | 6.446618 | -.000372 | -.000828 | .0082564 | -.004883 |
| #2 | .0001083 | -.000245 | 6.454142 | -.000130 | -.000624 | .0081772 | .005132 |
| #3 | .0001014 | -.000370 | 6.430191 | -.000075 | -.000725 | .0082617 | -.007450 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2030646 | 2.271141 | .0003354 | -.000690 | 327.7881 | .0003206 | .1122648 |
| Stddev | .0001168 | .003544 | .0003944 | .000207 | 4.0952 | .0030802 | .0001501 |
| %RSD | .0575289 | .1560283 | 117.5879 | 30.00266 | 1.249350 | 960.7258 | .1337076 |
| #1 | .2029806 | 2.268185 | -.000088 | -.000927 | 328.1283 | -.002669 | .1123775 |
| #2 | .2030152 | 2.275070 | .000692 | -.000601 | 331.7026 | .000147 | .1120944 |
| #3 | .2031980 | 2.270170 | .000402 | -.000542 | 323.5334 | .003484 | .1123224 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.154298 | .0644949 | -.001027 | -.001431 | .0005279 | .6587696 | .0423034 |
| Stddev | .016354 | .0003495 | .000455 | .000314 | .0002305 | .0025189 | .0034757 |
| %RSD | 1.416819 | .5419660 | 44.27005 | 21.90715 | 43.66974 | .3823597 | 8.216076 |
| #1 | 1.160801 | .0642513 | -.001552 | -.001108 | .0002777 | .6566029 | .0397898 |
| #2 | 1.166401 | .0648954 | -.000764 | -.001734 | .0007318 | .6581727 | .0408505 |
| #3 | 1.135693 | .0643380 | -.000765 | -.001452 | .0005743 | .6615334 | .0462697 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-04 Acquired: 5/1/2025 19:49:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .4638565 | -.004458 | .0417007 |
| Stddev | .0045696 | .000555 | .0001994 |
| %RSD | .9851405 | 12.45919 | .4781781 |
| | | | |
| #1 | .4684397 | -.003999 | .0414721 |
| #2 | .4593005 | -.004299 | .0417912 |
| #3 | .4638292 | -.005075 | .0418388 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3098.251 | 72454.03 | 10979.86 | 2841.767 | 4605.922 |
| Stddev | 10.386 | 205.46 | 23.34 | 9.047 | 28.103 |
| %RSD | .3352335 | .2835796 | .2125819 | .3183439 | .6101590 |
| | | | | | |
| #1 | 3088.750 | 72679.88 | 11002.67 | 2837.039 | 4575.519 |
| #2 | 3109.340 | 72278.18 | 10980.89 | 2836.064 | 4630.948 |
| #3 | 3096.662 | 72404.03 | 10956.02 | 2852.198 | 4611.299 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-08 Acquired: 5/1/2025 19:54:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.004273 | -.005688 | .0005297 | .0057878 | -.004801 | .0398498 | .5287798 |
| Stddev | .000982 | .001670 | .0027719 | .0026581 | .000816 | .0063818 | .0014669 |
| %RSD | 22.97446 | 29.37074 | 523.3071 | 45.92573 | 16.99428 | 16.01450 | .2774062 |
| #1 | -.003793 | -.007587 | .0009461 | .0043979 | -.004150 | .0434701 | .5299924 |
| #2 | -.003624 | -.004448 | -.002427 | .0088527 | -.005716 | .0435982 | .5291977 |
| #3 | -.005403 | -.005028 | .003070 | .0041129 | -.004537 | .0324812 | .5271493 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000197 | .0003558 | 12.11627 | .0019747 | .0037329 | .0568130 | .0107840 |
| Stddev | .000014 | .0001066 | .04740 | .0003529 | .0002463 | .0004899 | .0022095 |
| %RSD | 7.122746 | 29.96941 | .3912273 | 17.87035 | 6.596761 | .8622196 | 20.48903 |
| #1 | -.000183 | .0004057 | 12.16500 | .0015679 | .0034818 | .0563917 | .0129740 |
| #2 | -.000211 | .0004283 | 12.11351 | .0021576 | .0037429 | .0566969 | .0108227 |
| #3 | -.000195 | .0002334 | 12.07032 | .0021987 | .0039739 | .0573505 | .0085554 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.417385 | 3.137546 | .0040056 | -.000782 | 421.3420 | -.000008 | .0774393 |
| Stddev | .023552 | .013656 | .0001610 | .000551 | 5.9947 | .000885 | .0003716 |
| %RSD | .4347400 | .4352527 | 4.019624 | 70.50349 | 1.422762 | 11339.33 | .4798459 |
| #1 | 5.437412 | 3.152583 | .0038431 | -.000920 | 428.0094 | -.000022 | .0771091 |
| #2 | 5.423304 | 3.125916 | .0040085 | -.001251 | 419.6196 | -.000886 | .0773671 |
| #3 | 5.391438 | 3.134139 | .0041651 | -.000175 | 416.3971 | .000884 | .0778417 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.822539 | .0375873 | -.001160 | -.002088 | -.000393 | .8204160 | .0208020 |
| Stddev | .032433 | .0010528 | .000332 | .000569 | .000211 | .0091396 | .0029990 |
| %RSD | 1.779559 | 2.800954 | 28.61678 | 27.25153 | 53.68982 | 1.114023 | 14.41692 |
| #1 | 1.803862 | .0387964 | -.001477 | -.001452 | -.000296 | .8253605 | .0190826 |
| #2 | 1.803765 | .0368733 | -.000814 | -.002549 | -.000635 | .8098693 | .0242650 |
| #3 | 1.859989 | .0370923 | -.001190 | -.002264 | -.000248 | .8260181 | .0190585 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1912-08 Acquired: 5/1/2025 19:54:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .3612594 | -.003714 | .0544581 |
| Stddev | .0011555 | .000616 | .0001243 |
| %RSD | .3198560 | 16.59233 | .2282131 |
| | | | |
| #1 | .3620737 | -.003085 | .0545737 |
| #2 | .3617676 | -.004316 | .0544741 |
| #3 | .3599369 | -.003741 | .0543267 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3073.954 | 72866.60 | 11159.41 | 2836.959 | 4527.060 |
| Stddev | 4.342 | 264.83 | 77.70 | 7.800 | 8.406 |
| %RSD | .1412617 | .3634480 | .6963067 | .2749440 | .1856877 |
| | | | | | |
| #1 | 3072.745 | 72615.11 | 11073.31 | 2828.052 | 4520.668 |
| #2 | 3078.772 | 73143.01 | 11224.32 | 2840.259 | 4536.582 |
| #3 | 3070.343 | 72841.67 | 11180.59 | 2842.567 | 4523.930 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1913-02 Acquired: 5/1/2025 19:58:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.006906 | -.003456 | .0002859 | .0003436 | -.003526 | -.015927 | .0212170 |
| Stddev | .002571 | .000524 | .0001111 | .0024905 | .000878 | .006465 | .0010539 |
| %RSD | 37.22209 | 15.15387 | 38.86727 | 724.7180 | 24.88686 | 40.58806 | 4.967036 |
| #1 | -.006869 | -.003924 | .0002265 | .0032124 | -.003183 | -.015210 | .0200325 |
| #2 | -.009495 | -.002890 | .0002170 | -.001264 | -.004524 | -.022720 | .0215675 |
| #3 | -.004354 | -.003553 | .0004141 | -.000917 | -.002872 | -.009851 | .0220509 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000234 | -.000359 | 44.33700 | .0245891 | -.000641 | .0024974 | .0139464 |
| Stddev | .000080 | .000081 | .05227 | .0000650 | .000139 | .0000717 | .0060371 |
| %RSD | 34.24036 | 22.65048 | .1178833 | .2642580 | 21.72443 | 2.870807 | 43.28762 |
| #1 | -.000278 | -.000389 | 44.27978 | .0245619 | -.000689 | .0025010 | .0070337 |
| #2 | -.000282 | -.000422 | 44.34900 | .0245421 | -.000750 | .0025672 | .0181821 |
| #3 | -.000141 | -.000267 | 44.38222 | .0246633 | -.000484 | .0024240 | .0166234 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001201 | .0336895 | .0026215 | -.000269 | 6.672130 | .0025753 | .0036230 |
| Stddev | .000419 | .0011280 | .0000922 | .000221 | .040903 | .0014961 | .0003373 |
| %RSD | 34.85384 | 3.348144 | 3.516360 | 82.32574 | .6130384 | 58.09532 | 9.309208 |
| #1 | -.000719 | .0327329 | .0027186 | -.000523 | 6.685565 | .0023465 | .0038854 |
| #2 | -.001415 | .0349333 | .0026107 | -.000128 | 6.704626 | .0041727 | .0037410 |
| #3 | -.001469 | .0334024 | .0025352 | -.000154 | 6.626200 | .0012068 | .0032426 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.555628 | .0033790 | .1090263 | -.004239 | -.001169 | .3677135 | .0152380 |
| Stddev | .091709 | .0005580 | .0003204 | .001011 | .000528 | .0147661 | .0001220 |
| %RSD | .9597426 | 16.51463 | .2939126 | 23.84858 | 45.19155 | 4.015653 | .8007872 |
| #1 | 9.527831 | .0035001 | .1087713 | -.004091 | -.001772 | .3824231 | .0153561 |
| #2 | 9.658020 | .0038666 | .1093860 | -.003310 | -.000792 | .3678260 | .0152455 |
| #3 | 9.481032 | .0027704 | .1089217 | -.005315 | -.000942 | .3528915 | .0151124 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1913-02 Acquired: 5/1/2025 19:58:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 15.58697 | -.001997 | .1402801 |
| Stddev | .02819 | .001122 | .0002180 |
| %RSD | .1808356 | 56.17510 | .1553687 |
| #1 | 15.55670 | -.000892 | .1404645 |
| #2 | 15.61245 | -.003135 | .1403363 |
| #3 | 15.59177 | -.001963 | .1400396 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3163.732 | 75671.82 | 11005.44 | 2952.623 | 4950.223 |
| Stddev | 5.909 | 11.96 | 29.66 | 9.131 | 8.276 |
| %RSD | .1867769 | .0158115 | .2695408 | .3092671 | .1671768 |
| #1 | 3161.195 | 75674.29 | 10991.93 | 2947.463 | 4943.922 |
| #2 | 3159.516 | 75658.81 | 11039.45 | 2947.240 | 4947.153 |
| #3 | 3170.486 | 75682.36 | 10984.93 | 2963.166 | 4959.596 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1913-04 Acquired: 5/1/2025 20:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005442 | -.004468 | .0015726 | .0046693 | -.003768 | -.060036 | .1271546 |
| Stddev | .003315 | .001666 | .0015025 | .0019567 | .000143 | .007321 | .0014400 |
| %RSD | 60.90446 | 37.28005 | 95.54356 | 41.90578 | 3.799336 | 12.19523 | 1.132459 |
| #1 | -.008284 | -.003349 | .0000757 | .0049003 | -.003926 | -.068483 | .1283582 |
| #2 | -.006242 | -.003673 | .0030808 | .0026074 | -.003732 | -.055510 | .1255593 |
| #3 | -.001801 | -.006383 | .0015614 | .0065003 | -.003647 | -.056115 | .1275465 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000178 | -.000437 | 126.5270 | .0024021 | -.001188 | .0036539 | .0890906 |
| Stddev | .000020 | .000109 | .1249 | .0003382 | .000266 | .0001064 | .0048577 |
| %RSD | 11.09443 | 24.99845 | .0986833 | 14.07935 | 22.41982 | 2.912933 | 5.452589 |
| #1 | -.000191 | -.000377 | 126.6673 | .0026241 | -.001107 | .0037565 | .0840552 |
| #2 | -.000155 | -.000563 | 126.4281 | .0025692 | -.001485 | .0035440 | .0894679 |
| #3 | -.000187 | -.000371 | 126.4854 | .0020128 | -.000971 | .0036612 | .0937487 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003505 | .0271106 | .0001920 | -.000644 | 52.10359 | .0005408 | .0091264 |
| Stddev | .000142 | .0116358 | .0001581 | .000437 | .33933 | .0015895 | .0004876 |
| %RSD | 4.037964 | 42.91957 | 82.36079 | 67.88396 | .6512543 | 293.9356 | 5.343017 |
| #1 | -.003566 | .0166637 | .0003040 | -.000836 | 52.24730 | -.001270 | .0095837 |
| #2 | -.003606 | .0250172 | .0002607 | -.000953 | 52.34742 | .001189 | .0091824 |
| #3 | -.003343 | .0396509 | .0000111 | -.000144 | 51.71606 | .001704 | .0086132 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 51.71290 | .0042936 | .1842700 | -.006337 | -.002977 | .3175677 | .0125655 |
| Stddev | .32719 | .0003600 | .0007309 | .001103 | .001295 | .0070609 | .0017206 |
| %RSD | .6327033 | 8.384080 | .3966438 | 17.41250 | 43.49556 | 2.223419 | 13.69294 |
| #1 | 51.97711 | .0046570 | .1847017 | -.005917 | -.003386 | .3257051 | .0141893 |
| #2 | 51.81468 | .0039371 | .1846822 | -.005504 | -.004018 | .3139384 | .0107622 |
| #3 | 51.34692 | .0042868 | .1834261 | -.007588 | -.001527 | .3130597 | .0127449 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1913-04 Acquired: 5/1/2025 20:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 10.25274 | .0001965 | .8376549 |
| Stddev | .02564 | .0012614 | .0028028 |
| %RSD | .2501222 | 641.9843 | .3345976 |
| | | | |
| #1 | 10.26509 | -.000946 | .8396311 |
| #2 | 10.26987 | -.000015 | .8388864 |
| #3 | 10.22326 | .001550 | .8344472 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3036.452 | 70327.36 | 11094.29 | 2806.344 | 4579.897 |
| Stddev | 5.332 | 74.67 | 41.94 | 12.801 | 5.946 |
| %RSD | .1756113 | .1061785 | .3780761 | .4561299 | .1298175 |
| | | | | | |
| #1 | 3036.713 | 70317.35 | 11122.58 | 2801.399 | 4578.974 |
| #2 | 3030.994 | 70258.20 | 11114.18 | 2796.753 | 4574.467 |
| #3 | 3041.650 | 70406.53 | 11046.10 | 2820.879 | 4586.250 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1915-01 Acquired: 5/1/2025 20:07:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.003475 | -.005331 | .1791401 | .0023899 | -.000973 | -.056112 | .9196732 |
| Stddev | .001248 | .003688 | .0011490 | .0068526 | .004590 | .006411 | .0023343 |
| %RSD | 35.91731 | 69.19317 | .6413732 | 286.7331 | 471.8313 | 11.42599 | .2538206 |
| #1 | -.004829 | -.001097 | .1797172 | .0074908 | -.004357 | -.062975 | .9187823 |
| #2 | -.002371 | -.007853 | .1778170 | -.005399 | .004252 | -.055082 | .9223217 |
| #3 | -.003225 | -.007042 | .1798861 | .005078 | -.002814 | -.050277 | .9179155 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000154 | .0014434 | 140.0666 | .0011045 | .0117965 | .0159202 | .1101311 |
| Stddev | .000071 | .0001216 | .6134 | .0001527 | .0000516 | .0004102 | .0062996 |
| %RSD | 46.51823 | 8.425790 | .4379142 | 13.82350 | .4375867 | 2.576767 | 5.720122 |
| #1 | -.000172 | .0013652 | 140.7695 | .0011493 | .0117463 | .0158102 | .1094724 |
| #2 | -.000214 | .0015835 | 139.7908 | .0009345 | .0117938 | .0155762 | .1041867 |
| #3 | -.000075 | .0013814 | 139.6396 | .0012299 | .0118495 | .0163742 | .1167342 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.478582 | 4.406631 | .0054878 | -.000627 | 697.1959 | .0002911 | .3047399 |
| Stddev | .005795 | .028705 | .0001455 | .000151 | 2.6130 | .0003739 | .0006275 |
| %RSD | .3918984 | .6513992 | 2.650554 | 24.06674 | .3747809 | 128.4354 | .2059017 |
| #1 | 1.484855 | 4.439734 | .0055798 | -.000795 | 694.5096 | .0006146 | .3051949 |
| #2 | 1.477461 | 4.391527 | .0053202 | -.000504 | 697.3491 | .0003770 | .3040241 |
| #3 | 1.473430 | 4.388631 | .0055636 | -.000581 | 699.7288 | -.000118 | .3050007 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.609950 | .0846686 | -.000264 | -.005476 | -.003132 | 1.246476 | .0482253 |
| Stddev | .037143 | .0006833 | .000346 | .000811 | .000275 | .003319 | .0032250 |
| %RSD | 1.028901 | .8070683 | 130.9935 | 14.80896 | 8.779188 | .2662537 | 6.687399 |
| #1 | 3.567505 | .0852668 | -.000199 | -.005163 | -.003414 | 1.245977 | .0514812 |
| #2 | 3.625842 | .0839239 | -.000639 | -.006396 | -.002865 | 1.243435 | .0481626 |
| #3 | 3.636502 | .0848153 | .000045 | -.004867 | -.003119 | 1.250016 | .0450321 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: Q1915-01 Acquired: 5/1/2025 20:07:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 1.457512 | -.026021 | .5262079 |
| Stddev | .002912 | .000394 | .0011845 |
| %RSD | .1998104 | 1.514755 | .2251056 |
| #1 | 1.457927 | -.026471 | .5264369 |
| #2 | 1.454415 | -.025739 | .5272612 |
| #3 | 1.460195 | -.025852 | .5249256 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2977.487 | 69064.76 | 11597.38 | 2720.182 | 4317.210 |
| Stddev | 14.883 | 211.83 | 120.52 | 13.351 | 34.844 |
| %RSD | .4998473 | .3067171 | 1.039223 | .4908087 | .8070847 |
| #1 | 2964.873 | 69215.81 | 11458.28 | 2722.624 | 4282.949 |
| #2 | 2993.902 | 69155.85 | 11663.08 | 2705.779 | 4352.608 |
| #3 | 2973.687 | 68822.62 | 11670.78 | 2732.144 | 4316.074 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV07 Acquired: 5/1/2025 20:11:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.085316 | 5.194143 | 4.977323 | 5.120992 | 5.067441 | 9.854250 | 9.785721 |
| Stddev | .015165 | .007261 | .009867 | .022571 | .023008 | .053625 | .102493 |
| %RSD | .2982106 | .1397868 | .1982374 | .4407489 | .4540429 | .5441782 | 1.047372 |
| #1 | 5.078231 | 5.198157 | 4.982493 | 5.104190 | 5.055052 | 9.869328 | 9.668353 |
| #2 | 5.074989 | 5.198511 | 4.965946 | 5.112138 | 5.053282 | 9.794701 | 9.831237 |
| #3 | 5.102726 | 5.185762 | 4.983531 | 5.146647 | 5.093990 | 9.898722 | 9.857573 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2511094 | 2.501416 | 24.22199 | .9949852 | 2.487239 | 1.271136 | 4.840156 |
| Stddev | .0007012 | .004354 | .10640 | .0024201 | .004401 | .004459 | .033452 |
| %RSD | .2792332 | .1740701 | .4392513 | .2432307 | .1769604 | .3508009 | .6911349 |
| #1 | .2517085 | 2.505801 | 24.29963 | .9973620 | 2.488314 | 1.267869 | 4.838634 |
| #2 | .2503382 | 2.497094 | 24.10071 | .9925240 | 2.482399 | 1.269322 | 4.807491 |
| #3 | .2512816 | 2.501353 | 24.26562 | .9950696 | 2.491002 | 1.276216 | 4.874343 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.417670 | 24.25893 | 2.497551 | 1.246940 | 24.53026 | 2.448513 | 2.530466 |
| Stddev | .007695 | .10037 | .003562 | .002379 | .13516 | .006821 | .007165 |
| %RSD | .3183016 | .4137461 | .1426154 | .1907621 | .5510005 | .2785585 | .2831469 |
| #1 | 2.416448 | 24.34772 | 2.499781 | 1.247506 | 24.51937 | 2.448157 | 2.528703 |
| #2 | 2.410659 | 24.15003 | 2.493443 | 1.244329 | 24.40087 | 2.441878 | 2.538348 |
| #3 | 2.425904 | 24.27906 | 2.499428 | 1.248984 | 24.67053 | 2.455505 | 2.524347 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.20268 | 5.032849 | 5.049505 | 5.003956 | 4.882281 | 4.755722 | 5.027420 |
| Stddev | .10171 | .011176 | .012096 | .001521 | .013995 | .025145 | .001346 |
| %RSD | .4202267 | .2220548 | .2395429 | .0303994 | .2866531 | .5287289 | .0267783 |
| #1 | 24.20370 | 5.042822 | 5.048832 | 5.003461 | 4.882252 | 4.741630 | 5.028093 |
| #2 | 24.10047 | 5.020771 | 5.037760 | 5.002744 | 4.868300 | 4.740784 | 5.028297 |
| #3 | 24.30387 | 5.034956 | 5.061923 | 5.005663 | 4.896290 | 4.784753 | 5.025870 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV07 Acquired: 5/1/2025 20:11:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.067252 | 4.820609 | 4.892307 |
| Stddev | .018613 | .015907 | .029181 |
| %RSD | .3673269 | .3299745 | .5964680 |
| | | | |
| #1 | 5.052597 | 4.819678 | 4.878177 |
| #2 | 5.060965 | 4.805189 | 4.925864 |
| #3 | 5.088195 | 4.836961 | 4.872881 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3162.975 | 72445.91 | 10260.28 | 2892.339 | 4711.173 |
| Stddev | 7.455 | 254.87 | 45.89 | 9.581 | 14.434 |
| %RSD | .2357107 | .3518114 | .4472226 | .3312585 | .3063703 |
| | | | | | |
| #1 | 3157.086 | 72257.13 | 10211.58 | 2882.094 | 4699.433 |
| #2 | 3160.482 | 72735.83 | 10302.70 | 2901.077 | 4706.797 |
| #3 | 3171.358 | 72344.76 | 10266.57 | 2893.847 | 4727.288 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB07 Acquired: 5/1/2025 20:15:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.000223 | .0007361 | .0008115 | .0010115 | -.001824 | -.003827 | -.006945 |
| Stddev | .002803 | .0006623 | .0012817 | .0016836 | .001908 | .004351 | .000525 |
| %RSD | 1258.442 | 89.96928 | 157.9358 | 166.4434 | 104.6536 | 113.6710 | 7.564739 |
| #1 | -.000992 | .0013342 | .0011822 | -.000820 | .000292 | .001129 | -.006833 |
| #2 | .002885 | .0008499 | -.000615 | .001362 | -.003417 | -.005593 | -.007517 |
| #3 | -.002561 | .0000243 | .001867 | .002492 | -.002346 | -.007017 | -.006484 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000000 | -.000158 | .0057190 | .0005743 | -.000230 | -.000357 | -.011603 |
| Stddev | .000035 | .000125 | .0101856 | .0004139 | .000151 | .000052 | .004133 |
| %RSD | 9416.126 | 79.50227 | 178.1013 | 72.07077 | 65.72119 | 14.55411 | 35.61954 |
| #1 | -.000040 | -.000136 | .0130636 | .0003234 | -.000383 | -.000332 | -.012484 |
| #2 | .000019 | -.000292 | -.005909 | .0003475 | -.000081 | -.000417 | -.007101 |
| #3 | .000020 | -.000044 | .010002 | .0010520 | -.000225 | -.000322 | -.015225 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001478 | .0306312 | .0004682 | -.000257 | .2030050 | .0015709 | -.000995 |
| Stddev | .000138 | .0100496 | .0002862 | .000019 | .0095078 | .0006449 | .000315 |
| %RSD | 9.328818 | 32.80842 | 61.12328 | 7.362745 | 4.683522 | 41.05290 | 31.68998 |
| #1 | -.001607 | .0383517 | .0006512 | -.000246 | .2135980 | .0017207 | -.001198 |
| #2 | -.001495 | .0342737 | .0006149 | -.000246 | .1952105 | .0008643 | -.000632 |
| #3 | -.001333 | .0192683 | .0001384 | -.000278 | .2002066 | .0021277 | -.001156 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1611280 | .0037921 | -.000144 | .0055036 | .0008136 | .0137669 | .0068059 |
| Stddev | .0178102 | .0004272 | .000078 | .0003785 | .0005477 | .0104595 | .0019654 |
| %RSD | 11.05345 | 11.26413 | 54.32580 | 6.877390 | 67.31968 | 75.97562 | 28.87765 |
| #1 | .1450704 | .0042674 | -.000112 | .0059403 | .0013740 | .0116397 | .0047371 |
| #2 | .1802842 | .0034402 | -.000088 | .0052684 | .0002795 | .0045345 | .0086482 |
| #3 | .1580296 | .0036687 | -.000234 | .0053023 | .0007872 | .0251264 | .0070323 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB07 Acquired: 5/1/2025 20:15:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.005932 | .0038711 | .0002682 |
| Stddev | .002720 | .0003181 | .0000290 |
| %RSD | 45.85154 | 8.217071 | 10.80022 |
| | | | |
| #1 | -.008486 | .0037037 | .0002438 |
| #2 | -.003072 | .0036716 | .0002606 |
| #3 | -.006238 | .0042379 | .0003002 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3278.363 | 74844.01 | 11679.71 | 3002.516 | 5062.927 |
| Stddev | 9.159 | 299.20 | 66.88 | 9.829 | 12.381 |
| %RSD | .2793799 | .3997667 | .5726211 | .3273608 | .2445445 |
| | | | | | |
| #1 | 3278.610 | 74670.81 | 11602.56 | 2993.267 | 5063.753 |
| #2 | 3287.396 | 75189.50 | 11715.31 | 3012.837 | 5074.874 |
| #3 | 3269.083 | 74671.72 | 11721.25 | 3001.446 | 5050.153 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167805TB Acquired: 5/1/2025 20:20:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.002294 | -.003522 | .0009537 | .0035709 | -.003921 | -.005902 | -.012329 |
| Stddev | .002269 | .001480 | .0017537 | .0069912 | .000100 | .013823 | .001350 |
| %RSD | 98.94129 | 42.02881 | 183.8840 | 195.7807 | 2.541336 | 234.1882 | 10.94636 |
| #1 | -.001213 | -.004802 | .0024844 | .0085781 | -.003831 | .008631 | -.013270 |
| #2 | -.000767 | -.003865 | .0013365 | .0065513 | -.004028 | -.018884 | -.012933 |
| #3 | -.004901 | -.001901 | -.000960 | -.004417 | -.003904 | -.007454 | -.010782 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000120 | -.000353 | .0058074 | .0031809 | -.000746 | .0003052 | .0078398 |
| Stddev | .000089 | .000073 | .0066076 | .0003639 | .000123 | .0000940 | .0033091 |
| %RSD | 74.58409 | 20.63926 | 113.7802 | 11.44107 | 16.41918 | 30.80900 | 42.20835 |
| #1 | -.000020 | -.000375 | .0118049 | .0034465 | -.000695 | .0002552 | .0115807 |
| #2 | -.000149 | -.000272 | .0068931 | .0033301 | -.000886 | .0004137 | .0052956 |
| #3 | -.000191 | -.000413 | -.001276 | .0027660 | -.000658 | .0002468 | .0066430 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0289135 | .0053097 | .0027188 | -.000473 | 435.9084 | .0008748 | .0013483 |
| Stddev | .0006087 | .0038919 | .0003522 | .000205 | 3.1863 | .0003447 | .0002636 |
| %RSD | 2.105149 | 73.29837 | 12.95563 | 43.27867 | .7309598 | 39.40525 | 19.55157 |
| #1 | .0296152 | .0029018 | .0029212 | -.000400 | 435.0794 | .0004839 | .0015758 |
| #2 | .0285983 | .0097997 | .0029232 | -.000314 | 439.4272 | .0010054 | .0014096 |
| #3 | .0285271 | .0032275 | .0023121 | -.000704 | 433.2185 | .0011351 | .0010594 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0875146 | -.000328 | -.000485 | -.000251 | -.000101 | .0016224 | .0166493 |
| Stddev | .0285153 | .000258 | .000093 | .001408 | .000593 | .0072218 | .0035893 |
| %RSD | 32.58349 | 78.48207 | 19.25636 | 561.0273 | 589.2665 | 445.1368 | 21.55831 |
| #1 | .0545885 | -.000557 | -.000558 | .000911 | -.000768 | -.006591 | .0201547 |
| #2 | .1038159 | -.000378 | -.000516 | -.001817 | .000367 | .004477 | .0168116 |
| #3 | .1041393 | -.000049 | -.000380 | .000153 | .000099 | .006980 | .0129816 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: PB167805TB Acquired: 5/1/2025 20:20:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0128385 | -.005303 | -.000149 |
| Stddev | .0060076 | .000942 | .000030 |
| %RSD | 46.79383 | 17.76721 | 20.08044 |
| | | | |
| #1 | .0197160 | -.005054 | -.000184 |
| #2 | .0086141 | -.006345 | -.000132 |
| #3 | .0101855 | -.004511 | -.000132 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3121.651 | 73313.53 | 11811.11 | 2858.537 | 4656.497 |
| Stddev | 10.419 | 646.09 | 7.86 | 30.332 | 18.680 |
| %RSD | .3337804 | .8812716 | .0665671 | 1.061095 | .4011512 |
| | | | | | |
| #1 | 3128.416 | 72848.69 | 11808.66 | 2836.580 | 4661.730 |
| #2 | 3109.652 | 74051.30 | 11819.90 | 2893.147 | 4635.759 |
| #3 | 3126.885 | 73040.59 | 11804.75 | 2845.884 | 4672.002 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV08 Acquired: 5/1/2025 20:24:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.180730 | 5.148864 | 4.990549 | 5.267511 | 5.230887 | 9.907468 | 9.883431 |
| Stddev | .021654 | .036759 | .028352 | .013510 | .024561 | .024846 | .033181 |
| %RSD | .4179685 | .7139286 | .5681129 | .2564757 | .4695342 | .2507839 | .3357270 |
| | | | | | | | |
| #1 | 5.184749 | 5.139598 | 5.003052 | 5.258357 | 5.231180 | 9.932522 | 9.900098 |
| #2 | 5.157348 | 5.117624 | 4.958095 | 5.261150 | 5.206181 | 9.882834 | 9.845220 |
| #3 | 5.200093 | 5.189369 | 5.010500 | 5.283028 | 5.255300 | 9.907046 | 9.904975 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2418440 | 2.490314 | 24.07312 | .9803993 | 2.499132 | 1.294624 | 4.920082 |
| Stddev | .0029921 | .015373 | .12589 | .0010019 | .013180 | .003577 | .028298 |
| %RSD | 1.237213 | .6172971 | .5229286 | .1021942 | .5273986 | .2762947 | .5751567 |
| | | | | | | | |
| #1 | .2446057 | 2.492503 | 24.15723 | .9807707 | 2.501665 | 1.295545 | 4.887654 |
| #2 | .2422610 | 2.473965 | 24.13372 | .9811624 | 2.484869 | 1.290677 | 4.932824 |
| #3 | .2386652 | 2.504475 | 23.92839 | .9792647 | 2.510862 | 1.297651 | 4.939770 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.417815 | 23.81373 | 2.503099 | 1.239819 | 24.95886 | 2.453468 | 2.502437 |
| Stddev | .005486 | .15426 | .012821 | .001137 | .25958 | .010288 | .005623 |
| %RSD | .2268941 | .6477978 | .5122039 | .0917451 | 1.040021 | .4193144 | .2246891 |
| | | | | | | | |
| #1 | 2.421329 | 23.98365 | 2.507585 | 1.238899 | 24.70973 | 2.459753 | 2.508367 |
| #2 | 2.420623 | 23.77505 | 2.488638 | 1.241091 | 24.93907 | 2.459055 | 2.501760 |
| #3 | 2.411494 | 23.68249 | 2.513075 | 1.239469 | 25.22776 | 2.441595 | 2.497183 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.70061 | 4.925912 | 5.128452 | 4.979612 | 4.920426 | 4.859784 | 4.903458 |
| Stddev | .23260 | .055228 | .020539 | .035185 | .004128 | .056250 | .023235 |
| %RSD | .9416774 | 1.121171 | .4004962 | .7065765 | .0839035 | 1.157468 | .4738522 |
| | | | | | | | |
| #1 | 24.46710 | 4.974723 | 5.128128 | 4.979632 | 4.922166 | 4.816876 | 4.925468 |
| #2 | 24.70244 | 4.937047 | 5.108077 | 4.944417 | 4.923400 | 4.839010 | 4.879166 |
| #3 | 24.93229 | 4.865965 | 5.149152 | 5.014787 | 4.915713 | 4.923467 | 4.905741 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCV08 Acquired: 5/1/2025 20:24:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | 5.101110 | 4.923022 | 4.934728 |
| Stddev | .033267 | .010209 | .015029 |
| %RSD | .6521483 | .2073683 | .3045466 |
| #1 | 5.113995 | 4.914416 | 4.919287 |
| #2 | 5.063328 | 4.920348 | 4.949307 |
| #3 | 5.126008 | 4.934302 | 4.935589 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3174.092 | 75357.95 | 10890.49 | 2964.926 | 4790.307 |
| Stddev | 9.560 | 146.11 | 143.13 | 7.308 | 16.858 |
| %RSD | .3011874 | .1938940 | 1.314251 | .2464692 | .3519254 |
| #1 | 3179.007 | 75198.71 | 10755.17 | 2958.561 | 4791.921 |
| #2 | 3180.194 | 75389.29 | 10875.97 | 2972.906 | 4806.300 |
| #3 | 3163.074 | 75485.85 | 11040.32 | 2963.309 | 4772.700 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB08 Acquired: 5/1/2025 20:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | .0007367 | .0005274 | .0004538 | .0013697 | -.002254 | .0051998 | -.009825 |
| Stddev | .0009113 | .0009658 | .0010478 | .0020562 | .001645 | .0069327 | .000292 |
| %RSD | 123.7014 | 183.1205 | 230.9135 | 150.1217 | 72.98506 | 133.3255 | 2.971181 |
| #1 | .0004821 | -.000499 | -.000671 | .0035519 | -.003697 | -.000512 | -.010162 |
| #2 | .0017482 | .000662 | .000629 | -.000532 | -.002601 | .012913 | -.009665 |
| #3 | -.000020 | .001419 | .001403 | .001089 | -.000463 | .003198 | -.009649 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000077 | -.000246 | .0007671 | .0004286 | -.000361 | -.000497 | -.009823 |
| Stddev | .0000235 | .000057 | .0096717 | .0002008 | .000059 | .000071 | .003003 |
| %RSD | 304.1730 | 23.05470 | 1260.766 | 46.84725 | 16.24019 | 14.28002 | 30.57190 |
| #1 | .0000043 | -.000308 | -.009495 | .0002324 | -.000336 | -.000441 | -.011356 |
| #2 | .0000327 | -.000197 | .002083 | .0004197 | -.000319 | -.000474 | -.006363 |
| #3 | -.000014 | -.000231 | .009714 | .0006337 | -.000428 | -.000577 | -.011750 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001720 | .0268548 | -.000271 | .0000198 | .1107290 | -.000576 | -.001285 |
| Stddev | .000231 | .0019487 | .000372 | .0002020 | .0068020 | .000687 | .000305 |
| %RSD | 13.45656 | 7.256452 | 137.5238 | 1018.018 | 6.142902 | 119.3383 | 23.76270 |
| #1 | -.001968 | .0258979 | -.000680 | .0002051 | .1157683 | .000210 | -.001126 |
| #2 | -.001510 | .0290969 | -.000181 | .0000498 | .1029920 | -.000872 | -.001637 |
| #3 | -.001681 | .0255695 | .000048 | -.000195 | .1134268 | -.001065 | -.001093 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1193519 | .0063184 | -.000323 | .0057976 | .0006133 | .0124502 | .0049133 |
| Stddev | .0114502 | .0010159 | .000288 | .0009471 | .0005655 | .0087617 | .0020461 |
| %RSD | 9.593636 | 16.07785 | 89.07814 | 16.33547 | 92.20156 | 70.37437 | 41.64402 |
| #1 | .1061967 | .0068751 | -.000071 | .0067593 | .0002342 | .0158110 | .0043904 |
| #2 | .1247834 | .0051459 | -.000262 | .0048659 | .0012633 | .0025056 | .0071701 |
| #3 | .1270755 | .0069343 | -.000637 | .0057677 | .0003425 | .0190339 | .0031794 |

Reviewed By:jaswal
On:5/5/2025 4:33:07 PM
Inst Id :P4
LB :LB135636

Sample Name: CCB08 Acquired: 5/1/2025 20:28:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v26) 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 | -.002808 | .0005904 | .0001934 |
| Stddev | .003372 | .0017573 | .0000432 |
| %RSD | 120.0810 | 297.6470 | 22.34932 |
| | | | |
| #1 | .000497 | .0005420 | .0002413 |
| #2 | -.002677 | -.001142 | .0001572 |
| #3 | -.006244 | .002371 | .0001819 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3283.144 | 75895.96 | 11281.25 | 3037.322 | 5097.719 |
| Stddev | 10.660 | 94.05 | 11.26 | 14.468 | 21.103 |
| %RSD | .3246855 | .1239217 | .0998382 | .4763483 | .4139787 |
| | | | | | |
| #1 | 3271.545 | 75787.36 | 11290.01 | 3027.438 | 5074.451 |
| #2 | 3285.376 | 75950.07 | 11268.54 | 3030.599 | 5103.082 |
| #3 | 3292.511 | 75950.45 | 11285.19 | 3053.928 | 5115.623 |