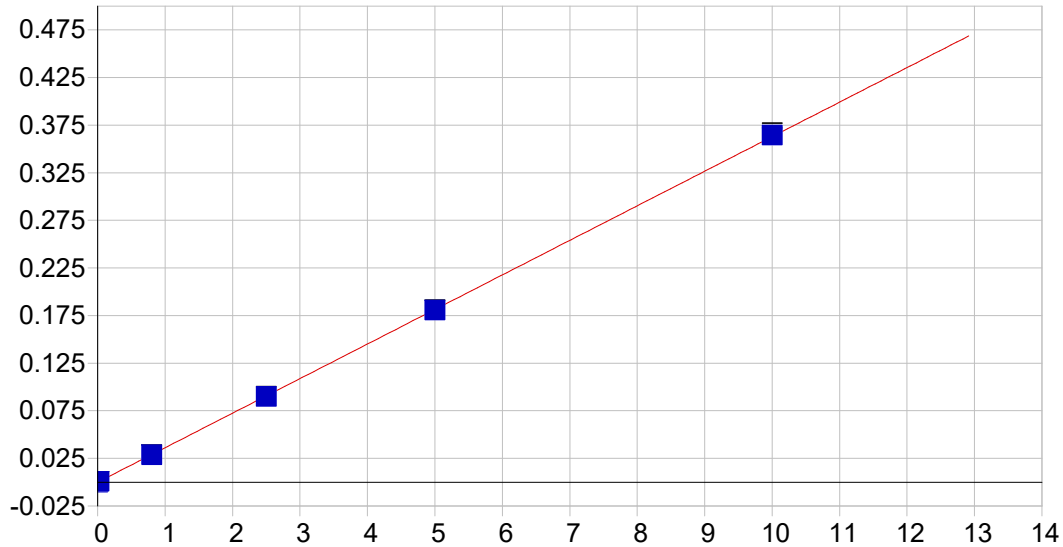
Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



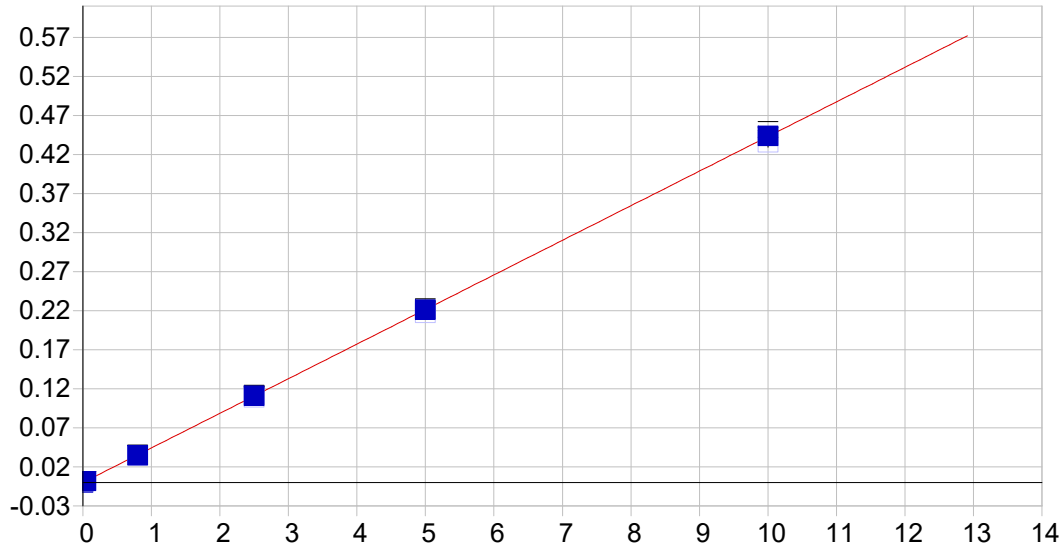

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000094 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.036299 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999974 | Status: | OK. |
| Std Error of Est: | 0.000006 | | |
| Predicted MDL: | 0.003795 | | |
| Predicted MQL: | 0.012651 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00009 | .000 | 1 |
| S1 | .02000 | .02296 | .003 | 14.8 | .00074 | .000 | 1 |
| S3 | 2.5000 | 2.4800 | -.020 | -.799 | .08983 | .000 | 1 |
| S4 | 5.0000 | 4.9827 | -.017 | -.346 | .18058 | .000 | 1 |
| S5 | 10.000 | 10.043 | .043 | .430 | .36407 | .002 | 1 |
| S2 | .80000 | .79130 | -.009 | -1.09 | .02860 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



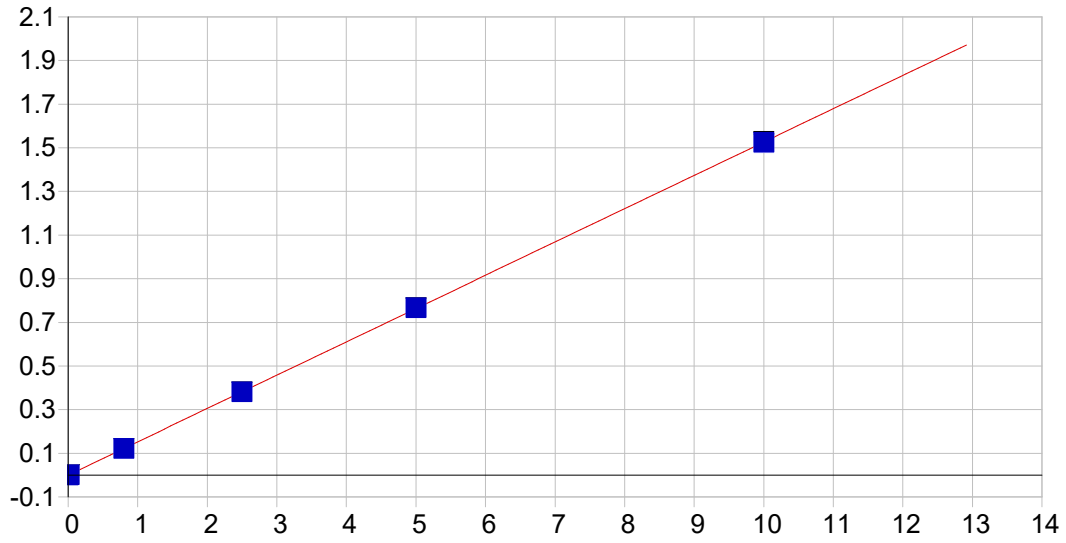

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000048 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.044304 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999989 | Status: | OK. |
| Std Error of Est: | 0.000007 | | |
| Predicted MDL: | 0.002602 | | |
| Predicted MQL: | 0.008673 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00005 | .000 | 1 |
| S1 | .04000 | .04271 | .003 | 6.77 | .00173 | .000 | 1 |
| S3 | 2.5000 | 2.5055 | .005 | .219 | .10892 | .001 | 1 |
| S4 | 5.0000 | 4.9894 | -.011 | -.212 | .21692 | .002 | 1 |
| S5 | 10.000 | 10.014 | .014 | .139 | .43545 | .006 | 1 |
| S2 | .80000 | .78871 | -.011 | -1.41 | .03424 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



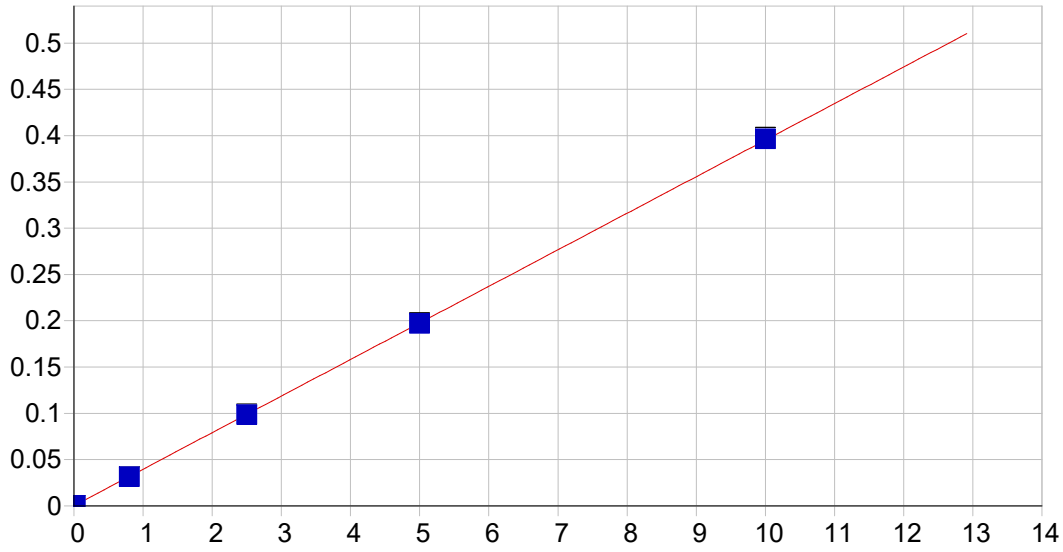

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000020 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.152643 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999997 | Status: | OK. |
| Std Error of Est: | 0.000007 | | |
| Predicted MDL: | 0.001868 | | |
| Predicted MQL: | 0.006225 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00002 | .000 | 1 |
| S1 | .01200 | .01199 | -.000 | -.061 | .00178 | .000 | 1 |
| S3 | 2.5000 | 2.4970 | -.003 | -.120 | .38074 | .001 | 1 |
| S4 | 5.0000 | 5.0203 | .020 | .406 | .76551 | .002 | 1 |
| S5 | 10.000 | 9.9868 | -.013 | -.132 | 1.5228 | .006 | 1 |
| S2 | .80000 | .79585 | -.004 | -.518 | .12134 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



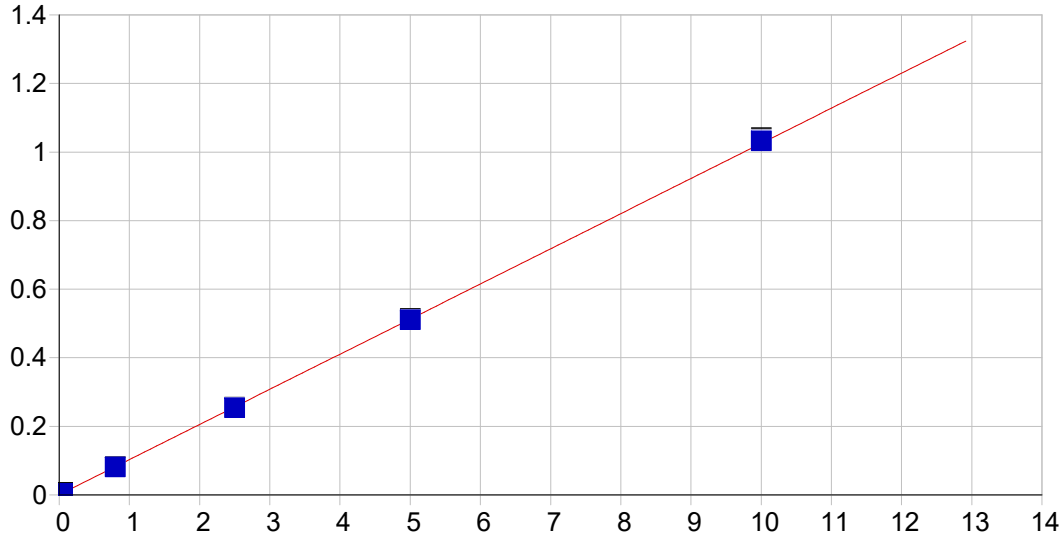

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000196 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.039498 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000004 | | |
| Predicted MDL: | 0.004494 | | |
| Predicted MQL: | 0.014980 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00020 | .000 | 1 |
| S1 | .02000 | .02125 | .001 | 6.25 | .00104 | .000 | 1 |
| S3 | 2.5000 | 2.4933 | -.007 | -.269 | .09864 | .000 | 1 |
| S4 | 5.0000 | 4.9847 | -.015 | -.307 | .19701 | .001 | 1 |
| S5 | 10.000 | 10.030 | .030 | .301 | .39622 | .002 | 1 |
| S2 | .80000 | .79071 | -.009 | -1.16 | .03142 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



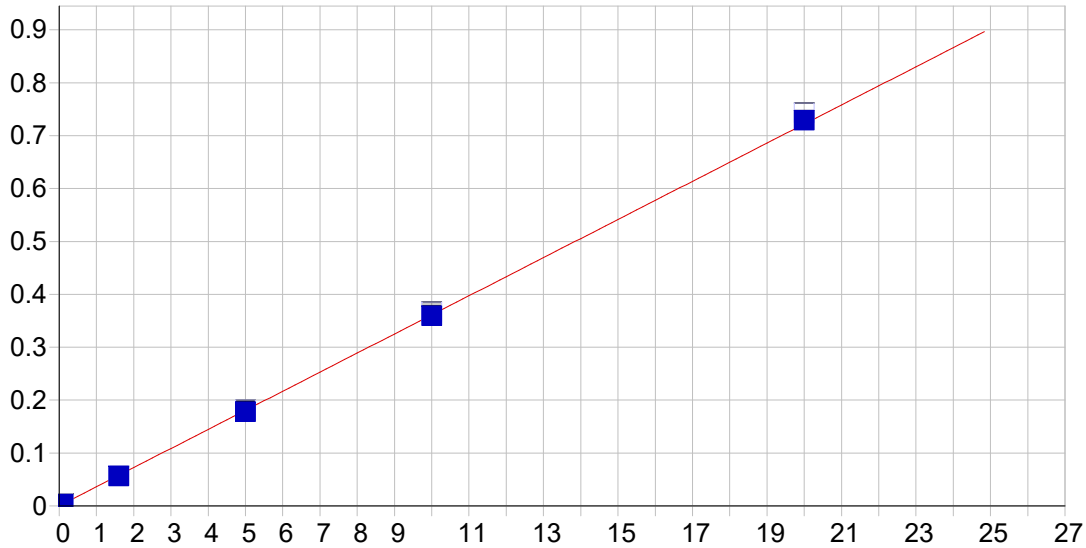

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000437 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.102483 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999960 | Status: | OK. |
| Std Error of Est: | 0.000034 | | |
| Predicted MDL: | 0.002467 | | |
| Predicted MQL: | 0.008223 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00044 | .000 | 1 |
| S1 | .05000 | .05409 | .004 | 8.17 | .00599 | .000 | 1 |
| S3 | 2.5000 | 2.4707 | -.029 | -1.17 | .25434 | .001 | 1 |
| S4 | 5.0000 | 4.9753 | -.025 | -.495 | .51171 | .002 | 1 |
| S5 | 10.000 | 10.065 | .065 | .648 | 1.0347 | .007 | 1 |
| S2 | .80000 | .78520 | -.015 | -1.85 | .08113 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



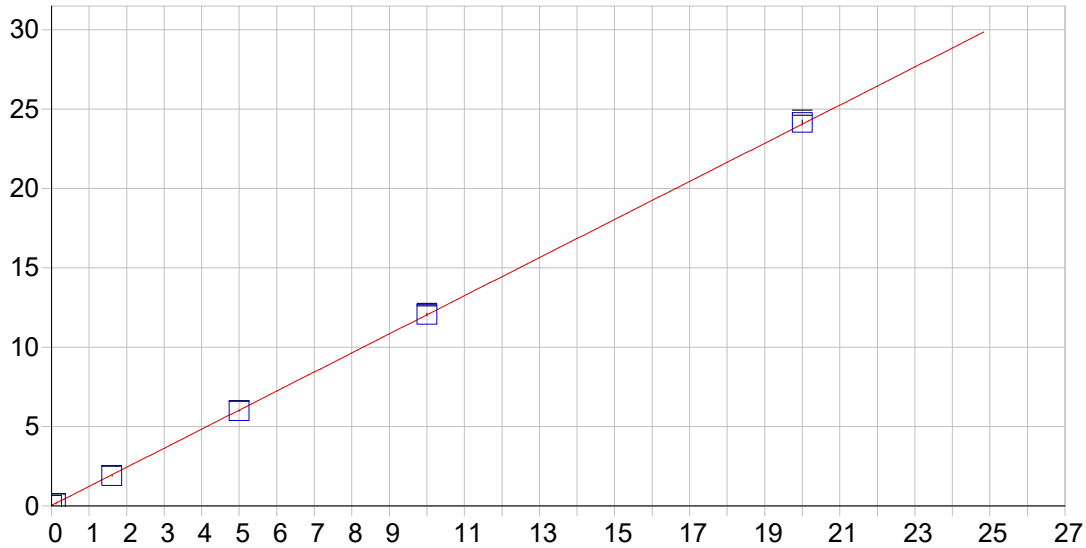

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000318 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.036082 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999931 | Status: | OK. |
| Std Error of Est: | 0.000032 | | |
| Predicted MDL: | 0.009603 | | |
| Predicted MQL: | 0.032011 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00032 | .000 | 1 |
| S1 | .10000 | .09966 | -.000 | -.343 | .00419 | .000 | 1 |
| S3 | 5.0000 | 4.9165 | -.084 | -1.67 | .18121 | .001 | 1 |
| S4 | 10.000 | 9.9498 | -.050 | -.502 | .36633 | .001 | 1 |
| S5 | 20.000 | 20.188 | .188 | .940 | .74274 | .001 | 1 |
| S2 | 1.6000 | 1.5460 | -.054 | -3.37 | .05722 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



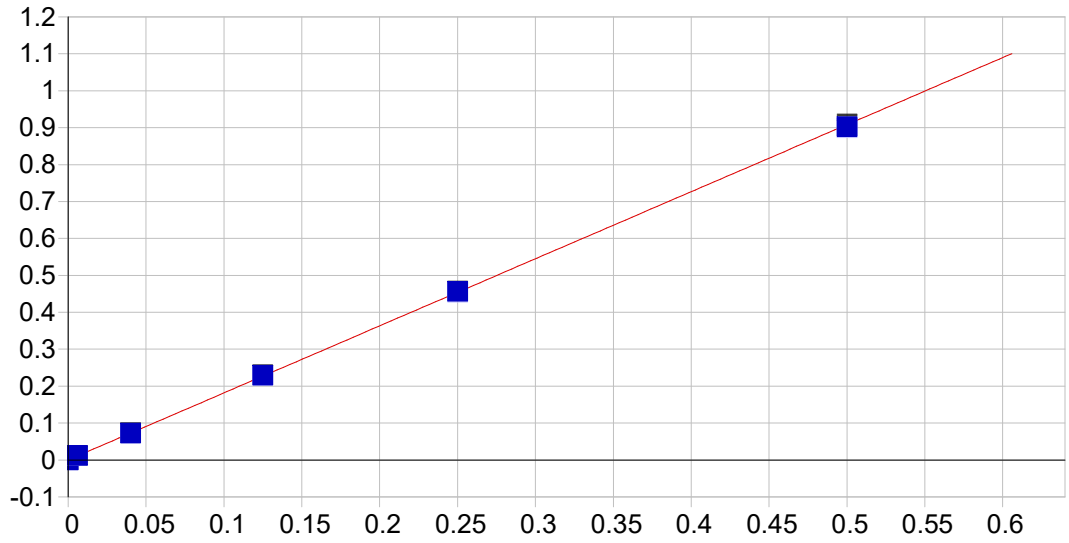

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.032055 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.201223 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999968 | Status: | OK. |
| Std Error of Est: | 0.000718 | | |
| Predicted MDL: | 0.001198 | | |
| Predicted MQL: | 0.003994 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .03206 | .001 | 1 |
| S1 | .10000 | .09678 | -.003 | -3.22 | .14831 | .000 | 1 |
| S3 | 5.0000 | 4.9578 | -.042 | -.845 | 5.9874 | .005 | 1 |
| S4 | 10.000 | 10.013 | .013 | .128 | 12.060 | .087 | 1 |
| S5 | 20.000 | 20.083 | .083 | .413 | 24.156 | .155 | 1 |
| S2 | 1.6000 | 1.5500 | -.050 | -3.13 | 1.8939 | .003 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



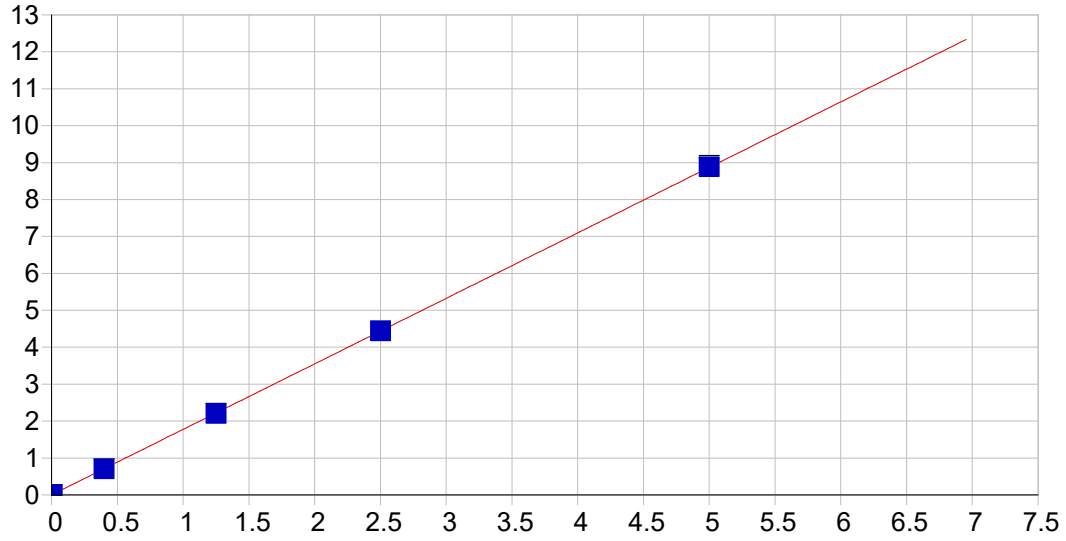

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000065 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.816241 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999972 | Status: | OK. |
| Std Error of Est: | 0.000039 | | |
| Predicted MDL: | 0.000073 | | |
| Predicted MQL: | 0.000243 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00006 | .000 | 1 |
| S1 | .00600 | .00629 | .000 | 4.82 | .01141 | .000 | 1 |
| S3 | .12500 | .12643 | .001 | 1.14 | .22868 | .000 | 1 |
| S4 | .25000 | .25113 | .001 | .451 | .45414 | .001 | 1 |
| S5 | .50000 | .49724 | -.003 | -.553 | .89910 | .006 | 1 |
| S2 | .04000 | .03992 | -.000 | -.201 | .07224 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



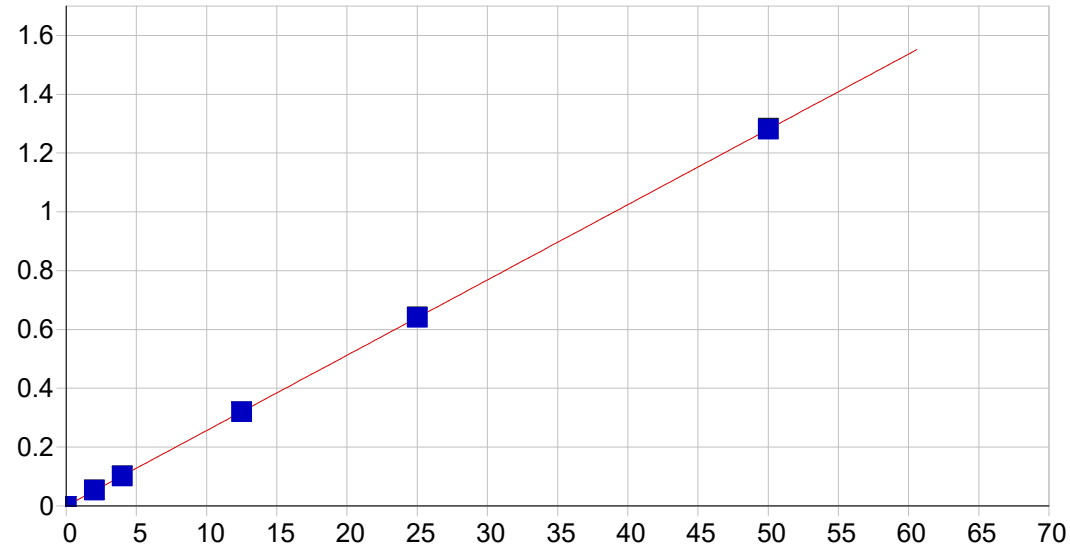

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000716 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.773963 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999996 | Status: | OK. |
| Std Error of Est: | 0.000047 | | |
| Predicted MDL: | 0.000110 | | |
| Predicted MQL: | 0.000367 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00072 | .000 | 1 |
| S1 | .00600 | .00611 | .000 | 1.75 | .01160 | .000 | 1 |
| S3 | 1.2500 | 1.2426 | -.007 | -.596 | 2.2069 | .005 | 1 |
| S4 | 2.5000 | 2.5032 | .003 | .126 | 4.4451 | .005 | 1 |
| S5 | 5.0000 | 5.0070 | .007 | .139 | 8.8907 | .036 | 1 |
| S2 | .40000 | .39722 | -.003 | -.696 | .70599 | .001 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



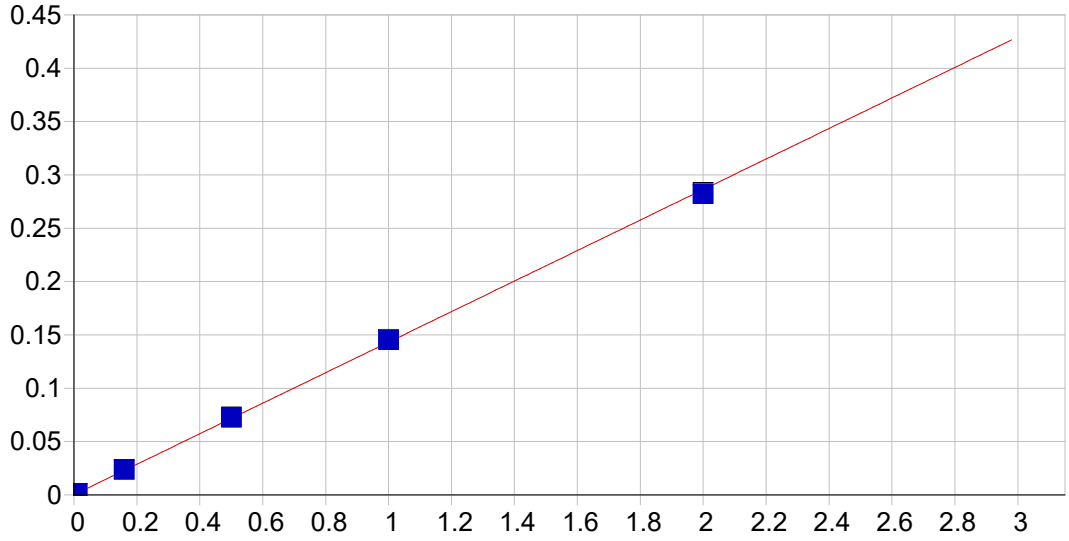

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000239 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.025607 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999976 | Status: | OK. |
| Std Error of Est: | 0.000094 | | |
| Predicted MDL: | 0.012654 | | |
| Predicted MQL: | 0.042181 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00005 | -.000 | .000 | .00024 | .000 | 1 |
| S2 | 4.0000 | 3.9396 | -.060 | -1.51 | .10112 | .000 | 1 |
| S3 | 12.500 | 12.474 | -.026 | -.210 | .31966 | .000 | 1 |
| S4 | 25.000 | 25.008 | .008 | .032 | .64062 | .002 | 1 |
| S5 | 50.000 | 49.995 | -.005 | -.010 | 1.2805 | .004 | 1 |
| S1 | 2.0000 | 2.0837 | .084 | 4.19 | .05360 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



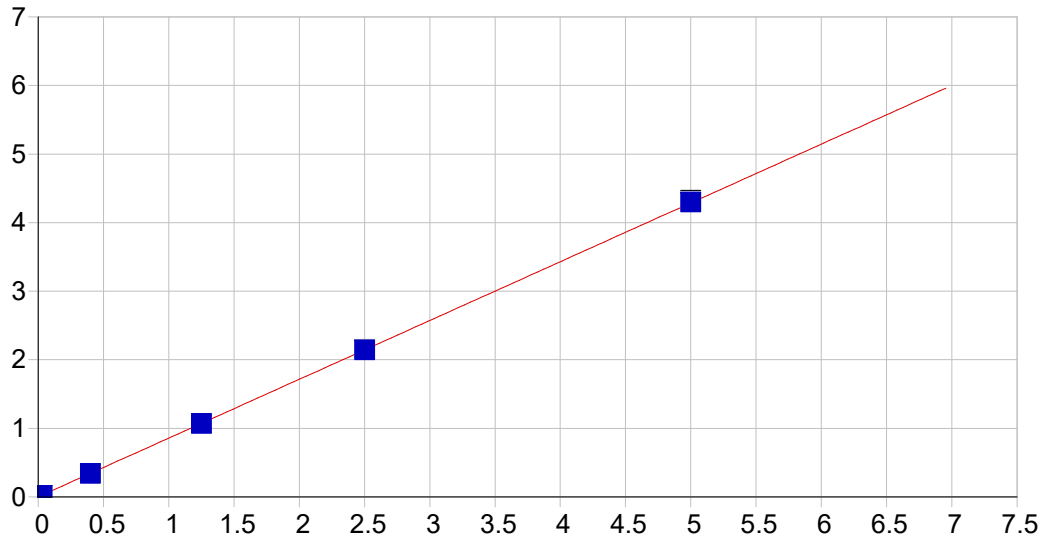

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000121 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.143089 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999887 | Status: | OK. |
| Std Error of Est: | 0.000016 | | |
| 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 | .00012 | .000 | 1 |
| S1 | .01000 | .01038 | .000 | 3.84 | .00161 | .000 | 1 |
| S3 | .50000 | .50683 | .007 | 1.37 | .07266 | .000 | 1 |
| S4 | 1.0000 | 1.0162 | .016 | 1.62 | .14557 | .000 | 1 |
| S5 | 2.0000 | 1.9728 | -.027 | -1.36 | .28249 | .001 | 1 |
| S2 | .16000 | .16383 | .004 | 2.39 | .02357 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



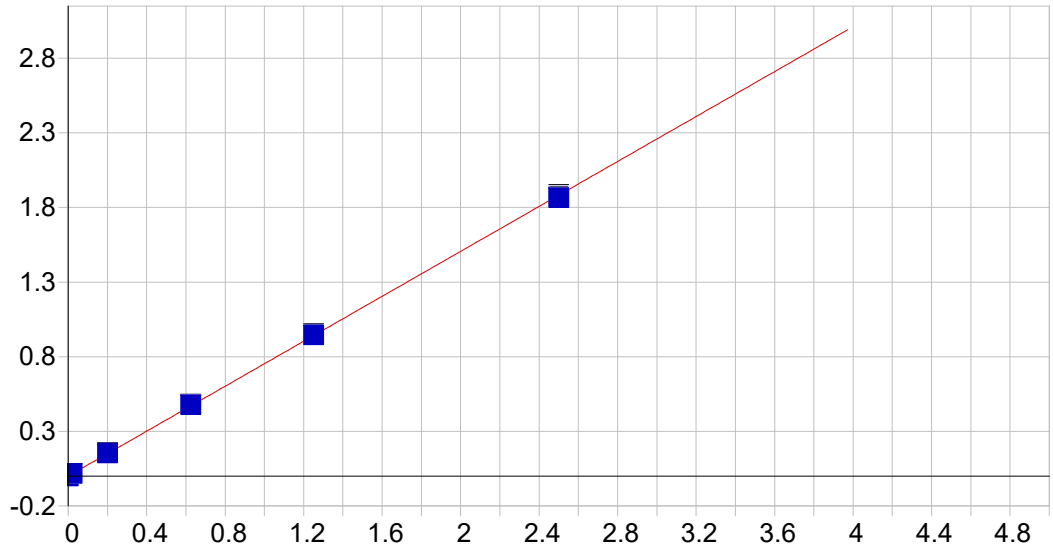

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000281 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.857334 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999993 | Status: | OK. |
| Std Error of Est: | 0.000066 | | |
| Predicted MDL: | 0.000263 | | |
| Predicted MQL: | 0.000876 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00028 | .000 | 1 |
| S1 | .03000 | .03033 | .000 | 1.10 | .02618 | .000 | 1 |
| S3 | 1.2500 | 1.2440 | -.006 | -.477 | 1.0687 | .001 | 1 |
| S4 | 2.5000 | 2.4978 | -.002 | -.088 | 2.1454 | .006 | 1 |
| S5 | 5.0000 | 5.0129 | .013 | .259 | 4.3053 | .018 | 1 |
| S2 | .40000 | .39490 | -.005 | -1.27 | .33943 | .001 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



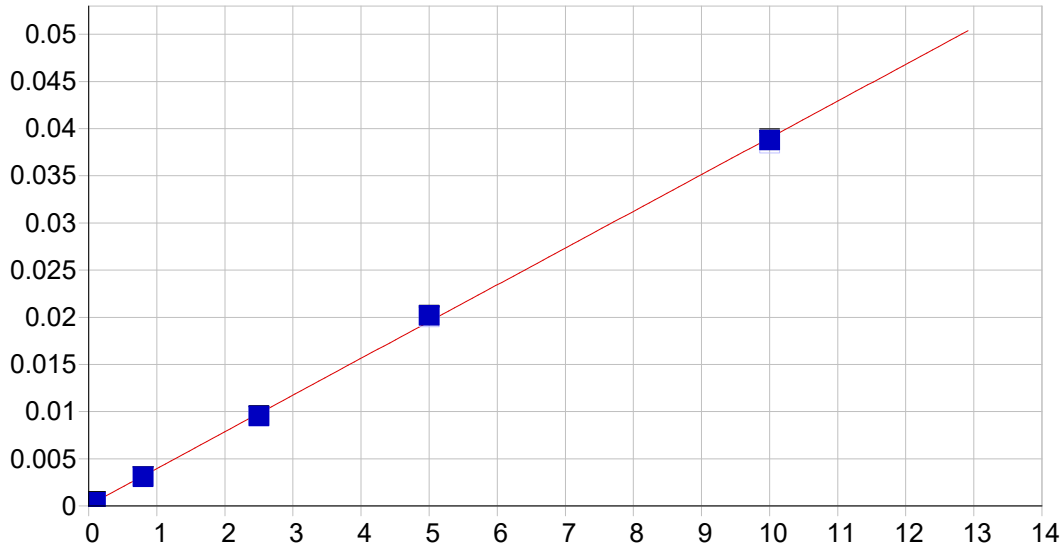

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000301 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.753133 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999909 | Status: | OK. |
| Std Error of Est: | 0.000120 | | |
| Predicted MDL: | 0.000447 | | |
| Predicted MQL: | 0.001491 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00030 | .000 | 1 |
| S1 | .02000 | .02286 | .003 | 14.3 | .01706 | .001 | 1 |
| S3 | .62500 | .63375 | .009 | 1.40 | .48022 | .001 | 1 |
| S4 | 1.2500 | 1.2557 | .006 | .454 | .95183 | .003 | 1 |
| S5 | 2.5000 | 2.4783 | -.022 | -.870 | 1.8791 | .007 | 1 |
| S2 | .20000 | .20445 | .004 | 2.22 | .15471 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



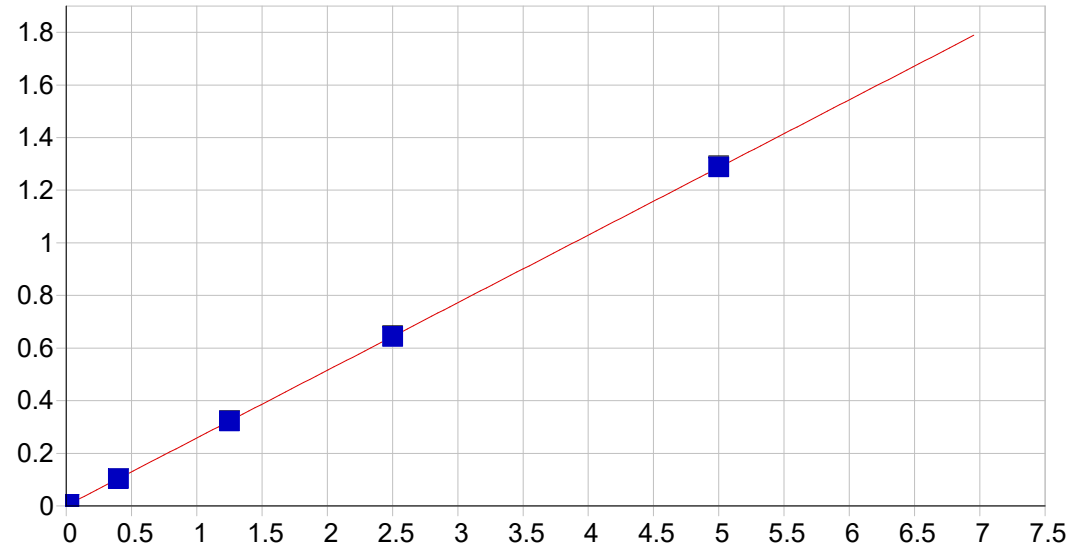

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000063 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003896 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999752 | Status: | OK. |
| Std Error of Est: | 0.000005 | | |
| Predicted MDL: | 0.006095 | | |
| Predicted MQL: | 0.020315 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00006 | .000 | 1 |
| S1 | .10000 | .09140 | -.009 | -8.60 | .00041 | .000 | 1 |
| S3 | 2.5000 | 2.4327 | -.067 | -2.69 | .00946 | .000 | 1 |
| S4 | 5.0000 | 5.1639 | .164 | 3.28 | .02002 | .000 | 1 |
| S5 | 10.000 | 9.9346 | -.065 | -.654 | .03844 | .000 | 1 |
| S2 | .80000 | .77744 | -.023 | -2.82 | .00307 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



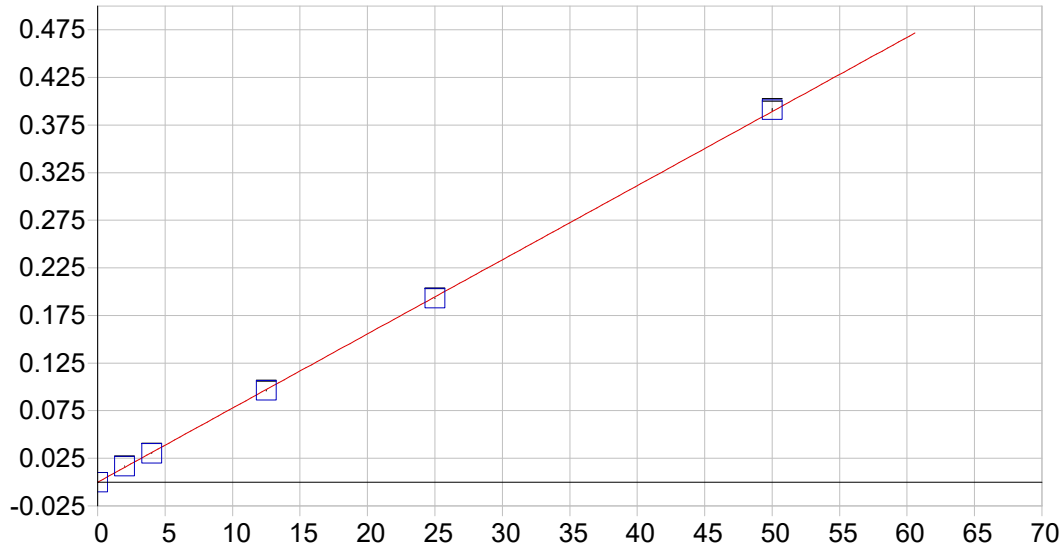

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000994 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.257107 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999991 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.000468 | | |
| Predicted MQL: | 0.001559 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00099 | .000 | 1 |
| S1 | .02000 | .01846 | -.002 | -7.70 | .00574 | .000 | 1 |
| S3 | 1.2500 | 1.2503 | .000 | .021 | .32251 | .001 | 1 |
| S4 | 2.5000 | 2.4995 | -.000 | -.019 | .64376 | .002 | 1 |
| S5 | 5.0000 | 5.0058 | .006 | .116 | 1.2883 | .004 | 1 |
| S2 | .40000 | .39594 | -.004 | -1.01 | .10281 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



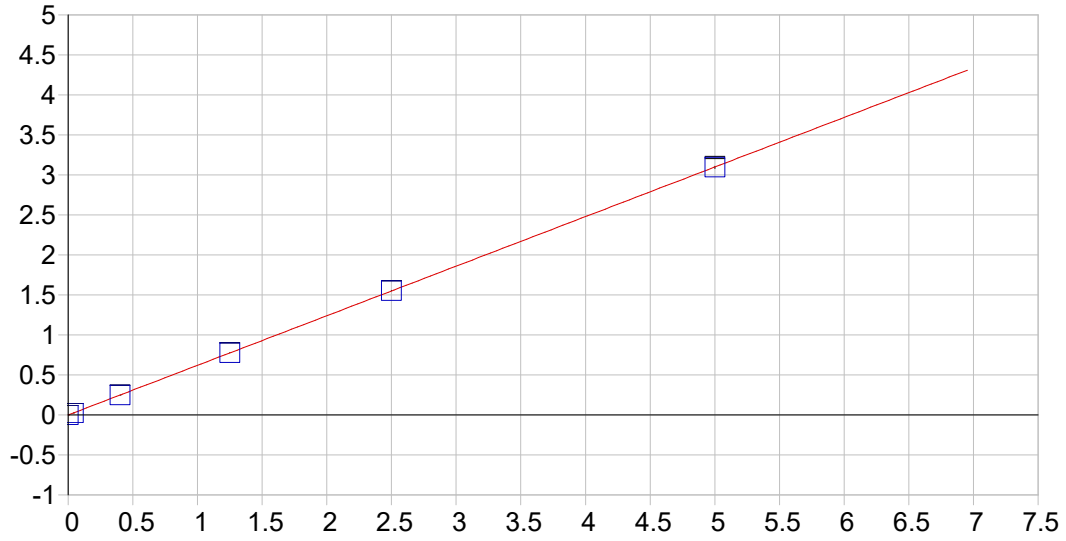

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000125 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.007787 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999882 | Status: | OK. |
| Std Error of Est: | 0.000063 | | |
| Predicted MDL: | 0.017826 | | |
| Predicted MQL: | 0.059420 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00010 | -.000 | .000 | -.00013 | .000 | 1 |
| S2 | 4.0000 | 3.8977 | -.102 | -2.56 | .03023 | .000 | 1 |
| S3 | 12.500 | 12.371 | -.129 | -1.03 | .09621 | .001 | 1 |
| S4 | 25.000 | 24.819 | -.181 | -.722 | .19315 | .000 | 1 |
| S5 | 50.000 | 50.234 | .234 | .468 | .39105 | .001 | 1 |
| S1 | 2.0000 | 2.1778 | .178 | 8.89 | .01683 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



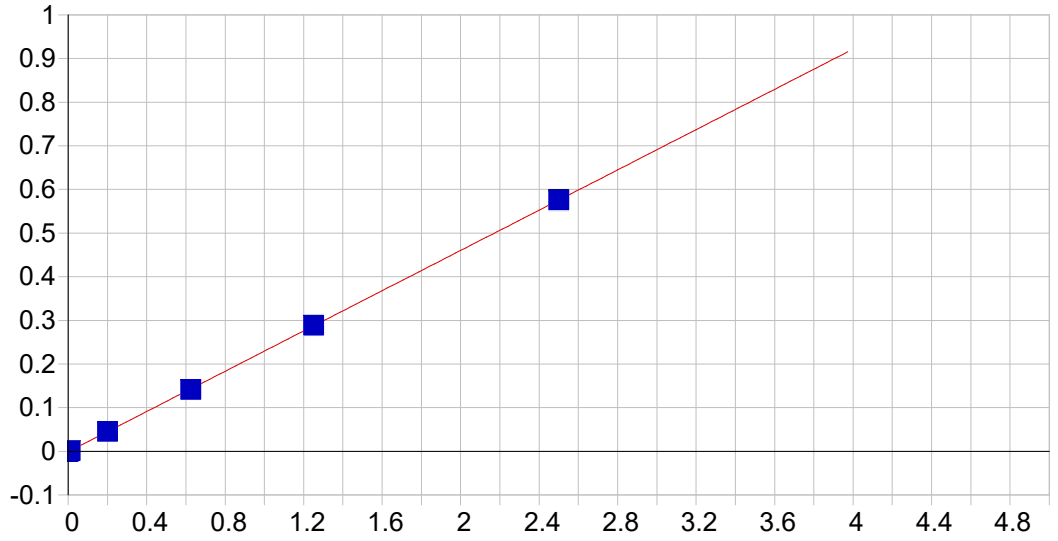

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000034 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.619722 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999997 | Status: | OK. |
| Std Error of Est: | 0.000034 | | |
| Predicted MDL: | 0.000349 | | |
| Predicted MQL: | 0.001164 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00003 | .000 | 1 |
| S1 | .04000 | .04078 | .001 | 1.94 | .02530 | .000 | 1 |
| S3 | 1.2500 | 1.2526 | .003 | .206 | .77628 | .002 | 1 |
| S4 | 2.5000 | 2.5051 | .005 | .206 | 1.5525 | .002 | 1 |
| S5 | 5.0000 | 4.9935 | -.006 | -.130 | 3.0946 | .013 | 1 |
| S2 | .40000 | .39800 | -.002 | -.500 | .24668 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



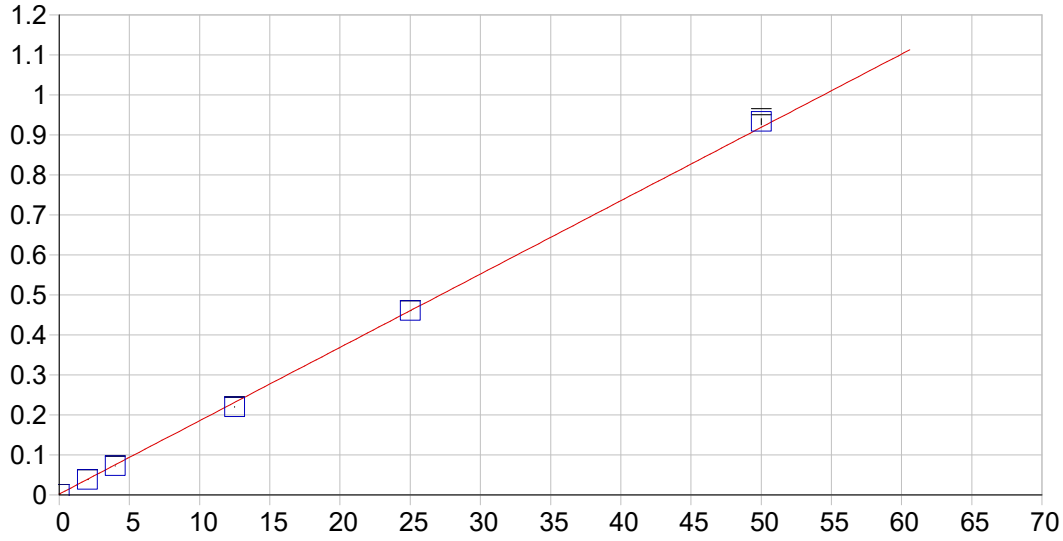

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001176 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.230710 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999986 | Status: | OK. |
| Std Error of Est: | 0.000010 | | |
| Predicted MDL: | 0.000425 | | |
| Predicted MQL: | 0.001415 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00118 | .000 | 1 |
| S1 | .01000 | .01016 | .000 | 1.62 | .00115 | .000 | 1 |
| S3 | .62500 | .61754 | -.007 | -1.19 | .14072 | .000 | 1 |
| S4 | 1.2500 | 1.2550 | .005 | .398 | .28721 | .000 | 1 |
| S5 | 2.5000 | 2.5008 | .001 | .030 | .57348 | .001 | 1 |
| S2 | .20000 | .20157 | .002 | .787 | .04515 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



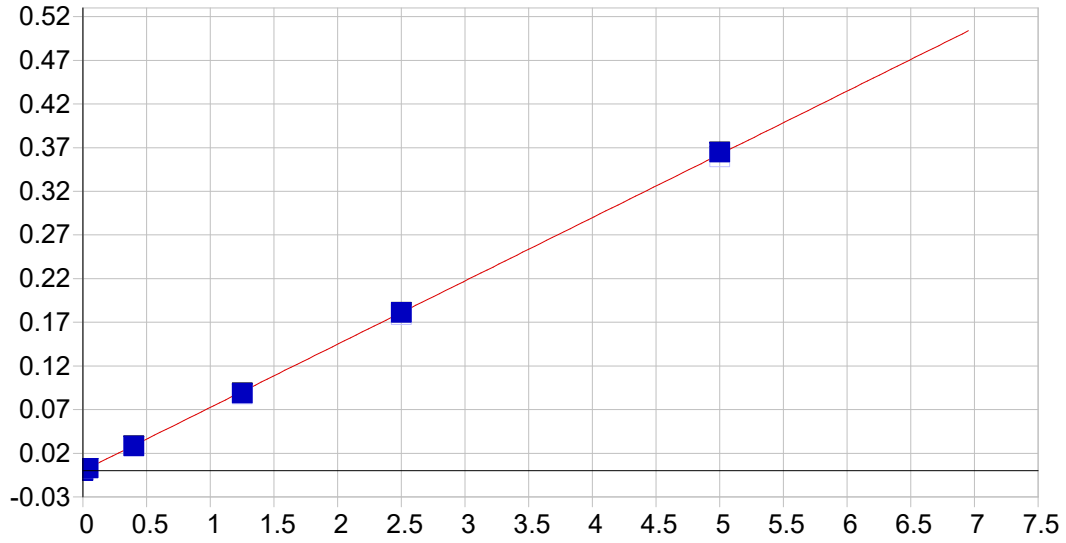

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002253 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.018330 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999734 | Status: | OK. |
| Std Error of Est: | 0.000224 | | |
| Predicted MDL: | 0.011786 | | |
| Predicted MQL: | 0.039287 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00017 | .000 | .000 | .00226 | .000 | 1 |
| S2 | 4.0000 | 3.8457 | -.154 | -3.86 | .07274 | .000 | 1 |
| S3 | 12.500 | 11.880 | -.620 | -4.96 | .22000 | .000 | 1 |
| S4 | 25.000 | 25.011 | .011 | .042 | .46069 | .000 | 1 |
| S5 | 50.000 | 50.793 | .793 | 1.59 | .93327 | .008 | 1 |
| S1 | 2.0000 | 1.9711 | -.029 | -1.44 | .03838 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



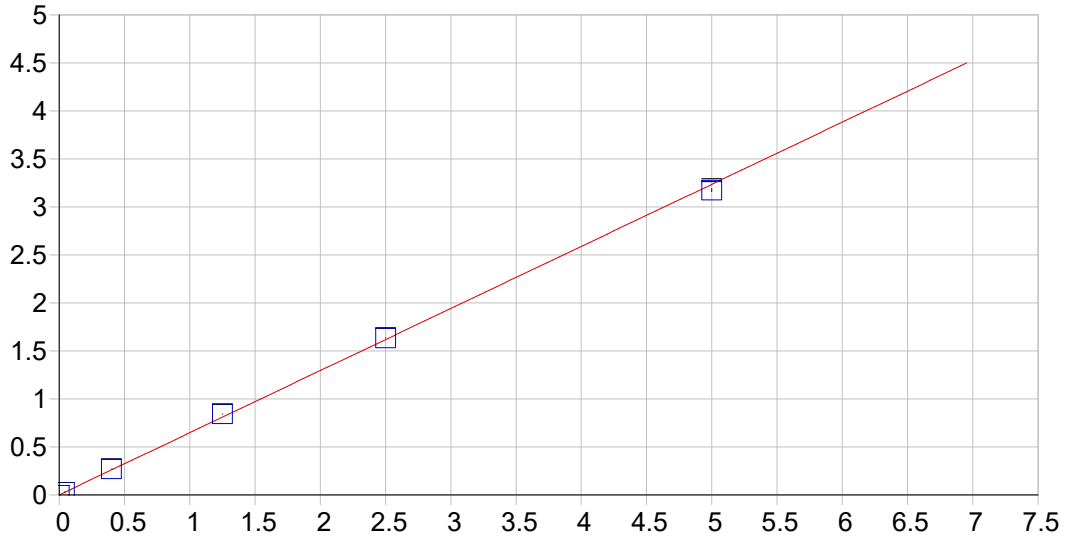

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000004 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.072458 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999947 | Status: | OK. |
| Std Error of Est: | 0.000017 | | |
| Predicted MDL: | 0.002021 | | |
| Predicted MQL: | 0.006738 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00000 | .000 | 1 |
| S1 | .04000 | .04132 | .001 | 3.30 | .00289 | .000 | 1 |
| S3 | 1.2500 | 1.2269 | -.023 | -1.85 | .08758 | .000 | 1 |
| S4 | 2.5000 | 2.5004 | .000 | .015 | .17853 | .000 | 1 |
| S5 | 5.0000 | 5.0318 | .032 | .636 | .35932 | .000 | 1 |
| S2 | .40000 | .38961 | -.010 | -2.60 | .02781 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



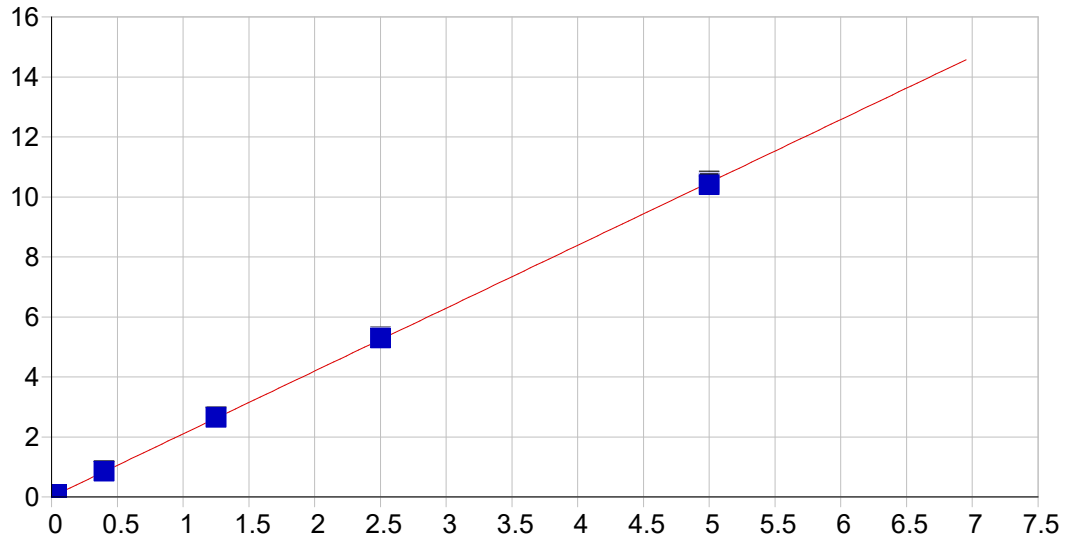

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001029 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.646955 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999726 | Status: | OK. |
| Std Error of Est: | 0.000355 | | |
| Predicted MDL: | 0.000276 | | |
| Predicted MQL: | 0.000919 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00102 | .000 | 1 |
| S1 | .04000 | .04381 | .004 | 9.51 | .02937 | .000 | 1 |
| S3 | 1.2500 | 1.3001 | .050 | 4.00 | .84210 | .001 | 1 |
| S4 | 2.5000 | 2.5256 | .026 | 1.02 | 1.6350 | .002 | 1 |
| S5 | 5.0000 | 4.9051 | -.095 | -1.90 | 3.1744 | .016 | 1 |
| S2 | .40000 | .41549 | .015 | 3.87 | .26983 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



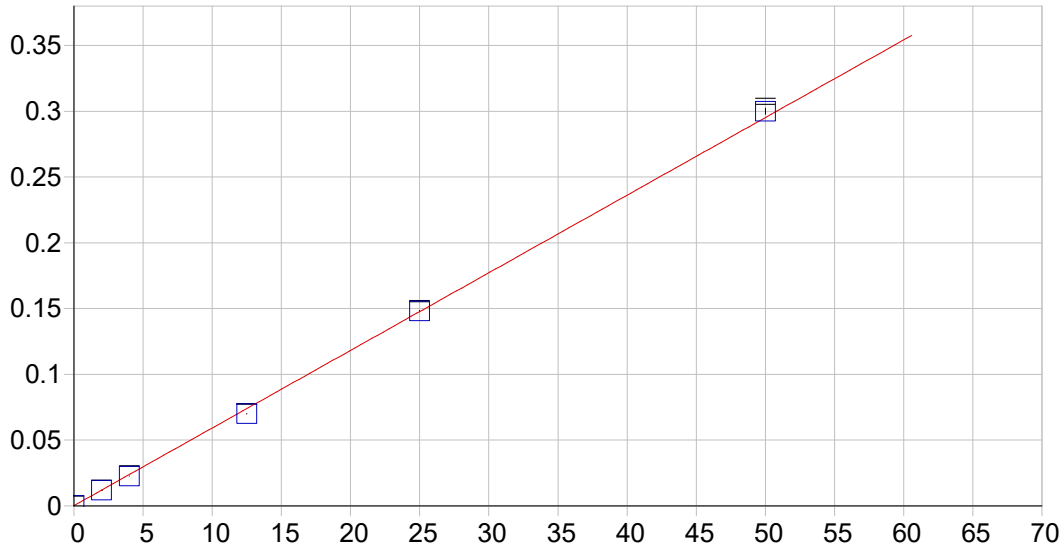

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004260 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.095568 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999956 | Status: | OK. |
| Std Error of Est: | 0.000464 | | |
| Predicted MDL: | 0.000414 | | |
| Predicted MQL: | 0.001381 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00425 | .001 | 1 |
| S1 | .04000 | .04274 | .003 | 6.85 | .09441 | .001 | 1 |
| S3 | 1.2500 | 1.2596 | .010 | .767 | 2.6620 | .012 | 1 |
| S4 | 2.5000 | 2.5220 | .022 | .882 | 5.3258 | .009 | 1 |
| S5 | 5.0000 | 4.9609 | -.039 | -.782 | 10.473 | .050 | 1 |
| S2 | .40000 | .40474 | .005 | 1.18 | .85824 | .008 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



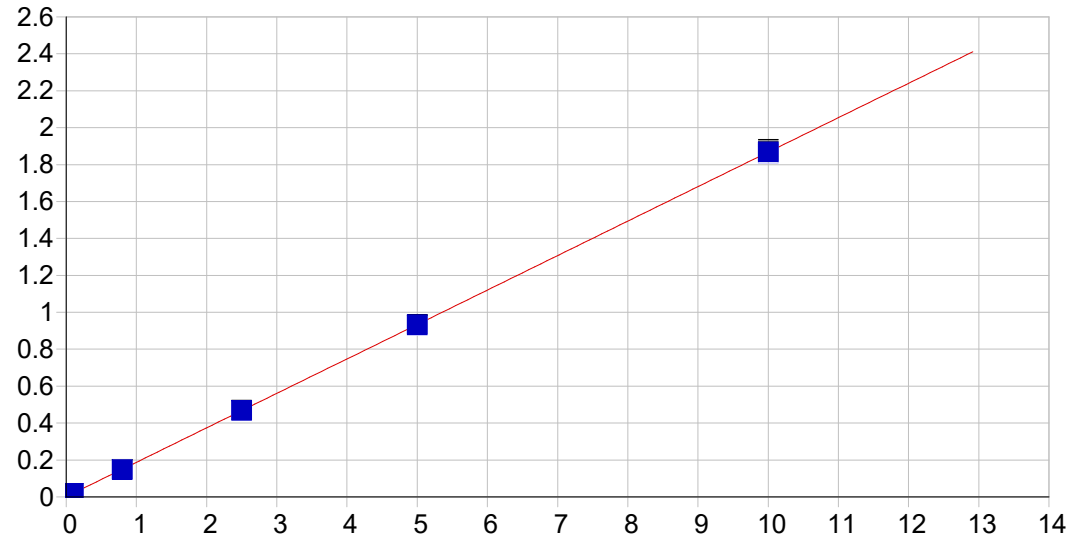

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000216 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.005900 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999693 | Status: | OK. |
| Std Error of Est: | 0.000077 | | |
| Predicted MDL: | 0.038573 | | |
| Predicted MQL: | 0.128575 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00018 | .000 | .000 | .00022 | .000 | 1 |
| S2 | 4.0000 | 3.8091 | -.191 | -4.77 | .02269 | .000 | 1 |
| S3 | 12.500 | 11.839 | -.661 | -5.29 | .07007 | .000 | 1 |
| S4 | 25.000 | 25.054 | .054 | .217 | .14805 | .000 | 1 |
| S5 | 50.000 | 50.810 | .810 | 1.62 | .30001 | .002 | 1 |
| S1 | 2.0000 | 1.9876 | -.012 | -.622 | .01194 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



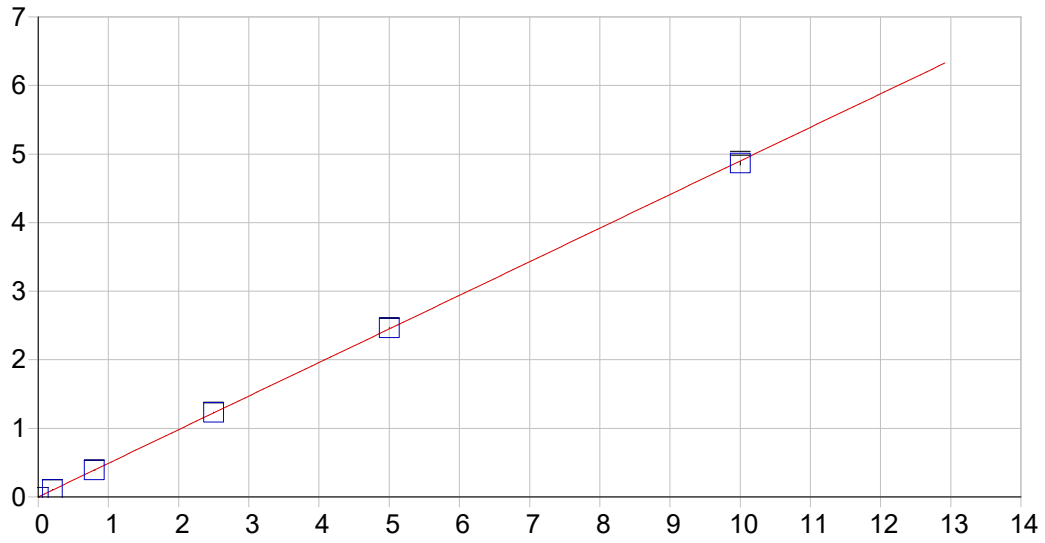

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000888 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.186630 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999972 | Status: | OK. |
| Std Error of Est: | 0.000074 | | |
| Predicted MDL: | 0.000906 | | |
| Predicted MQL: | 0.003019 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00089 | .000 | 1 |
| S1 | .10000 | .10905 | .009 | 9.05 | .02111 | .000 | 1 |
| S3 | 2.5000 | 2.5034 | .003 | .136 | .46593 | .002 | 1 |
| S4 | 5.0000 | 4.9907 | -.009 | -.186 | .92797 | .001 | 1 |
| S5 | 10.000 | 10.009 | .009 | .091 | 1.8602 | .014 | 1 |
| S2 | .80000 | .78773 | -.012 | -1.53 | .14721 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



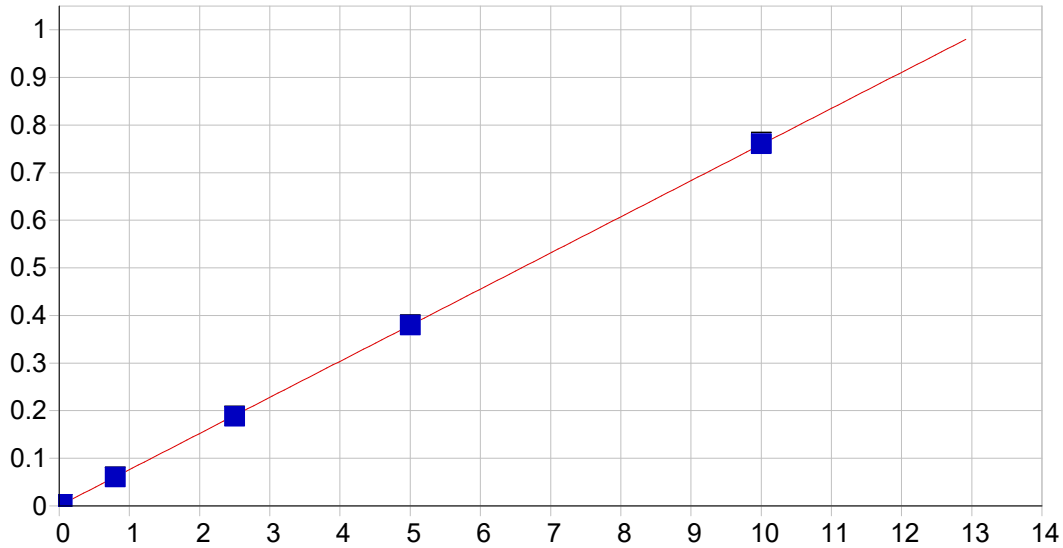

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000310 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.489873 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999949 | Status: | OK. |
| Std Error of Est: | 0.000368 | | |
| Predicted MDL: | 0.000379 | | |
| Predicted MQL: | 0.001264 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | .00030 | .000 | 1 |
| S1 | .20000 | .21541 | .015 | 7.71 | .10583 | .001 | 1 |
| S3 | 2.5000 | 2.5159 | .016 | .637 | 1.2328 | .003 | 1 |
| S4 | 5.0000 | 5.0286 | .029 | .572 | 2.4637 | .004 | 1 |
| S5 | 10.000 | 9.9362 | -.064 | -.638 | 4.8678 | .027 | 1 |
| S2 | .80000 | .80385 | .004 | .481 | .39409 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



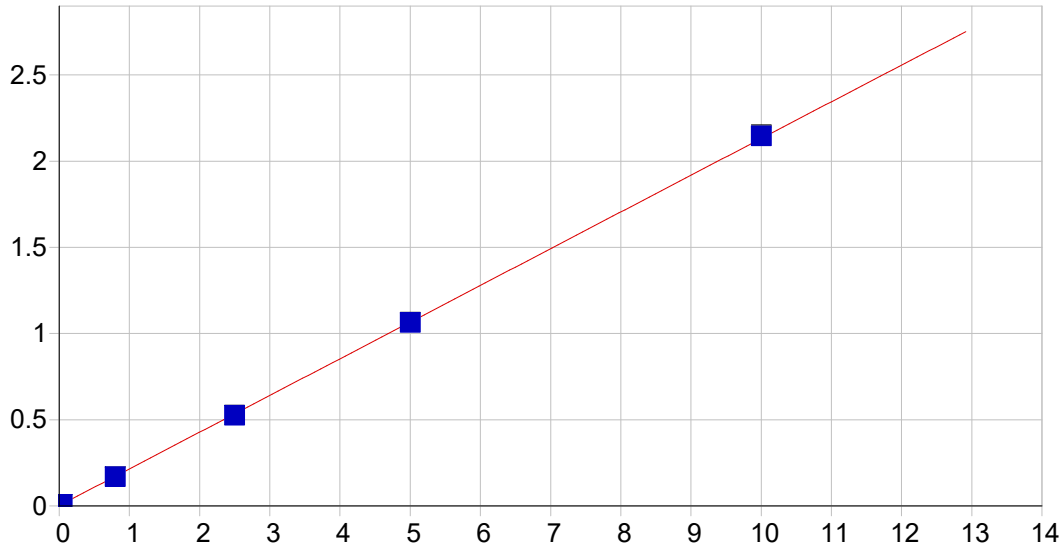

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000278 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.075872 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999975 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.001172 | | |
| Predicted MQL: | 0.003907 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00028 | .000 | 1 |
| S1 | .04000 | .04487 | .005 | 12.2 | .00368 | .000 | 1 |
| S3 | 2.5000 | 2.4751 | -.025 | -.997 | .18787 | .001 | 1 |
| S4 | 5.0000 | 5.0017 | .002 | .035 | .37938 | .001 | 1 |
| S5 | 10.000 | 10.023 | .023 | .230 | .75996 | .004 | 1 |
| S2 | .80000 | .79533 | -.005 | -.584 | .06056 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



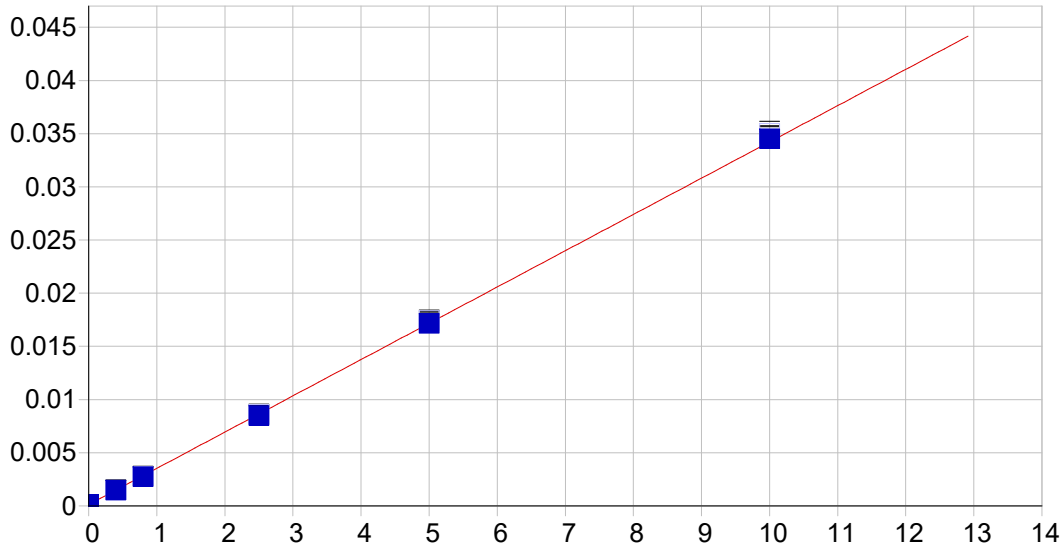

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001644 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.212969 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999957 | Status: | OK. |
| Std Error of Est: | 0.000065 | | |
| Predicted MDL: | 0.000993 | | |
| Predicted MQL: | 0.003310 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00164 | .000 | 1 |
| S1 | .04000 | .04080 | .001 | 2.00 | .01033 | .000 | 1 |
| S3 | 2.5000 | 2.4603 | -.040 | -1.59 | .52542 | .000 | 1 |
| S4 | 5.0000 | 4.9874 | -.013 | -.252 | 1.0634 | .001 | 1 |
| S5 | 10.000 | 10.070 | .070 | .696 | 2.1454 | .006 | 1 |
| S2 | .80000 | .78182 | -.018 | -2.27 | .16809 | .001 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



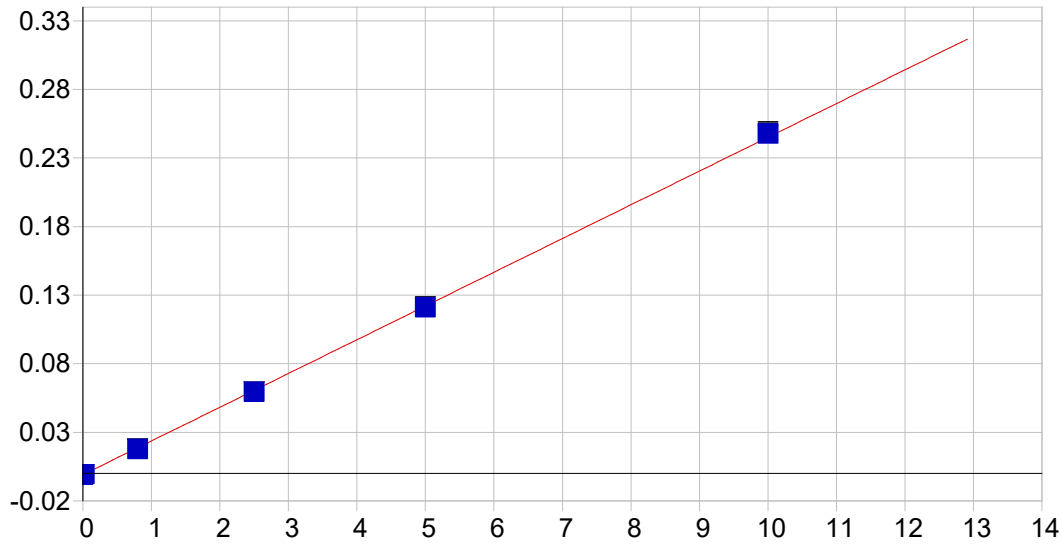

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000117 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.003411 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999919 | Status: | OK. |
| Std Error of Est: | 0.000005 | | |
| Predicted MDL: | 0.012144 | | |
| Predicted MQL: | 0.040480 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00002 | .000 | .000 | .00012 | .000 | 1 |
| S1 | .40000 | .39778 | -.002 | -.554 | .00148 | .000 | 1 |
| S3 | 2.5000 | 2.4533 | -.047 | -1.87 | .00861 | .000 | 1 |
| S4 | 5.0000 | 4.9980 | -.002 | -.040 | .01742 | .000 | 1 |
| S5 | 10.000 | 10.086 | .086 | .856 | .03503 | .000 | 1 |
| S2 | .80000 | .76525 | -.035 | -4.34 | .00277 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



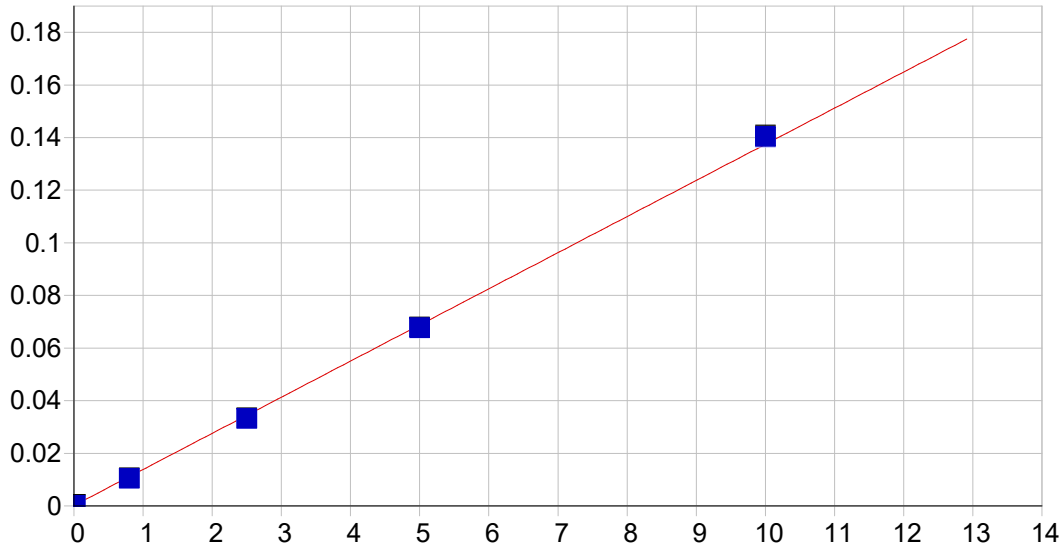

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000898 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.024599 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999891 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.003955 | | |
| Predicted MQL: | 0.013184 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00090 | .000 | 1 |
| S1 | .02000 | .02161 | .002 | 8.03 | -.00037 | .000 | 1 |
| S3 | 2.5000 | 2.4589 | -.041 | -1.65 | .05958 | .000 | 1 |
| S4 | 5.0000 | 4.9654 | -.035 | -.693 | .12123 | .000 | 1 |
| S5 | 10.000 | 10.111 | .111 | 1.11 | .24779 | .001 | 1 |
| S2 | .80000 | .76297 | -.037 | -4.63 | .01787 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



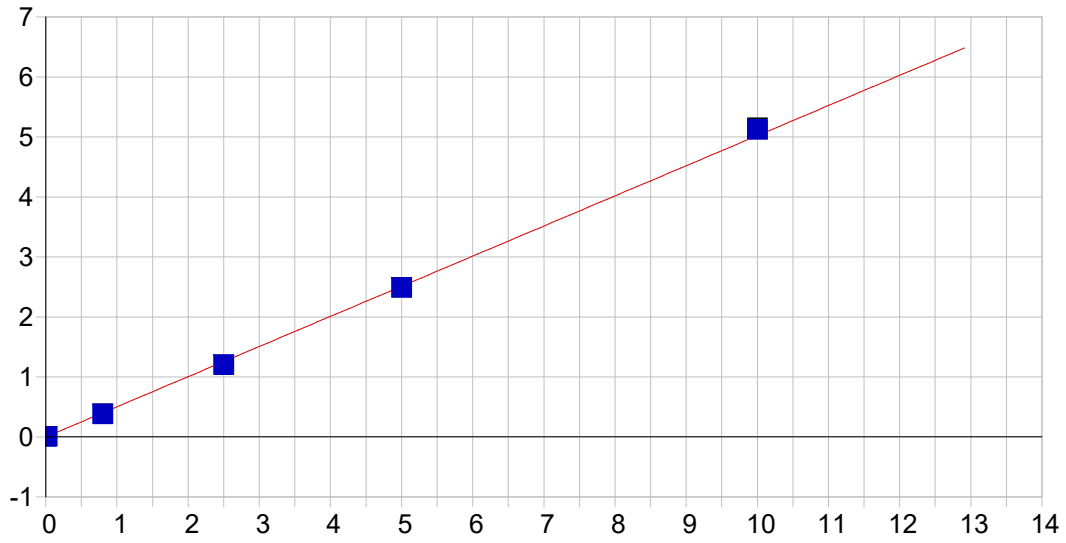

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000125 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.013733 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999679 | Status: | OK. |
| Std Error of Est: | 0.000008 | | |
| Predicted MDL: | 0.005704 | | |
| Predicted MQL: | 0.019013 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00012 | .000 | 1 |
| S1 | .02000 | .02024 | .000 | 1.19 | .00039 | .000 | 1 |
| S3 | 2.5000 | 2.4071 | -.093 | -3.72 | .03309 | .000 | 1 |
| S4 | 5.0000 | 4.9214 | -.079 | -1.57 | .06753 | .000 | 1 |
| S5 | 10.000 | 10.215 | .215 | 2.15 | .14005 | .001 | 1 |
| S2 | .80000 | .75614 | -.044 | -5.48 | .01048 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



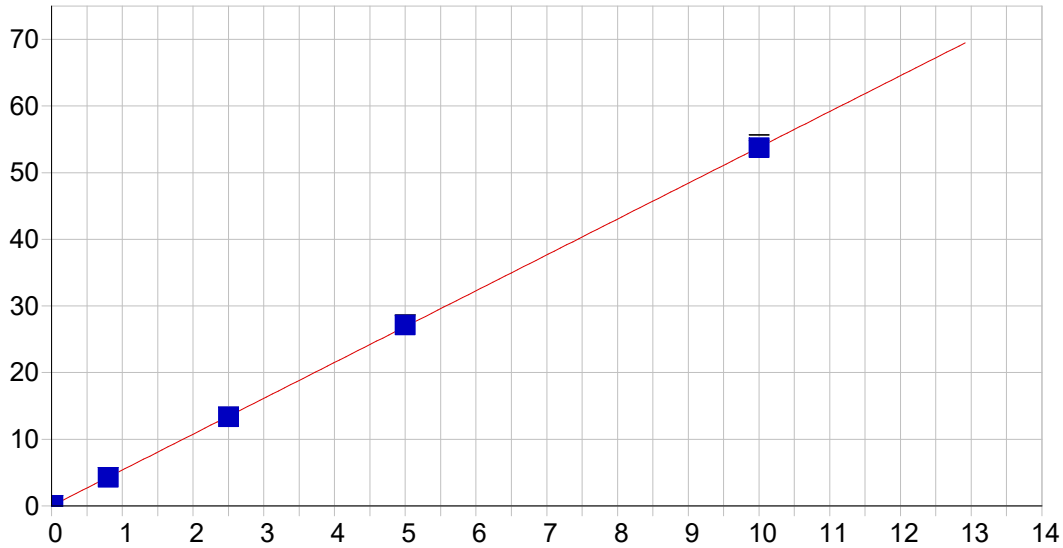

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000064 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.502138 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999684 | Status: | OK. |
| Std Error of Est: | 0.000296 | | |
| Predicted MDL: | 0.001410 | | |
| Predicted MQL: | 0.004698 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00006 | .000 | 1 |
| S5 | 10.000 | 10.201 | .201 | 2.01 | 5.1247 | .024 | 1 |
| S4 | 5.0000 | 4.9510 | -.049 | -.980 | 2.4873 | .002 | 1 |
| S3 | 2.5000 | 2.3934 | -.107 | -4.26 | 1.2024 | .002 | 1 |
| S1 | .02000 | .01994 | -.000 | -.277 | .01011 | .000 | 1 |
| S2 | .80000 | .75484 | -.045 | -5.65 | .37917 | .000 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674



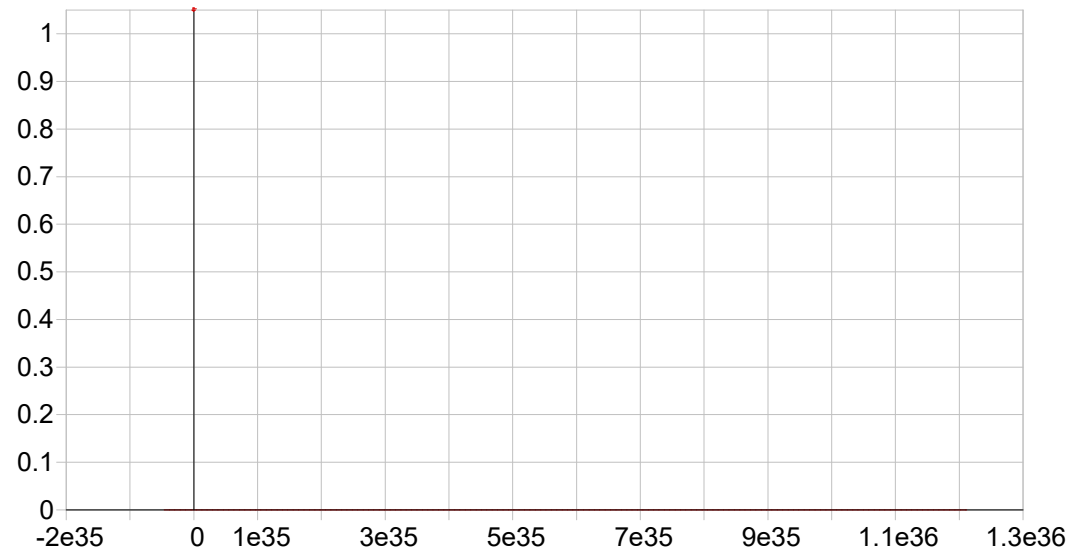

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.003326 | Re-Slope: | 1.000000 |
| A1 (Gain): | 5.379489 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999985 | Status: | OK. |
| Std Error of Est: | 0.000697 | | |
| Predicted MDL: | 0.000083 | | |
| Predicted MQL: | 0.000276 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00333 | .000 | 1 |
| S1 | .02000 | .01998 | -.000 | -.101 | .11132 | .001 | 1 |
| S3 | 2.5000 | 2.4831 | -.017 | -.675 | 13.374 | .025 | 1 |
| S4 | 5.0000 | 5.0396 | .040 | .791 | 27.139 | .086 | 1 |
| S5 | 10.000 | 9.9870 | -.013 | -.130 | 53.780 | .448 | 1 |
| S2 | .80000 | .79032 | -.010 | -1.21 | 4.2590 | .004 | 1 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

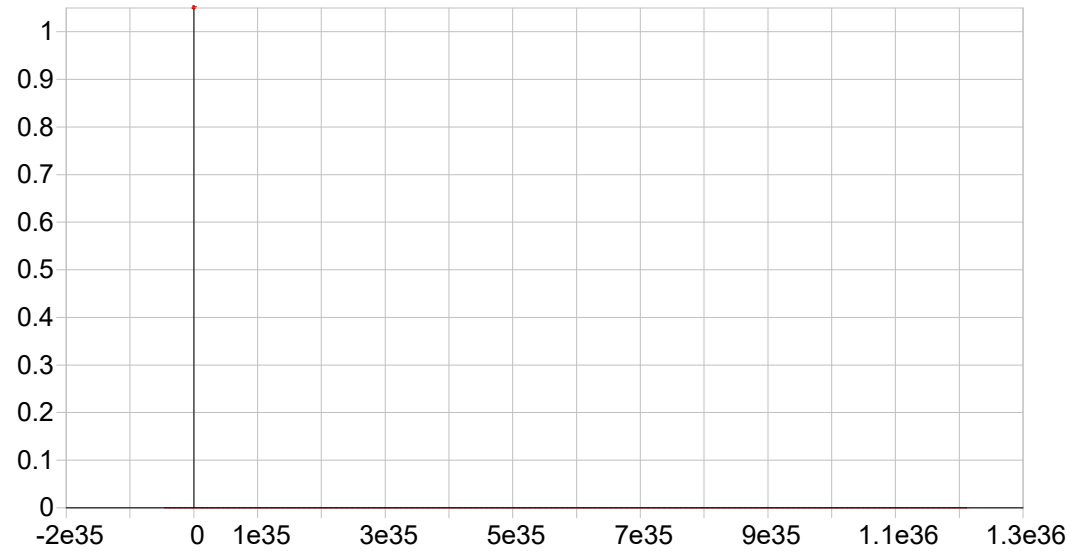



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 5/5/2025 17:23:47 | 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 |
|---|---|---|---|---|---|---|---|



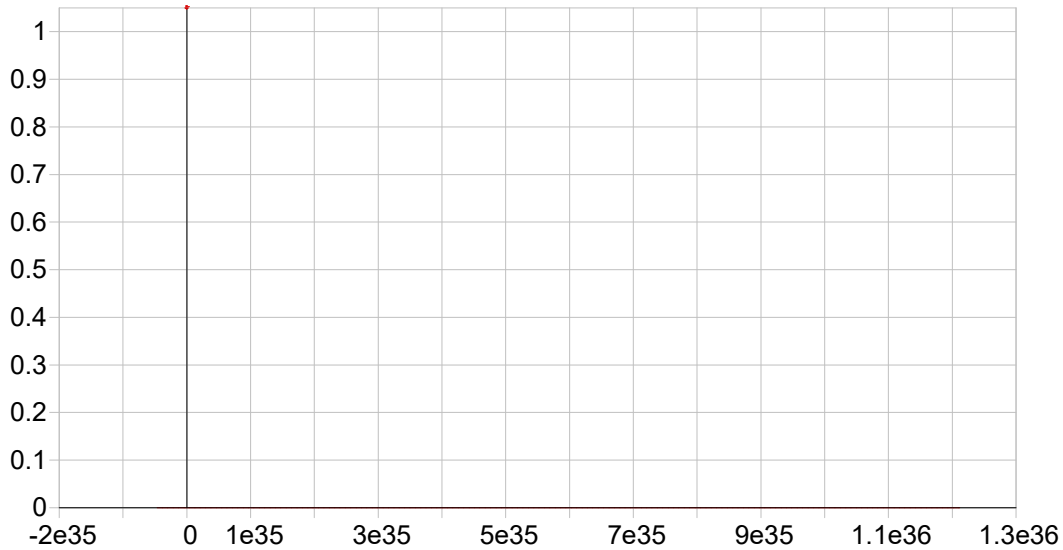

**Y 360.073 { 94}***

| | | | | | |
|---|---|---|---|---|---|
| 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:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

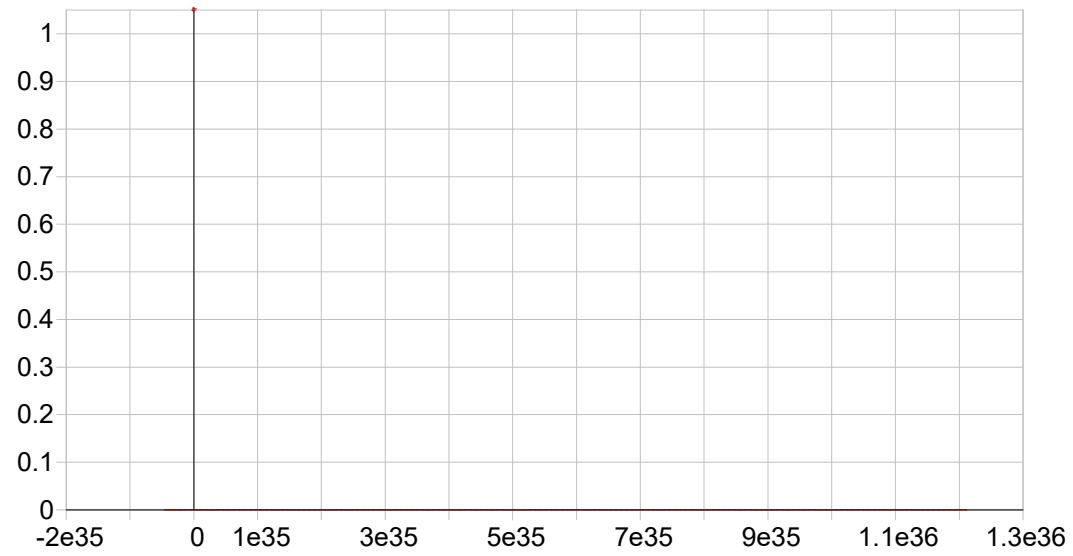
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | 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:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

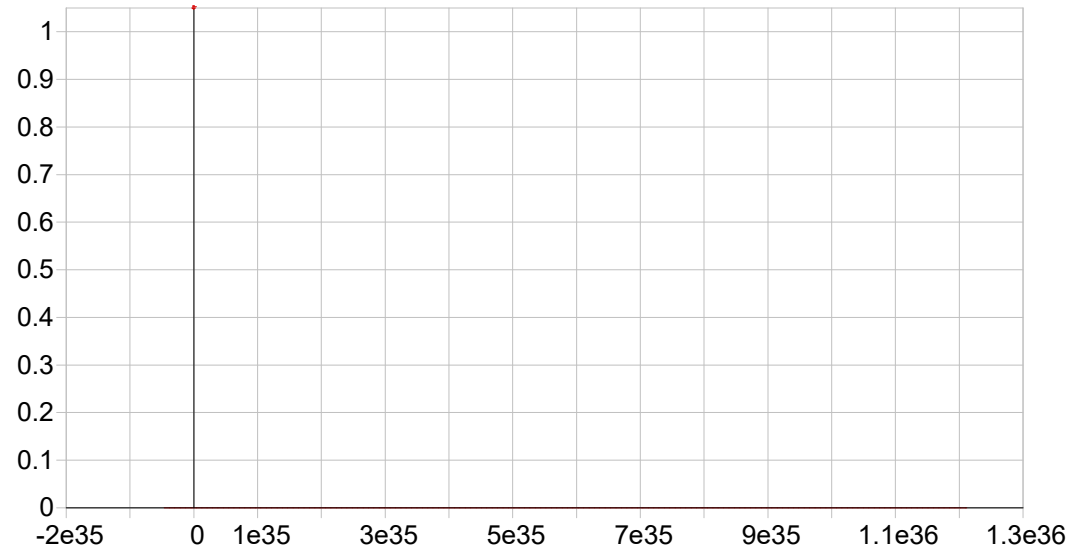



**Y 224.306 {150}***

| | | | | | |
|---|---|---|---|---|---|
| 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:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S0 Acquired: 5/5/2025 13:02:48 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.00009 | -.00005 | -.00002 | .00020 | .00044 | .00032 | .03206 | .00006 |
| Stddev | .00011 | .00004 | .00022 | .00006 | .00011 | .00007 | .00092 | .00009 |
| %RSD | 113.61 | 88.622 | 1108.6 | 31.139 | 24.989 | 22.424 | 2.8684 | 142.00 |
| #1 | -.00018 | -.00006 | .00024 | .00015 | .00047 | .00038 | .03219 | .00008 |
| #2 | -.00013 | -.00000 | -.00015 | .00017 | .00032 | .00034 | .03292 | -.00003 |
| #3 | .00003 | -.00009 | -.00015 | .00027 | .00053 | .00024 | .03109 | .00015 |

| 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 | .00072 | .00024 | .00012 | .00028 | -.00030 | .00006 | .00099 | -.00013 |
| Stddev | .00012 | .00019 | .00002 | .00014 | .00019 | .00002 | .00008 | .00008 |
| %RSD | 17.027 | 78.227 | 19.831 | 50.918 | 62.336 | 33.170 | 7.8160 | 60.457 |
| #1 | .00077 | .00004 | .00010 | .00038 | -.00052 | .00006 | .00091 | -.00007 |
| #2 | .00058 | .00041 | .00015 | .00012 | -.00015 | .00008 | .00105 | -.00009 |
| #3 | .00080 | .00027 | .00012 | .00034 | -.00025 | .00004 | .00103 | -.00021 |

| 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 | .00003 | -.00118 | .00226 | .00000 | .00425 | .00022 | .00089 | .00030 |
| Stddev | .00015 | .00006 | .00025 | .00008 | .00065 | .00011 | .00011 | .00018 |
| %RSD | 436.70 | 5.0985 | 11.241 | 1920.2 | 15.335 | 52.496 | 12.815 | 58.532 |
| #1 | .00004 | -.00117 | .00203 | -.00006 | .00434 | .00009 | .00093 | .00028 |
| #2 | .00018 | -.00124 | .00253 | -.00002 | .00486 | .00028 | .00076 | .00014 |
| #3 | -.00012 | -.00112 | .00221 | .00009 | .00356 | .00029 | .00098 | .00049 |

| 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 | .00028 | .00164 | .00012 | -.00090 | .00012 | -.00006 | .00333 |
| Stddev | .00005 | .00025 | .00003 | .00004 | .00002 | .00017 | .00005 |
| %RSD | 17.584 | 14.907 | 21.513 | 4.2273 | 12.836 | 263.85 | 1.4992 |
| #1 | .00032 | .00160 | .00012 | -.00094 | .00012 | -.00005 | .00337 |
| #2 | .00022 | .00191 | .00014 | -.00089 | .00011 | -.00024 | .00327 |
| #3 | .00029 | .00143 | .00009 | -.00086 | .00014 | .00010 | .00334 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S0 Acquired: 5/5/2025 13:02:48 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2911.6 | 68035. | 19080. | 1894.2 | 4641.9 |
| Stddev | 7.1 | 116. | 21. | 10.3 | 8.8 |
| %RSD | .24503 | .16977 | .11187 | .54277 | .18886 |
| | | | | | |
| #1 | 2904.6 | 67945. | 19098. | 1903.7 | 4632.0 |
| #2 | 2918.9 | 68165. | 19056. | 1895.6 | 4648.6 |
| #3 | 2911.3 | 67995. | 19084. | 1883.3 | 4645.2 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S1 Acquired: 5/5/2025 13:07:13 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .00074 | .00173 | .00178 | .00104 | .00599 | .00419 | .14831 | .01141 |
| Stddev | .00012 | .00012 | .00017 | .00008 | .00029 | .00005 | .00037 | .00009 |
| %RSD | 16.520 | 6.6892 | 9.3378 | 7.9103 | 4.9207 | 1.1847 | .25155 | .80996 |
| #1 | .00070 | .00166 | .00159 | .00098 | .00616 | .00421 | .14796 | .01130 |
| #2 | .00087 | .00186 | .00182 | .00113 | .00616 | .00423 | .14870 | .01145 |
| #3 | .00064 | .00166 | .00192 | .00100 | .00565 | .00414 | .14828 | .01147 |

| 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 | .01160 | .05360 | .00161 | .02618 | .01706 | .00041 | .00574 | .01683 |
| Stddev | .00028 | .00002 | .00005 | .00008 | .00051 | .00001 | .00008 | .00012 |
| %RSD | 2.4428 | .03086 | 3.2394 | .30986 | 3.0166 | 3.1131 | 1.3606 | .69573 |
| #1 | .01193 | .05358 | .00167 | .02613 | .01683 | .00042 | .00582 | .01693 |
| #2 | .01148 | .05361 | .00157 | .02627 | .01765 | .00042 | .00574 | .01670 |
| #3 | .01140 | .05360 | .00159 | .02613 | .01670 | .00040 | .00567 | .01687 |

| 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 | .02530 | .00115 | .03838 | .00289 | .09441 | .01194 | .02111 | .10583 |
| Stddev | .00021 | .00005 | .00020 | .00004 | .00125 | .00010 | .00013 | .00051 |
| %RSD | .81055 | 4.2395 | .52618 | 1.2431 | 1.3279 | .79631 | .63428 | .48641 |
| #1 | .02526 | .00111 | .03840 | .00292 | .09300 | .01205 | .02126 | .10632 |
| #2 | .02553 | .00114 | .03817 | .00285 | .09483 | .01189 | .02102 | .10588 |
| #3 | .02513 | .00121 | .03857 | .00290 | .09540 | .01188 | .02105 | .10530 |

| 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 | .00368 | .01033 | .00148 | -.00037 | .00039 | .01011 | .11132 |
| Stddev | .00008 | .00014 | .00001 | .00006 | .00006 | .00023 | .00085 |
| %RSD | 2.0608 | 1.3782 | .98721 | 16.574 | 15.257 | 2.2717 | .76051 |
| #1 | .00360 | .01016 | .00149 | -.00031 | .00034 | .01005 | .11209 |
| #2 | .00370 | .01041 | .00146 | -.00043 | .00046 | .00992 | .11147 |
| #3 | .00375 | .01041 | .00148 | -.00036 | .00038 | .01036 | .11041 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S1 Acquired: 5/5/2025 13:07:13 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2852.2 | 67937. | 18911. | 1889.5 | 4493.6 |
| Stddev | 10.2 | 217. | 22. | 4.9 | 13.8 |
| %RSD | .35730 | .31882 | .11841 | .25966 | .30786 |
| | | | | | |
| #1 | 2840.9 | 67791. | 18894. | 1886.2 | 4480.2 |
| #2 | 2860.7 | 68185. | 18936. | 1895.2 | 4507.8 |
| #3 | 2855.1 | 67833. | 18902. | 1887.2 | 4492.7 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S2 Acquired: 5/5/2025 13:11:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .02860 | .03424 | .12134 | .03142 | .08113 | .05722 | 1.8939 | .07224 |
| Stddev | .00008 | .00041 | .00004 | .00005 | .00010 | .00021 | .0026 | .00041 |
| %RSD | .27066 | 1.2021 | .03457 | .16846 | .12334 | .37569 | .13710 | .56157 |
| #1 | .02860 | .03472 | .12132 | .03136 | .08118 | .05710 | 1.8968 | .07271 |
| #2 | .02868 | .03397 | .12131 | .03142 | .08101 | .05709 | 1.8933 | .07202 |
| #3 | .02852 | .03404 | .12138 | .03146 | .08120 | .05747 | 1.8917 | .07199 |

| 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 | .70599 | .10112 | .02357 | .33943 | .15471 | .00307 | .10281 | .03023 |
| Stddev | .00117 | .00020 | .00004 | .00099 | .00028 | .00001 | .00029 | .00006 |
| %RSD | .16623 | .19989 | .18205 | .29260 | .17779 | .37527 | .27921 | .20770 |
| #1 | .70465 | .10092 | .02356 | .33864 | .15500 | .00307 | .10279 | .03025 |
| #2 | .70649 | .10132 | .02362 | .33910 | .15446 | .00308 | .10254 | .03016 |
| #3 | .70683 | .10113 | .02353 | .34054 | .15467 | .00305 | .10311 | .03027 |

| 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 | .24668 | .04515 | .07274 | .02781 | .85824 | .02269 | .14721 | .39409 |
| Stddev | .00045 | .00022 | .00045 | .00010 | .00826 | .00014 | .00038 | .00019 |
| %RSD | .18097 | .48124 | .61328 | .35560 | .96205 | .60170 | .26021 | .04779 |
| #1 | .24620 | .04504 | .07224 | .02786 | .85585 | .02256 | .14753 | .39426 |
| #2 | .24676 | .04540 | .07307 | .02770 | .86743 | .02283 | .14731 | .39389 |
| #3 | .24709 | .04500 | .07292 | .02788 | .85144 | .02268 | .14679 | .39413 |

| 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 | .06056 | .16809 | .00277 | .01787 | .01048 | .37917 | 4.2590 |
| Stddev | .00020 | .00058 | .00004 | .00005 | .00008 | .00049 | .0039 |
| %RSD | .33703 | .34231 | 1.4395 | .27928 | .79020 | .13002 | .09216 |
| #1 | .06036 | .16743 | .00275 | .01792 | .01044 | .37974 | 4.2630 |
| #2 | .06056 | .16836 | .00274 | .01784 | .01058 | .37892 | 4.2587 |
| #3 | .06076 | .16848 | .00281 | .01784 | .01042 | .37885 | 4.2552 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S2 Acquired: 5/5/2025 13:11:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2843.4 | 67752. | 19064. | 1874.7 | 4442.8 |
| Stddev | 3.3 | 112. | 93. | 3.2 | 7.0 |
| %RSD | .11540 | .16580 | .48854 | .16881 | .15787 |
| | | | | | |
| #1 | 2839.6 | 67853. | 18975. | 1874.1 | 4449.7 |
| #2 | 2845.1 | 67631. | 19160. | 1871.8 | 4443.1 |
| #3 | 2845.5 | 67771. | 19057. | 1878.1 | 4435.7 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S3 Acquired: 5/5/2025 13:15:40 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .08983 | .10892 | .38074 | .09864 | .25434 | .18121 | 5.9874 | .22868 |
| Stddev | .00025 | .00062 | .00083 | .00042 | .00111 | .00052 | .0046 | .00024 |
| %RSD | .27704 | .56966 | .21903 | .42359 | .43706 | .28874 | .07591 | .10667 |
| #1 | .08968 | .10931 | .37978 | .09859 | .25312 | .18116 | 5.9824 | .22860 |
| #2 | .08969 | .10923 | .38114 | .09825 | .25458 | .18072 | 5.9888 | .22895 |
| #3 | .09012 | .10820 | .38129 | .09908 | .25531 | .18176 | 5.9912 | .22848 |

| 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 | 2.2069 | .31966 | .07266 | 1.0687 | .48022 | .00946 | .32251 | .09621 |
| Stddev | .0052 | .00020 | .00018 | .0015 | .00136 | .00003 | .00103 | .00052 |
| %RSD | .23337 | .06375 | .24858 | .13775 | .28373 | .31947 | .31844 | .54212 |
| #1 | 2.2012 | .31986 | .07247 | 1.0670 | .47890 | .00943 | .32312 | .09566 |
| #2 | 2.2085 | .31945 | .07271 | 1.0692 | .48014 | .00946 | .32308 | .09629 |
| #3 | 2.2111 | .31966 | .07282 | 1.0698 | .48163 | .00949 | .32132 | .09669 |

| 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 | .77628 | .14072 | .22000 | .08758 | 2.6620 | .07007 | .46593 | 1.2328 |
| Stddev | .00218 | .00017 | .00045 | .00016 | .0120 | .00020 | .00164 | .0033 |
| %RSD | .28041 | .12424 | .20567 | .18520 | .45089 | .28210 | .35218 | .26577 |
| #1 | .77377 | .14071 | .21967 | .08758 | 2.6487 | .06990 | .46688 | 1.2322 |
| #2 | .77752 | .14090 | .21982 | .08742 | 2.6719 | .07029 | .46688 | 1.2298 |
| #3 | .77757 | .14056 | .22052 | .08775 | 2.6655 | .07002 | .46404 | 1.2363 |

| 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 | .18787 | .52542 | .00861 | .05958 | .03309 | 1.2024 | 13.374 |
| Stddev | .00065 | .00029 | .00001 | .00008 | .00022 | .0016 | .025 |
| %RSD | .34728 | .05450 | .09764 | .13778 | .67033 | .13161 | .18859 |
| #1 | .18716 | .52570 | .00861 | .05957 | .03290 | 1.2012 | 13.358 |
| #2 | .18802 | .52513 | .00861 | .05966 | .03304 | 1.2018 | 13.362 |
| #3 | .18844 | .52544 | .00862 | .05950 | .03334 | 1.2042 | 13.403 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S3 Acquired: 5/5/2025 13:15:40 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2847.1 | 69305. | 19026. | 1894.2 | 4391.1 |
| Stddev | 8.5 | 151. | 14. | 12.8 | 15.3 |
| %RSD | .29877 | .21855 | .07266 | .67681 | .34859 |
| | | | | | |
| #1 | 2855.0 | 69470. | 19036. | 1907.2 | 4408.4 |
| #2 | 2848.4 | 69273. | 19011. | 1893.9 | 4385.3 |
| #3 | 2838.1 | 69172. | 19033. | 1881.5 | 4379.5 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S4 Acquired: 5/5/2025 13:19:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .18058 | .21692 | .76551 | .19701 | .51171 | .36633 | 12.060 | .45414 |
| Stddev | .00031 | .00155 | .00160 | .00061 | .00225 | .00113 | .087 | .00075 |
| %RSD | .16924 | .71361 | .20850 | .30800 | .43921 | .30922 | .72228 | .16581 |
| #1 | .18079 | .21741 | .76671 | .19642 | .51156 | .36524 | 12.031 | .45396 |
| #2 | .18023 | .21817 | .76370 | .19697 | .50954 | .36625 | 12.158 | .45496 |
| #3 | .18071 | .21519 | .76612 | .19763 | .51403 | .36750 | 11.991 | .45349 |

| 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 | 4.4451 | .64062 | .14557 | 2.1454 | .95183 | .02002 | .64376 | .19315 |
| Stddev | .0051 | .00168 | .00035 | .0059 | .00316 | .00005 | .00181 | .00030 |
| %RSD | .11394 | .26232 | .24051 | .27698 | .33166 | .22878 | .28162 | .15529 |
| #1 | 4.4439 | .63926 | .14523 | 2.1453 | .95261 | .01996 | .64240 | .19298 |
| #2 | 4.4408 | .64250 | .14593 | 2.1395 | .94836 | .02004 | .64582 | .19349 |
| #3 | 4.4507 | .64011 | .14554 | 2.1514 | .95453 | .02005 | .64308 | .19297 |

| 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 | 1.5525 | .28721 | .46069 | .17853 | 5.3258 | .14805 | .92797 | 2.4637 |
| Stddev | .0022 | .00033 | .00021 | .00046 | .0092 | .00049 | .00126 | .0040 |
| %RSD | .14276 | .11349 | .04517 | .25753 | .17318 | .33131 | .13614 | .16211 |
| #1 | 1.5533 | .28728 | .46073 | .17812 | 5.3195 | .14805 | .92708 | 2.4652 |
| #2 | 1.5500 | .28750 | .46087 | .17903 | 5.3216 | .14854 | .92743 | 2.4591 |
| #3 | 1.5542 | .28686 | .46046 | .17845 | 5.3364 | .14756 | .92942 | 2.4667 |

| 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 | .37938 | 1.0634 | .01742 | .12123 | .06753 | 2.4873 | 27.139 |
| Stddev | .00073 | .0010 | .00005 | .00029 | .00025 | .0018 | .086 |
| %RSD | .19321 | .09639 | .28503 | .23729 | .37177 | .07125 | .31531 |
| #1 | .37904 | 1.0634 | .01737 | .12151 | .06773 | 2.4864 | 27.063 |
| #2 | .37887 | 1.0645 | .01746 | .12122 | .06725 | 2.4893 | 27.232 |
| #3 | .38022 | 1.0624 | .01744 | .12094 | .06761 | 2.4861 | 27.124 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S4 Acquired: 5/5/2025 13:19:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2836.8 | 67233. | 19058. | 1840.9 | 4310.8 |
| Stddev | 4.0 | 152. | 32. | 4.2 | 2.9 |
| %RSD | .14189 | .22639 | .16692 | .22654 | .06636 |
| | | | | | |
| #1 | 2834.4 | 67222. | 19054. | 1843.2 | 4310.1 |
| #2 | 2841.4 | 67087. | 19028. | 1843.5 | 4314.0 |
| #3 | 2834.5 | 67391. | 19091. | 1836.1 | 4308.4 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S5 Acquired: 5/5/2025 13:24:02 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .36407 | .43545 | 1.5228 | .39622 | 1.0347 | .74274 | 24.156 | .89910 |
| Stddev | .00240 | .00596 | .0056 | .00197 | .0072 | .00055 | .155 | .00635 |
| %RSD | .65989 | 1.3686 | .36824 | .49622 | .69453 | .07433 | .64365 | .70630 |
| #1 | .36276 | .43044 | 1.5177 | .39557 | 1.0349 | .74216 | 24.086 | .90599 |
| #2 | .36260 | .43387 | 1.5219 | .39466 | 1.0274 | .74281 | 24.048 | .89348 |
| #3 | .36684 | .44204 | 1.5288 | .39843 | 1.0418 | .74326 | 24.334 | .89782 |

| 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 | 8.8907 | 1.2805 | .28249 | 4.3053 | 1.8791 | .03844 | 1.2883 | .39105 |
| Stddev | .0357 | .0037 | .00092 | .0185 | .0070 | .00015 | .0036 | .00129 |
| %RSD | .40163 | .28689 | .32589 | .42883 | .37454 | .38971 | .27647 | .33062 |
| #1 | 8.8629 | 1.2828 | .28317 | 4.2905 | 1.8767 | .03827 | 1.2862 | .39232 |
| #2 | 8.8782 | 1.2762 | .28144 | 4.2994 | 1.8735 | .03856 | 1.2862 | .38974 |
| #3 | 8.9310 | 1.2824 | .28286 | 4.3260 | 1.8870 | .03848 | 1.2924 | .39110 |

| 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 | 3.0946 | .57348 | .93327 | .35932 | 10.473 | .30001 | 1.8602 | 4.8678 |
| Stddev | .0127 | .00081 | .00752 | .00044 | .050 | .00229 | .0137 | .0271 |
| %RSD | .41026 | .14189 | .80575 | .12308 | .47877 | .76426 | .73457 | .55760 |
| #1 | 3.0855 | .57442 | .92476 | .35914 | 10.482 | .29737 | 1.8743 | 4.8568 |
| #2 | 3.0893 | .57292 | .93902 | .35899 | 10.518 | .30133 | 1.8470 | 4.8479 |
| #3 | 3.1091 | .57311 | .93602 | .35982 | 10.419 | .30134 | 1.8593 | 4.8987 |

| 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 | .75996 | 2.1454 | .03503 | .24779 | .14005 | 5.1247 | 53.780 |
| Stddev | .00355 | .0059 | .00021 | .00133 | .00054 | .0244 | .448 |
| %RSD | .46696 | .27478 | .58843 | .53610 | .38337 | .47633 | .83364 |
| #1 | .75736 | 2.1403 | .03480 | .24655 | .13969 | 5.0985 | 53.596 |
| #2 | .75852 | 2.1440 | .03518 | .24763 | .13980 | 5.1287 | 53.453 |
| #3 | .76400 | 2.1519 | .03512 | .24919 | .14067 | 5.1468 | 54.291 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: S5 Acquired: 5/5/2025 13:24:02 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2779.1 | 67215. | 18845. | 1810.0 | 4140.3 |
| Stddev | 10.1 | 252. | 176. | 9.4 | 15.4 |
| %RSD | .36446 | .37488 | .93384 | .51779 | .37241 |
| | | | | | |
| #1 | 2785.8 | 66925. | 18651. | 1809.5 | 4155.8 |
| #2 | 2784.0 | 67377. | 18995. | 1800.9 | 4139.9 |
| #3 | 2767.4 | 67344. | 18889. | 1819.6 | 4125.0 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICV01 Acquired: 5/5/2025 14:18:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .9728087 | 1.015012 | .9876056 | 1.015439 | 1.001098 | 2.362805 |
| Stddev | .0041793 | .000795 | .0011998 | .002591 | .002139 | .004588 |
| %RSD | .4296092 | .0783415 | .1214827 | .2551334 | .2136173 | .1941867 |
| #1 | .9722727 | 1.015273 | .9863627 | 1.014740 | 1.001572 | 2.365353 |
| #2 | .9772301 | 1.014119 | .9876971 | 1.013269 | .998763 | 2.357508 |
| #3 | .9689232 | 1.015643 | .9887570 | 1.018307 | 1.002960 | 2.365555 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5222020 | .4826048 | .5012437 | 9.506268 | .5081659 | .4890881 |
| Stddev | .0023407 | .0007307 | .0001904 | .028528 | .0007111 | .0006915 |
| %RSD | .4482320 | .1514014 | .0379850 | .3001016 | .1399276 | .1413872 |
| #1 | .5243771 | .4821935 | .5014449 | 9.538694 | .5077989 | .4898458 |
| #2 | .5197251 | .4834484 | .5010664 | 9.495082 | .5089855 | .4884911 |
| #3 | .5225037 | .4821724 | .5012196 | 9.485027 | .5077134 | .4889272 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4994333 | 9.599951 | .4848101 | 5.637945 | .4902754 | .2276493 |
| Stddev | .0014573 | .043408 | .0010291 | .008304 | .0007649 | .0001074 |
| %RSD | .2917842 | .4521678 | .2122798 | .1472840 | .1560215 | .0471761 |
| #1 | .5011159 | 9.645878 | .4858563 | 5.646445 | .4899875 | .2275280 |
| #2 | .4986059 | 9.559602 | .4837989 | 5.629852 | .4896961 | .2276876 |
| #3 | .4985779 | 9.594374 | .4847751 | 5.637539 | .4911424 | .2277322 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.281986 | .4721611 | .9693329 | 9.265026 | F .0285938 | F -.000418 |
| Stddev | .037159 | .0012885 | .0036488 | .052484 | .0003680 | .000152 |
| %RSD | .4003386 | .2728987 | .3764207 | .5664740 | 1.287027 | 36.31454 |
| #1 | 9.299975 | .4720040 | .9727502 | 9.284428 | .0289231 | -.000250 |
| #2 | 9.239255 | .4709584 | .9654900 | 9.205603 | .0286618 | -.000460 |
| #3 | 9.306727 | .4735210 | .9697586 | 9.305046 | .0281965 | -.000545 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICV01 Acquired: 5/5/2025 14:18:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 -.002340 | F -.001122 | F -.013485 | F -.000464 | F .0028167 | F .0026534 |
| Stddev | .001214 | .000385 | .004238 | .001355 | .0034529 | .0001723 |
| %RSD | 51.89990 | 34.27387 | 31.42436 | 291.9530 | 122.5883 | 6.492185 |
| #1 | -.001444 | -.001247 | -.014333 | .000500 | .0014432 | .0025821 |
| #2 | -.003722 | -.001429 | -.008888 | -.002013 | .0002619 | .0025282 |
| #3 | -.001854 | -.000691 | -.017235 | .000121 | .0067450 | .0028499 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F -.008616 |
| Stddev | .000059 |
| %RSD | .6841570 |
| #1 | -.008618 |
| #2 | -.008555 |
| #3 | -.008673 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2974.416 | 69461.73 | 20057.08 | 1939.248 | 4624.312 |
| Stddev | 10.948 | 237.31 | 65.99 | 11.437 | 13.530 |
| %RSD | .3680642 | .3416453 | .3290024 | .5897788 | .2925749 |
| #1 | 2963.319 | 69193.13 | 19988.02 | 1926.605 | 4609.859 |
| #2 | 2974.720 | 69643.02 | 20063.72 | 1942.261 | 4626.403 |
| #3 | 2985.209 | 69549.05 | 20119.49 | 1948.876 | 4636.674 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: LLICV01 Acquired: 5/5/2025 14:36:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0234152 | .0410295 | .0108933 | .0225647 | .0533687 | .1001954 | .0952049 |
| Stddev | .0027254 | .0011875 | .0006119 | .0031351 | .0012780 | .0014107 | .0007249 |
| %RSD | 11.63935 | 2.894290 | 5.616917 | 13.89397 | 2.394613 | 1.407917 | .7614272 |
| #1 | .0247913 | .0414504 | .0112605 | .0243636 | .0518977 | .1011056 | .0945326 |
| #2 | .0251781 | .0396889 | .0112325 | .0189446 | .0542059 | .1009100 | .0951093 |
| #3 | .0202761 | .0419493 | .0101870 | .0243858 | .0540024 | .0985704 | .0959729 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058742 | .0058258 | 2.029337 | .0101621 | .0296520 | .0224318 | .0906298 |
| Stddev | .0000256 | .0000584 | .002763 | .0003067 | .0001090 | .0003420 | .0052311 |
| %RSD | .4359839 | 1.002628 | .1361408 | 3.017771 | .3676368 | 1.524444 | 5.771936 |
| #1 | .0058779 | .0058433 | 2.028796 | .0102355 | .0296970 | .0220916 | .0944903 |
| #2 | .0058978 | .0057607 | 2.026885 | .0104253 | .0295276 | .0224284 | .0927228 |
| #3 | .0058469 | .0058735 | 2.032330 | .0098253 | .0297312 | .0227755 | .0846763 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0184452 | 2.145744 | .0394795 | .0101542 | 1.931894 | .0396625 | .0412486 |
| Stddev | .0000558 | .007150 | .0001479 | .0002983 | .012392 | .0006255 | .0002552 |
| %RSD | .3026480 | .3332147 | .3745910 | 2.937739 | .6414273 | 1.577168 | .6187252 |
| #1 | .0184968 | 2.146529 | .0395261 | .0104932 | 1.933124 | .0396733 | .0411050 |
| #2 | .0183859 | 2.138234 | .0393140 | .0099317 | 1.943625 | .0402826 | .0415433 |
| #3 | .0184529 | 2.152469 | .0395985 | .0100376 | 1.918933 | .0390317 | .0410975 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.923389 | .1030308 | .2124132 | .0435206 | .0398021 | .3919183 | .0192484 |
| Stddev | .030437 | .0001289 | .0008077 | .0007821 | .0003180 | .0057167 | .0008162 |
| %RSD | 1.582482 | .1250679 | .3802408 | 1.797181 | .7988382 | 1.458644 | 4.240186 |
| #1 | 1.952132 | .1030718 | .2115930 | .0443271 | .0397029 | .3937726 | .0198276 |
| #2 | 1.926533 | .1028864 | .2124387 | .0434694 | .0395456 | .3964777 | .0196026 |
| #3 | 1.891501 | .1031341 | .2132078 | .0427653 | .0401579 | .3855047 | .0183150 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: LLICV01 Acquired: 5/5/2025 14:36:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0195617 | .0189800 | .0196947 |
| Stddev | .0084211 | .0006499 | .0000361 |
| %RSD | 43.04894 | 3.424088 | .1833109 |
| | | | |
| #1 | .0127844 | .0197253 | .0196637 |
| #2 | .0289890 | .0185310 | .0197343 |
| #3 | .0169116 | .0186838 | .0196859 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3052.118 | 72978.34 | 20673.06 | 1997.858 | 4873.554 |
| Stddev | 4.630 | 270.44 | 79.30 | 10.940 | 4.714 |
| %RSD | .1516980 | .3705817 | .3835744 | .5475964 | .0967303 |
| | | | | | |
| #1 | 3049.051 | 72669.12 | 20648.12 | 1985.237 | 4872.901 |
| #2 | 3057.444 | 73095.19 | 20761.84 | 2003.699 | 4878.561 |
| #3 | 3049.859 | 73170.72 | 20609.24 | 2004.638 | 4869.201 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICB01 Acquired: 5/5/2025 14:41:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0027381 | -.000807 | -.000144 | .0011157 | .0005178 | .0003750 | -.001095 |
| Stddev | .0012416 | .001195 | .001068 | .0020125 | .0008801 | .0032038 | .000663 |
| %RSD | 45.34691 | 148.2058 | 740.7650 | 180.3808 | 169.9827 | 854.3565 | 60.53829 |
| #1 | .0041342 | -.001312 | -.000004 | .0032630 | -.000213 | -.003108 | -.001766 |
| #2 | .0023225 | .000559 | -.001275 | .0008115 | .000272 | .001036 | -.000440 |
| #3 | .0017575 | -.001666 | .000847 | -.000727 | .001495 | .003197 | -.001080 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000035 | -.000122 | .0084229 | -.000105 | -.000117 | -.000136 | -.011024 |
| Stddev | .000058 | .000055 | .0086528 | .000121 | .000299 | .000221 | .003824 |
| %RSD | 166.4220 | 44.89751 | 102.7287 | 115.5946 | 255.5437 | 162.0398 | 34.69092 |
| #1 | -.000063 | -.000155 | .0181085 | -.000244 | -.000421 | -.000063 | -.006612 |
| #2 | .000032 | -.000059 | .0057043 | -.000046 | .000176 | -.000385 | -.013382 |
| #3 | -.000073 | -.000151 | .0014559 | -.000024 | -.000106 | .000038 | -.013079 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000377 | .0061170 | .0000248 | .0001786 | -.004889 | .0001931 | -.000434 |
| Stddev | .000568 | .0079326 | .0002934 | .0001922 | .014465 | .0021257 | .000162 |
| %RSD | 150.4560 | 129.6800 | 1182.500 | 107.6357 | 295.8894 | 1101.064 | 37.27114 |
| #1 | -.000818 | .0097472 | -.000066 | -.000025 | -.021458 | .0014269 | -.000387 |
| #2 | -.000578 | .0115849 | -.000212 | .000358 | .005224 | -.002262 | -.000301 |
| #3 | .000263 | -.002981 | .000353 | .000203 | .001568 | .001414 | -.000613 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.042754 | -.001408 | .0000745 | .0051780 | .0009252 | -.001895 | -.002602 |
| Stddev | .026645 | .000507 | .0001446 | .0007566 | .0004200 | .006943 | .001157 |
| %RSD | 62.32268 | 36.02495 | 194.0539 | 14.61239 | 45.39695 | 366.4008 | 44.47017 |
| #1 | -.072767 | -.001130 | .0002334 | .0045124 | .0007943 | -.007838 | -.001404 |
| #2 | -.033612 | -.001994 | .0000397 | .0060009 | .0005862 | .005737 | -.002689 |
| #3 | -.021883 | -.001100 | -.000050 | .0050206 | .0013950 | -.003584 | -.003713 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICB01 Acquired: 5/5/2025 14:41:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0037596 | .0001466 | -.000085 |
| Stddev | .0017771 | .0007976 | .000015 |
| %RSD | 47.26884 | 544.2427 | 17.89868 |
| | | | |
| #1 | .0054167 | .0007061 | -.000100 |
| #2 | .0018829 | .0005003 | -.000070 |
| #3 | .0039792 | -.000767 | -.000085 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2876.974 | 73047.24 | 20656.28 | 2016.865 | 4602.896 |
| Stddev | 10.975 | 105.67 | 72.84 | 13.132 | 21.527 |
| %RSD | .3814719 | .1446573 | .3526058 | .6510848 | .4676748 |
| | | | | | |
| #1 | 2867.171 | 73130.83 | 20579.72 | 2005.968 | 4589.082 |
| #2 | 2888.830 | 73082.42 | 20724.72 | 2031.445 | 4627.699 |
| #3 | 2874.920 | 72928.47 | 20664.39 | 2013.184 | 4591.908 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CRI01 Acquired: 5/5/2025 14:47:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0206324 | .0427961 | .0111982 | .0227954 | .0528456 | .0996157 | .0921706 |
| Stddev | .0029326 | .0027796 | .0002899 | .0056586 | .0014404 | .0013398 | .0008029 |
| %RSD | 14.21368 | 6.495085 | 2.588961 | 24.82326 | 2.725623 | 1.344917 | .8711203 |
| #1 | .0211386 | .0448042 | .0110035 | .0162718 | .0533971 | .0981415 | .0918372 |
| #2 | .0174796 | .0396237 | .0110597 | .0263748 | .0539287 | .1007589 | .0915882 |
| #3 | .0232789 | .0439606 | .0115314 | .0257397 | .0512109 | .0999467 | .0930866 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058492 | .0057855 | 2.004309 | .0102800 | .0296264 | .0223589 | .0939083 |
| Stddev | .0000213 | .0000830 | .005891 | .0003729 | .0002778 | .0006127 | .0018688 |
| %RSD | .3637825 | 1.434745 | .2939318 | 3.627839 | .9375836 | 2.740162 | 1.989971 |
| #1 | .0058336 | .0057135 | 1.998336 | .0098931 | .0296093 | .0218960 | .0960658 |
| #2 | .0058734 | .0058763 | 2.010115 | .0103096 | .0293575 | .0221270 | .0928641 |
| #3 | .0058405 | .0057668 | 2.004476 | .0106372 | .0299123 | .0230537 | .0927950 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0180182 | 2.096402 | .0398814 | .0103324 | 2.002003 | .0417198 | .0427000 |
| Stddev | .0003406 | .027878 | .0002801 | .0001966 | .008271 | .0018129 | .0003502 |
| %RSD | 1.890483 | 1.329817 | .7024227 | 1.902976 | .4131478 | 4.345390 | .8201913 |
| #1 | .0176591 | 2.070594 | .0399026 | .0105525 | 2.004764 | .0403946 | .0429637 |
| #2 | .0183367 | 2.125969 | .0395912 | .0102710 | 1.992704 | .0437858 | .0428336 |
| #3 | .0180589 | 2.092644 | .0401503 | .0101739 | 2.008540 | .0409791 | .0423026 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.021382 | .1013594 | .2139881 | .0423545 | .0408330 | .3992185 | .0173844 |
| Stddev | .020976 | .0007470 | .0006244 | .0011493 | .0016158 | .0058710 | .0047570 |
| %RSD | 1.037721 | .7370061 | .2917902 | 2.713627 | 3.956977 | 1.470614 | 27.36361 |
| #1 | 2.043358 | .1007402 | .2142771 | .0421357 | .0401209 | .4058200 | .0176575 |
| #2 | 2.001574 | .1021890 | .2132715 | .0435975 | .0426825 | .3945825 | .0219990 |
| #3 | 2.019214 | .1011489 | .2144156 | .0413302 | .0396956 | .3972529 | .0124968 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CRI01 Acquired: 5/5/2025 14:47:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0230191 | .0186162 | .0196803 |
| Stddev | .0027755 | .0012831 | .0000646 |
| %RSD | 12.05733 | 6.892138 | .3283726 |
| | | | |
| #1 | .0260773 | .0193409 | .0196445 |
| #2 | .0223200 | .0171347 | .0197549 |
| #3 | .0206600 | .0193728 | .0196416 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2917.874 | 69228.54 | 20270.13 | 1881.965 | 4667.620 |
| Stddev | 11.455 | 295.67 | 70.79 | 7.476 | 15.899 |
| %RSD | .3925788 | .4270863 | .3492294 | .3972266 | .3406331 |
| | | | | | |
| #1 | 2907.554 | 68889.56 | 20318.36 | 1875.131 | 4650.158 |
| #2 | 2930.199 | 69433.17 | 20188.86 | 1889.949 | 4681.261 |
| #3 | 2915.870 | 69362.91 | 20303.16 | 1880.815 | 4671.442 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSA01 Acquired: 5/5/2025 14:52:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0044690 | .0059508 | -.001420 | -.015174 | -.003421 | 240.3036 |
| Stddev | .0034415 | .0002281 | .002859 | .003921 | .003616 | .5932 |
| %RSD | 77.00936 | 3.833767 | 201.3799 | 25.84067 | 105.6996 | .2468381 |
| #1 | .0008600 | .0059479 | .001303 | -.018668 | -.004595 | 240.6450 |
| #2 | .0077141 | .0057242 | -.004398 | -.010933 | .000636 | 239.6187 |
| #3 | .0048328 | .0061805 | -.001165 | -.015919 | -.006306 | 240.6472 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0004042 | .0012921 | -.001986 | 226.1558 | .0537768 | .0011041 |
| Stddev | .0010341 | .0000442 | .000054 | .1073 | .0004064 | .0001032 |
| %RSD | 255.8350 | 3.424901 | 2.727720 | .0474448 | .7556749 | 9.347102 |
| #1 | -.000396 | .0012412 | -.002003 | 226.2401 | .0542076 | .0010598 |
| #2 | .001572 | .0013219 | -.001925 | 226.0350 | .0537225 | .0010304 |
| #3 | .000036 | .0013131 | -.002030 | 226.1922 | .0534003 | .0012220 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0121332 | 91.46136 | .0019655 | 241.5761 | .0011647 | .0007876 |
| Stddev | .0006566 | .10799 | .0001510 | .1450 | .0002117 | .0002988 |
| %RSD | 5.411868 | .1180739 | 7.681015 | .0600260 | 18.17925 | 37.93051 |
| #1 | .0117822 | 91.52404 | .0021228 | 241.4520 | .0009295 | .0010385 |
| #2 | .0128908 | 91.33666 | .0019518 | 241.5409 | .0012246 | .0004571 |
| #3 | .0117267 | 91.52338 | .0018218 | 241.7355 | .0013400 | .0008673 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0075737 | .0019405 | .0032254 | -.011564 | F .2760671 | -.000186 |
| Stddev | .0075331 | .0013539 | .0002572 | .010469 | .0005278 | .000272 |
| %RSD | 99.46422 | 69.77334 | 7.975504 | 90.52998 | .1911699 | 146.1828 |
| #1 | .0155746 | .0032714 | .0029369 | -.014105 | .2763448 | .000062 |
| #2 | .0006174 | .0019853 | .0033084 | -.020528 | .2754585 | -.000143 |
| #3 | .0065290 | .0005647 | .0034308 | -.000058 | .2763980 | -.000477 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSA01 Acquired: 5/5/2025 14:52:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.006076 | -.001882 | .0062596 | .0001568 | F -.020292 | .0016170 |
| Stddev | .000690 | .000948 | .0082979 | .0028980 | .003456 | .0003612 |
| %RSD | 11.36125 | 50.38272 | 132.5630 | 1847.898 | 17.03326 | 22.33629 |
| #1 | -.006849 | -.001640 | -.002924 | -.003189 | -.020589 | .0016674 |
| #2 | -.005523 | -.002928 | .008485 | .001849 | -.023590 | .0012333 |
| #3 | -.005855 | -.001078 | .013218 | .001811 | -.016696 | .0019503 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0077279 |
| Stddev | .0002447 |
| %RSD | 3.165740 |
| #1 | .0080097 |
| #2 | .0075703 |
| #3 | .0076037 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2658.616 | 66540.85 | 19486.31 | 1773.764 | 3907.407 |
| Stddev | 5.685 | 138.11 | 34.89 | 9.113 | 1.502 |
| %RSD | .2138399 | .2075633 | .1790712 | .5137560 | .0384434 |
| #1 | 2659.864 | 66633.91 | 19518.72 | 1782.878 | 3906.180 |
| #2 | 2663.574 | 66606.48 | 19490.84 | 1764.652 | 3909.082 |
| #3 | 2652.410 | 66382.15 | 19449.38 | 1773.761 | 3906.957 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSAB01 Acquired: 5/5/2025 15:07:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .1122296 | .1043392 | .0484356 | .0356583 | .6511259 | 232.7005 |
| Stddev | .0039690 | .0042265 | .0026683 | .0052951 | .0030036 | .4046 |
| %RSD | 3.536491 | 4.050771 | 5.508923 | 14.84954 | .4612997 | .1738831 |
| #1 | .1116833 | .1089273 | .0454190 | .0411571 | .6484457 | 232.3754 |
| #2 | .1164434 | .1034857 | .0494011 | .0352240 | .6505595 | 232.5725 |
| #3 | .1085620 | .1006045 | .0504868 | .0305937 | .6543724 | 233.1537 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4957937 | .5041967 | 1.047958 | 218.8387 | .5721209 | .5170101 |
| Stddev | .0014369 | .0011742 | .001458 | .5047 | .0027590 | .0008691 |
| %RSD | .2898144 | .2328823 | .1391351 | .2306168 | .4822490 | .1680997 |
| #1 | .4970523 | .5030981 | 1.048696 | 218.8945 | .5724347 | .5170640 |
| #2 | .4942281 | .5040579 | 1.046278 | 218.3084 | .5692184 | .5161153 |
| #3 | .4961006 | .5054342 | 1.048899 | 219.3131 | .5747096 | .5178510 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5195944 | 93.66188 | .4911192 | 233.8256 | 1.020818 | .1945312 |
| Stddev | .0025490 | .63406 | .0012619 | .4419 | .002727 | .0004261 |
| %RSD | .4905773 | .6769682 | .2569468 | .1889806 | .2671165 | .2190319 |
| #1 | .5223537 | 93.89394 | .4911307 | 233.8527 | 1.023161 | .1947671 |
| #2 | .5173275 | 92.94448 | .4898516 | 233.3708 | 1.017825 | .1940393 |
| #3 | .5191020 | 94.14721 | .4923754 | 234.2533 | 1.021468 | .1947872 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.028048 | .4870764 | 1.065762 | -.013155 | F .2887278 | F .0000903 |
| Stddev | .004321 | .0023427 | .005394 | .016723 | .0027103 | .0004031 |
| %RSD | 15.40416 | .4809786 | .5061243 | 127.1239 | .9387144 | 446.6282 |
| #1 | -.026352 | .4896389 | 1.071296 | -.027760 | .2900505 | .0000445 |
| #2 | -.032959 | .4850444 | 1.060520 | -.016792 | .2856101 | -.000288 |
| #3 | -.024833 | .4865459 | 1.065471 | .005087 | .2905228 | .000514 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSAB01 Acquired: 5/5/2025 15:07:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | F -.007220 | F -.003539 | F .0103072 | F .0020325 | F -.002155 | F .0032086 |
| Stddev | .001183 | .000672 | .0110207 | .0002325 | .009482 | .0008188 |
| %RSD | 16.38754 | 18.98315 | 106.9221 | 11.43953 | 440.0332 | 25.52048 |
| #1 | -.008236 | -.003251 | .0084166 | .0020394 | -.000271 | .0022808 |
| #2 | -.007502 | -.004307 | .0221509 | .0022615 | .006244 | .0035147 |
| #3 | -.005921 | -.003060 | .0003541 | .0017966 | -.012437 | .0038304 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0023525 |
| Stddev | .0002640 |
| %RSD | 11.22239 |
| #1 | .0020532 |
| #2 | .0025521 |
| #3 | .0024524 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2637.180 | 62734.12 | 19417.88 | 1724.259 | 3891.793 |
| Stddev | 5.530 | 93.98 | 38.59 | 8.007 | 6.479 |
| %RSD | .2097034 | .1498106 | .1987324 | .4643639 | .1664685 |
| #1 | 2631.672 | 62639.78 | 19396.74 | 1717.981 | 3884.467 |
| #2 | 2637.136 | 62827.74 | 19394.49 | 1733.276 | 3896.767 |
| #3 | 2642.732 | 62734.84 | 19462.42 | 1721.521 | 3894.145 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSADLX20 Acquired: 5/5/2025 15:11:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000336 | -.000235 | -.001499 | .0029718 | .0004327 | 11.61617 | -.004681 |
| Stddev | .001548 | .000227 | .003114 | .0008556 | .0006152 | .02205 | .000604 |
| %RSD | 460.6558 | 96.63788 | 207.7093 | 28.79204 | 142.2047 | .1898276 | 12.90142 |
| #1 | -.000980 | .000027 | -.004922 | .0032953 | .0001945 | 11.59150 | -.005096 |
| #2 | -.001458 | -.000368 | .001169 | .0020016 | -.000028 | 11.62303 | -.004960 |
| #3 | .001430 | -.000364 | -.000746 | .0036185 | .001131 | 11.63397 | -.003988 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000510 | -.000610 | 11.45161 | .0026934 | -.000240 | .0001614 | 4.725424 |
| Stddev | .0000768 | .000162 | .01529 | .0001245 | .000145 | .0000497 | .029357 |
| %RSD | 150.6603 | 26.50017 | .1335205 | 4.623057 | 60.63996 | 30.78654 | .6212626 |
| #1 | .0000580 | -.000777 | 11.46903 | .0025536 | -.000288 | .0001338 | 4.698713 |
| #2 | .0001240 | -.000455 | 11.44043 | .0027923 | -.000076 | .0001316 | 4.720702 |
| #3 | -.000029 | -.000597 | 11.44536 | .0027342 | -.000355 | .0002187 | 4.756856 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001314 | 11.67188 | .0002649 | -.000206 | -.049675 | -.001217 | -.000443 |
| Stddev | .000256 | .03389 | .0001255 | .000233 | .007672 | .001642 | .000318 |
| %RSD | 19.46687 | .2903954 | 47.39739 | 112.9901 | 15.44519 | 134.9533 | 71.68785 |
| #1 | -.001030 | 11.63411 | .0002395 | -.000012 | -.055776 | -.000494 | -.000805 |
| #2 | -.001527 | 11.68189 | .0004011 | -.000465 | -.052188 | -.003096 | -.000210 |
| #3 | -.001384 | 11.69965 | .0001539 | -.000142 | -.041061 | -.000060 | -.000314 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.028730 | .0130870 | -.000147 | -.001637 | -.001010 | -.009500 | -.005384 |
| Stddev | .025014 | .0004824 | .000137 | .000526 | .000597 | .005946 | .001858 |
| %RSD | 87.06513 | 3.685901 | 92.69688 | 32.11327 | 59.11698 | 62.58924 | 34.51006 |
| #1 | -.037205 | .0129658 | .000008 | -.001861 | -.001582 | -.002980 | -.006790 |
| #2 | -.000580 | .0136184 | -.000200 | -.001036 | -.000391 | -.010896 | -.006084 |
| #3 | -.048406 | .0126768 | -.000250 | -.002013 | -.001057 | -.014624 | -.003277 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSADLX20 Acquired: 5/5/2025 15:11:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0029561 | -.000352 | -.000398 |
| Stddev | .0012805 | .000875 | .000085 |
| %RSD | 43.31813 | 248.7616 | 21.24614 |
| | | | |
| #1 | .0027108 | -.000519 | -.000378 |
| #2 | .0043415 | -.001130 | -.000326 |
| #3 | .0018160 | .000595 | -.000491 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2943.834 | 69139.62 | 20073.39 | 1893.905 | 4671.427 |
| Stddev | 29.747 | 43.68 | 59.03 | 2.412 | 42.633 |
| %RSD | 1.010471 | .0631731 | .2940731 | .1273785 | .9126372 |
| | | | | | |
| #1 | 2909.820 | 69105.13 | 20040.46 | 1894.971 | 4622.462 |
| #2 | 2964.982 | 69125.00 | 20038.17 | 1895.602 | 4700.320 |
| #3 | 2956.700 | 69188.74 | 20141.54 | 1891.144 | 4691.498 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSABDLX20 Acquired: 5/5/2025 15:16:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047770 | .0076617 | .0012160 | .0030673 | .0302866 | 11.22435 | .0196828 |
| Stddev | .0023075 | .0009610 | .0007675 | .0011417 | .0012895 | .01615 | .0011267 |
| %RSD | 48.30434 | 12.54242 | 63.11463 | 37.22004 | 4.257729 | .1438636 | 5.724076 |
| #1 | .0024960 | .0067370 | .0013355 | .0043461 | .0315844 | 11.20573 | .0208027 |
| #2 | .0071101 | .0086552 | .0003958 | .0027052 | .0302700 | 11.23271 | .0185495 |
| #3 | .0047249 | .0075928 | .0019166 | .0021507 | .0290055 | 11.23460 | .0196961 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0249942 | .0509549 | 11.13448 | .0290342 | .0248184 | .0267342 | 4.696528 |
| Stddev | .0000386 | .0002641 | .02340 | .0005934 | .0000876 | .0003760 | .002565 |
| %RSD | .1542968 | .5182497 | .2101764 | 2.043939 | .3531207 | 1.406538 | .0546234 |
| #1 | .0250386 | .0506606 | 11.15704 | .0296979 | .0247442 | .0270173 | 4.695667 |
| #2 | .0249759 | .0510332 | 11.13607 | .0288500 | .0247958 | .0263075 | 4.699413 |
| #3 | .0249683 | .0511710 | 11.11032 | .0285547 | .0249151 | .0268777 | 4.694504 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0237775 | 11.29397 | .0504288 | .0089776 | -.061290 | .0237290 | .0521262 |
| Stddev | .0000690 | .04621 | .0003263 | .0002648 | .001747 | .0026226 | .0006134 |
| %RSD | .2902330 | .4091407 | .6470434 | 2.949181 | 2.849587 | 11.05219 | 1.176823 |
| #1 | .0237572 | 11.33168 | .0500520 | .0091127 | -.061513 | .0213931 | .0527239 |
| #2 | .0237209 | 11.30780 | .0506222 | .0091475 | -.059443 | .0232281 | .0521566 |
| #3 | .0238543 | 11.24242 | .0506120 | .0086725 | -.062915 | .0265659 | .0514982 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.041140 | .0124888 | -.000245 | -.000371 | -.000177 | -.004455 | -.005920 |
| Stddev | .014043 | .0007480 | .000287 | .001027 | .000612 | .007312 | .002751 |
| %RSD | 34.13503 | 5.989126 | 116.7684 | 277.0974 | 346.2063 | 164.1420 | 46.46821 |
| #1 | -.047159 | .0122775 | -.000288 | -.000820 | -.000882 | .001386 | -.003620 |
| #2 | -.051171 | .0133196 | -.000508 | -.001096 | .000137 | -.012655 | -.005172 |
| #3 | -.025091 | .0118691 | .000060 | .000804 | .000215 | -.002094 | -.008967 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: ICSABDLX20 Acquired: 5/5/2025 15:16:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | .0047506 | -.000737 | -.000451 |
| Stddev | .0051042 | .001931 | .000023 |
| %RSD | 107.4439 | 261.9232 | 5.168312 |
| | | | |
| #1 | .0095753 | -.001213 | -.000478 |
| #2 | .0052696 | .001387 | -.000435 |
| #3 | -.000593 | -.002385 | -.000440 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2921.221 | 68583.83 | 20448.19 | 1891.600 | 4609.119 |
| Stddev | 6.025 | 270.90 | 79.91 | 14.296 | 3.969 |
| %RSD | .2062650 | .3949892 | .3907974 | .7557723 | .0861156 |
| | | | | | |
| #1 | 2919.217 | 68319.01 | 20356.34 | 1877.006 | 4605.617 |
| #2 | 2927.994 | 68572.06 | 20501.78 | 1892.216 | 4613.431 |
| #3 | 2916.454 | 68860.42 | 20486.46 | 1905.579 | 4608.310 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV01 Acquired: 5/5/2025 15:20:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.932022 | 4.981239 | 4.935041 | 4.962019 | 4.948346 | 9.772024 | 9.849862 |
| Stddev | .036680 | .016201 | .015691 | .024018 | .023768 | .015664 | .005317 |
| %RSD | .7437025 | .3252349 | .3179575 | .4840314 | .4803136 | .1602919 | .0539845 |
| #1 | 4.919375 | 4.962535 | 4.922925 | 4.956235 | 4.947155 | 9.787238 | 9.855811 |
| #2 | 4.903339 | 4.990919 | 4.929431 | 4.941421 | 4.925197 | 9.772889 | 9.845572 |
| #3 | 4.973351 | 4.990261 | 4.952766 | 4.988400 | 4.972687 | 9.755946 | 9.848202 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2425941 | 2.449843 | 24.37217 | .9958938 | 2.453990 | 1.239531 | 5.099937 |
| Stddev | .0018432 | .006870 | .10653 | .0022972 | .006533 | .004203 | .027594 |
| %RSD | .7597795 | .2804332 | .4370994 | .2306692 | .2662296 | .3390534 | .5410565 |
| #1 | .2406471 | 2.442700 | 24.25147 | .9944018 | 2.448943 | 1.239194 | 5.127195 |
| #2 | .2428230 | 2.450426 | 24.45306 | .9985392 | 2.451658 | 1.235506 | 5.100596 |
| #3 | .2443121 | 2.456403 | 24.41197 | .9947404 | 2.461370 | 1.243892 | 5.072020 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.430803 | 24.20008 | 2.448378 | 1.237736 | 24.96723 | 2.438968 | 2.481081 |
| Stddev | .009472 | .20172 | .005776 | .002452 | .14925 | .008699 | .014322 |
| %RSD | .3896793 | .8335341 | .2358939 | .1981184 | .5978019 | .3566579 | .5772516 |
| #1 | 2.424319 | 23.97186 | 2.442984 | 1.234987 | 25.07096 | 2.440875 | 2.464552 |
| #2 | 2.441673 | 24.35452 | 2.447679 | 1.238523 | 25.03455 | 2.446555 | 2.488871 |
| #3 | 2.426416 | 24.27385 | 2.454471 | 1.239698 | 24.79617 | 2.429474 | 2.489819 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.91208 | 4.818402 | 4.982410 | 4.926264 | 4.874668 | 4.920609 | 4.973906 |
| Stddev | .13138 | .031791 | .021387 | .019038 | .011618 | .026523 | .021810 |
| %RSD | .5273854 | .6597921 | .4292524 | .3864664 | .2383433 | .5390209 | .4384822 |
| #1 | 24.94035 | 4.786179 | 4.974453 | 4.906223 | 4.876081 | 4.932394 | 4.950982 |
| #2 | 25.02702 | 4.819284 | 4.966143 | 4.928457 | 4.885516 | 4.939197 | 4.976338 |
| #3 | 24.76886 | 4.849743 | 5.006635 | 4.944110 | 4.862408 | 4.890235 | 4.994398 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV01 Acquired: 5/5/2025 15:20:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.853895 | 4.826145 | 4.953520 |
| Stddev | .015934 | .018594 | .040191 |
| %RSD | .3282747 | .3852676 | .8113598 |
| | | | |
| #1 | 4.849341 | 4.830954 | 4.929542 |
| #2 | 4.840733 | 4.841862 | 4.931099 |
| #3 | 4.871610 | 4.805620 | 4.999920 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2892.978 | 68679.22 | 19863.66 | 1872.949 | 4414.559 |
| Stddev | 6.769 | 106.84 | 56.82 | 7.011 | 6.029 |
| %RSD | .2339790 | .1555641 | .2860327 | .3743506 | .1365660 |
| | | | | | |
| #1 | 2894.942 | 68695.57 | 19927.69 | 1880.381 | 4421.238 |
| #2 | 2898.548 | 68565.15 | 19844.04 | 1866.452 | 4412.918 |
| #3 | 2885.445 | 68776.94 | 19819.25 | 1872.014 | 4409.520 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB01 Acquired: 5/5/2025 15:26:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0010443 | .0002949 | -.001209 | .0032656 | -.002404 | .0019833 | -.002933 |
| Stddev | .0033697 | .0018192 | .000925 | .0042365 | .000900 | .0057013 | .001572 |
| %RSD | 322.6771 | 616.8556 | 76.52682 | 129.7318 | 37.42235 | 287.4688 | 53.61044 |
| #1 | -.001998 | .0020649 | -.000142 | -.000958 | -.001399 | -.003409 | -.002482 |
| #2 | .000464 | .0003897 | -.001696 | .003240 | -.002678 | .007950 | -.001635 |
| #3 | .004666 | -.001570 | -.001789 | .007515 | -.003135 | .001408 | -.004682 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000361 | -.000045 | .0093603 | -.000023 | .0000462 | .0000897 | -.001157 |
| Stddev | .0000635 | .000111 | .0022125 | .000206 | .0001963 | .0003767 | .002523 |
| %RSD | 175.9552 | 245.8932 | 23.63756 | 888.9453 | 424.8860 | 419.8270 | 218.0797 |
| #1 | .0000590 | -.000100 | .0119108 | .000187 | .0000281 | .0000649 | -.001067 |
| #2 | -.000036 | -.000118 | .0079571 | -.000032 | -.000140 | -.000274 | .001320 |
| #3 | .000085 | .000083 | .0082128 | -.000224 | .000251 | .000478 | -.003724 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000204 | .0061299 | .0001475 | .0002299 | -.060186 | .0002179 | -.000171 |
| Stddev | .000113 | .0029933 | .0002305 | .0001972 | .006359 | .0012051 | .000255 |
| %RSD | 55.56771 | 48.83127 | 156.3189 | 85.81450 | 10.56481 | 553.0018 | 148.8036 |
| #1 | -.000296 | .0080101 | .0002947 | .0001020 | -.056932 | .0010891 | .000120 |
| #2 | -.000077 | .0077016 | -.000118 | .0001305 | -.056113 | .0007221 | -.000279 |
| #3 | -.000238 | .0026781 | .000266 | .0004570 | -.067513 | -.001157 | -.000355 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.045228 | .0030277 | .0008112 | .0058194 | .0007331 | -.000110 | -.004178 |
| Stddev | .030775 | .0008125 | .0002922 | .0004735 | .0004900 | .004286 | .000589 |
| %RSD | 68.04460 | 26.83548 | 36.02748 | 8.137502 | 66.84078 | 3887.557 | 14.09040 |
| #1 | -.080735 | .0034722 | .0011144 | .0053106 | .0011146 | .002693 | -.004378 |
| #2 | -.026223 | .0035209 | .0007878 | .0059004 | .0009042 | .002020 | -.004641 |
| #3 | -.028727 | .0020899 | .0005313 | .0062473 | .0001805 | -.005044 | -.003516 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB01 Acquired: 5/5/2025 15:26:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0044512 | -.000200 | .0002299 |
| Stddev | .0038201 | .000915 | .0000530 |
| %RSD | 85.82234 | 457.7323 | 23.06938 |
| | | | |
| #1 | .0019768 | .000387 | .0001755 |
| #2 | .0088509 | -.001254 | .0002814 |
| #3 | .0025259 | .000267 | .0002328 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2902.407 | 71199.77 | 20711.39 | 1939.165 | 4621.699 |
| Stddev | 26.860 | 158.49 | 46.06 | 13.865 | 48.656 |
| %RSD | .9254537 | .2225929 | .2224065 | .7149888 | 1.052764 |
| | | | | | |
| #1 | 2871.996 | 71049.52 | 20663.72 | 1924.875 | 4566.128 |
| #2 | 2922.893 | 71365.38 | 20714.80 | 1952.561 | 4656.643 |
| #3 | 2912.332 | 71184.42 | 20755.65 | 1940.058 | 4642.327 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1916-01 Acquired: 5/5/2025 15:30:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0547028 | .0230152 | 1.285847 | -.075366 | -.002662 | 185.8678 | 1.092394 |
| Stddev | .0012690 | .0012162 | .004938 | .004540 | .003320 | .1836 | .003021 |
| %RSD | 2.319837 | 5.284462 | .3840127 | 6.023397 | 124.7265 | .0987923 | .2765742 |
| #1 | .0548034 | .0224363 | 1.286766 | -.079620 | .000072 | 185.6558 | 1.091256 |
| #2 | .0533865 | .0221965 | 1.280514 | -.075892 | -.006355 | 185.9726 | 1.090107 |
| #3 | .0559185 | .0244127 | 1.290261 | -.070587 | -.001702 | 185.9750 | 1.095819 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0180292 | -.000287 | 50.20529 | .3816707 | .2252095 | .3916252 | 496.9115 |
| Stddev | .0001838 | .000199 | .16656 | .0006601 | .0001723 | .0012311 | 1.5911 |
| %RSD | 1.019475 | 69.27955 | .3317649 | .1729523 | .0765256 | .3143634 | .3202061 |
| #1 | .0179254 | -.000428 | 50.12905 | .3811180 | .2253347 | .3902554 | 495.9380 |
| #2 | .0182414 | -.000374 | 50.09049 | .3814925 | .2250130 | .3919810 | 498.7477 |
| #3 | .0179207 | -.000060 | 50.39633 | .3824017 | .2252809 | .3926393 | 496.0488 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.156200 | 112.0497 | .4795529 | .0095510 | 20.72582 | .4552183 | 1.518140 |
| Stddev | .018403 | .3267 | .0010809 | .0001426 | .11760 | .0029860 | .003549 |
| %RSD | .3569110 | .2915693 | .2253910 | 1.492991 | .5674296 | .6559516 | .2337746 |
| #1 | 5.142389 | 111.7599 | .4789806 | .0096300 | 20.81878 | .4518508 | 1.520851 |
| #2 | 5.149118 | 111.9856 | .4788785 | .0096366 | 20.76507 | .4562610 | 1.519445 |
| #3 | 5.177091 | 112.4038 | .4807996 | .0093864 | 20.59361 | .4575431 | 1.514123 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 41.81567 | 1.629082 | .0113697 | .0202787 | 5.451440 | 1.990442 | 3.212773 |
| Stddev | .15180 | .006628 | .0005312 | .0011307 | .014108 | .005312 | .012929 |
| %RSD | .3630258 | .4068379 | 4.672450 | 5.575604 | .2587949 | .2668568 | .4024247 |
| #1 | 41.93987 | 1.625506 | .0107897 | .0203627 | 5.442512 | 1.995104 | 3.199942 |
| #2 | 41.86070 | 1.636730 | .0118327 | .0191084 | 5.444103 | 1.984659 | 3.212578 |
| #3 | 41.64645 | 1.625011 | .0114867 | .0213650 | 5.467705 | 1.991563 | 3.225798 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1916-01 Acquired: 5/5/2025 15:30:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.215572 | .8910031 | -.212696 |
| Stddev | .017827 | .0010728 | .001870 |
| %RSD | .8046370 | .1203993 | .8793182 |
| | | | |
| #1 | 2.199321 | .8897681 | -.212358 |
| #2 | 2.212753 | .8915371 | -.214712 |
| #3 | 2.234640 | .8917041 | -.211018 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3278.635 | 78047.82 | 23741.64 | 2135.552 | 4068.463 |
| Stddev | 3.351 | 206.52 | 106.90 | 6.899 | .421 |
| %RSD | .1022011 | .2646085 | .4502790 | .3230561 | .0103485 |
| | | | | | |
| #1 | 3277.968 | 78018.92 | 23859.79 | 2130.043 | 4067.980 |
| #2 | 3275.668 | 77857.26 | 23713.54 | 2133.323 | 4068.755 |
| #3 | 3282.270 | 78267.26 | 23651.60 | 2143.289 | 4068.652 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1917-01 Acquired: 5/5/2025 15:35:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0310738 | .0154137 | .1961929 | -.049789 | -.004239 | 154.4341 | 1.210224 |
| Stddev | .0021725 | .0034986 | .0031811 | .005832 | .002800 | .2096 | .003094 |
| %RSD | 6.991499 | 22.69796 | 1.621438 | 11.71396 | 66.06096 | .1356943 | .2556917 |
| #1 | .0324119 | .0149548 | .1950497 | -.053579 | -.007194 | 154.2394 | 1.209031 |
| #2 | .0285671 | .0121672 | .1937413 | -.043073 | -.001625 | 154.6559 | 1.213737 |
| #3 | .0322425 | .0191192 | .1997876 | -.052715 | -.003897 | 154.4070 | 1.207904 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0135526 | -.002691 | 21.69921 | .2622821 | .1746617 | .2721947 | 323.8902 |
| Stddev | .0000896 | .000419 | .07349 | .0003629 | .0002486 | .0018137 | 2.1430 |
| %RSD | .6610104 | 15.56397 | .3386665 | .1383445 | .1423568 | .6663408 | .6616431 |
| #1 | .0134517 | -.003111 | 21.63468 | .2618763 | .1745695 | .2705777 | 326.3025 |
| #2 | .0135830 | -.002688 | 21.77920 | .2625753 | .1744723 | .2718506 | 323.1616 |
| #3 | .0136229 | -.002273 | 21.68374 | .2623947 | .1749433 | .2741559 | 322.2065 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.597094 | 72.29726 | .3348484 | .0065675 | 14.62095 | .3367277 | .7357781 |
| Stddev | .023351 | .13132 | .0016830 | .0004523 | .07722 | .0000595 | .0004540 |
| %RSD | .3073609 | .1816364 | .5026265 | 6.887549 | .5281773 | .0176825 | .0617045 |
| #1 | 7.596474 | 72.21152 | .3346915 | .0070615 | 14.70566 | .3367458 | .7358615 |
| #2 | 7.620749 | 72.44844 | .3332493 | .0061736 | 14.55448 | .3366612 | .7361846 |
| #3 | 7.574060 | 72.23182 | .3366044 | .0064673 | 14.60270 | .3367760 | .7352882 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.43976 | 1.077492 | .0046374 | .0004474 | 4.471215 | 2.483720 | 3.738897 |
| Stddev | .12790 | .010514 | .0002049 | .0013878 | .011245 | .006517 | .000695 |
| %RSD | .5027574 | .9757844 | 4.418517 | 310.1694 | .2514989 | .2623858 | .0185974 |
| #1 | 25.58270 | 1.089440 | .0048447 | .0011906 | 4.472739 | 2.488899 | 3.738094 |
| #2 | 25.40047 | 1.073385 | .0044350 | -.001154 | 4.481620 | 2.476402 | 3.739287 |
| #3 | 25.33611 | 1.069652 | .0046324 | .001305 | 4.459285 | 2.485859 | 3.739309 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1917-01 Acquired: 5/5/2025 15:35:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7195035 | .5290031 | -.111101 |
| Stddev | .0095532 | .0013970 | .002086 |
| %RSD | 1.327745 | .2640892 | 1.877992 |
| | | | |
| #1 | .7273372 | .5292061 | -.113510 |
| #2 | .7088607 | .5302875 | -.109947 |
| #3 | .7223126 | .5275156 | -.109847 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3346.463 | 79632.57 | 23733.30 | 2191.378 | 4207.131 |
| Stddev | 4.120 | 191.52 | 91.10 | 3.445 | 4.613 |
| %RSD | .1231189 | .2405095 | .3838641 | .1571861 | .1096467 |
| | | | | | |
| #1 | 3351.035 | 79423.73 | 23833.97 | 2191.725 | 4212.441 |
| #2 | 3345.318 | 79800.00 | 23656.54 | 2187.773 | 4204.832 |
| #3 | 3343.037 | 79673.98 | 23709.38 | 2194.636 | 4204.118 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01 Acquired: 5/5/2025 15:39:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0602732 | .0081671 | .4329044 | -.035265 | -.006817 | 129.4764 |
| Stddev | .0025074 | .0020455 | .0046826 | .005293 | .005360 | .1773 |
| %RSD | 4.160121 | 25.04532 | 1.081672 | 15.00908 | 78.61846 | .1369195 |
| #1 | .0600565 | .0059961 | .4344012 | -.038657 | -.006243 | 129.5332 |
| #2 | .0628820 | .0084470 | .4366557 | -.029166 | -.012441 | 129.2777 |
| #3 | .0578811 | .0100582 | .4276565 | -.037973 | -.001768 | 129.6184 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6948268 | .0103068 | -.004838 | 44.55937 | .2263483 | .1151709 |
| Stddev | .0013104 | .0000583 | .000526 | .10516 | .0006970 | .0009864 |
| %RSD | .1885971 | .5658487 | 10.86960 | .2359912 | .3079428 | .8564281 |
| #1 | .6946123 | .0103143 | -.004404 | 44.67853 | .2262367 | .1152191 |
| #2 | .6936369 | .0103610 | -.004688 | 44.51997 | .2270944 | .1161323 |
| #3 | .6962313 | .0102451 | -.005423 | 44.47960 | .2257139 | .1141613 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2381921 | 240.5967 | 3.544138 | 40.24085 | .1950366 | .0045140 |
| Stddev | .0031807 | 1.2771 | .009908 | .14041 | .0017256 | .0002805 |
| %RSD | 1.335354 | .5308078 | .2795536 | .3489352 | .8847447 | 6.214814 |
| #1 | .2393014 | 239.2660 | 3.555205 | 40.36363 | .1961298 | .0043058 |
| #2 | .2406697 | 241.8125 | 3.536094 | 40.27115 | .1959328 | .0048330 |
| #3 | .2346053 | 240.7116 | 3.541114 | 40.08775 | .1930474 | .0044032 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.674766 | .3284281 | .6534014 | 14.83100 | .7912337 | .0030660 |
| Stddev | .040041 | .0008050 | .0043550 | .09476 | .0048302 | .0003394 |
| %RSD | .7056048 | .2451156 | .6665151 | .6389128 | .6104616 | 11.06865 |
| #1 | 5.628777 | .3275107 | .6483747 | 14.72163 | .7869458 | .0027607 |
| #2 | 5.693624 | .3287570 | .6557932 | 14.88834 | .7964665 | .0034314 |
| #3 | 5.701896 | .3290167 | .6560365 | 14.88303 | .7902889 | .0030059 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01 Acquired: 5/5/2025 15:39:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0113207 | 2.552631 | F 17.82467 | 4.174888 | 2.069874 | .2678883 |
| Stddev | .0020411 | .002544 | .14632 | .042309 | .027075 | .0006439 |
| %RSD | 18.03024 | .0996619 | .8208757 | 1.013411 | 1.308072 | .2403466 |
| | | | | | | |
| #1 | .0124122 | 2.554062 | 17.65929 | 4.197546 | 2.077243 | .2679160 |
| #2 | .0125840 | 2.554137 | 17.93728 | 4.201042 | 2.092502 | .2685179 |
| #3 | .0089659 | 2.549694 | 17.87745 | 4.126075 | 2.039877 | .2672311 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.019932 |
| Stddev | .001309 |
| %RSD | 6.568567 |
| | |
| #1 | -.018818 |
| #2 | -.021374 |
| #3 | -.019604 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3228.805 | 76326.93 | 22685.00 | 2105.186 | 4288.719 |
| Stddev | 27.426 | 226.08 | 124.62 | 6.852 | 40.697 |
| %RSD | .8494124 | .2962036 | .5493612 | .3254859 | .9489342 |
| | | | | | |
| #1 | 3207.042 | 76412.46 | 22541.37 | 2108.032 | 4265.741 |
| #2 | 3219.764 | 76070.56 | 22764.37 | 2097.370 | 4264.707 |
| #3 | 3259.610 | 76497.77 | 22749.27 | 2110.157 | 4335.708 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01DUP Acquired: 5/5/2025 15:43:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0624156 | .0023123 | .4503672 | -.034908 | -.004275 | 129.2258 | .6560853 |
| Stddev | .0047864 | .0034422 | .0028181 | .001686 | .002607 | .0496 | .0003119 |
| %RSD | 7.668631 | 148.8617 | .6257296 | 4.831113 | 60.98779 | .0383857 | .0475327 |
| #1 | .0648241 | .0012960 | .4510149 | -.033706 | -.002620 | 129.2278 | .6564058 |
| #2 | .0655195 | -.000507 | .4528050 | -.036836 | -.002924 | 129.1753 | .6560672 |
| #3 | .0569033 | .006148 | .4472817 | -.034183 | -.007280 | 129.2745 | .6557828 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0117810 | -.002118 | 34.91689 | .2277672 | .1117290 | .2415842 | 235.7438 |
| Stddev | .0000724 | .000185 | .01732 | .0008290 | .0003604 | .0009955 | .9653 |
| %RSD | .6146005 | 8.745090 | .0496081 | .3639500 | .3225237 | .4120626 | .4094522 |
| #1 | .0117425 | -.002320 | 34.92457 | .2286899 | .1113482 | .2404680 | 236.5635 |
| #2 | .0117360 | -.002078 | 34.92904 | .2275266 | .1117741 | .2419045 | 235.9880 |
| #3 | .0118645 | -.001956 | 34.89706 | .2270852 | .1120646 | .2423802 | 234.6799 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.230583 | 43.48759 | .2032314 | .0028191 | 5.275123 | .3402033 | .6078758 |
| Stddev | .002663 | .09939 | .0009109 | .0001784 | .024145 | .0014992 | .0016927 |
| %RSD | .0824363 | .2285594 | .4482004 | 6.329795 | .4577225 | .4406873 | .2784560 |
| #1 | 3.231059 | 43.37293 | .2042830 | .0028292 | 5.299490 | .3418455 | .6089809 |
| #2 | 3.232976 | 43.54049 | .2027197 | .0029923 | 5.274674 | .3398567 | .6059271 |
| #3 | 3.227714 | 43.54935 | .2026913 | .0026358 | 5.251206 | .3389078 | .6087195 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.52873 | .7577771 | .0032495 | .0052177 | 2.770858 | 5.620722 | 4.426004 |
| Stddev | .05813 | .0050898 | .0001239 | .0009824 | .006075 | .038673 | .014329 |
| %RSD | .3743260 | .6716743 | 3.812787 | 18.82928 | .2192571 | .6880386 | .3237390 |
| #1 | 15.58383 | .7610455 | .0032100 | .0042061 | 2.776075 | 5.665277 | 4.420261 |
| #2 | 15.53438 | .7603731 | .0033883 | .0052787 | 2.772312 | 5.601037 | 4.442314 |
| #3 | 15.46799 | .7519128 | .0031502 | .0061681 | 2.764188 | 5.595852 | 4.415438 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01DUP Acquired: 5/5/2025 15:43:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 1.737415 | .2721635 | -.023747 |
| Stddev | .010888 | .0001107 | .000525 |
| %RSD | .6266701 | .0406705 | 2.209043 |
| | | | |
| #1 | 1.734077 | .2722803 | -.024163 |
| #2 | 1.749582 | .2721503 | -.023921 |
| #3 | 1.728588 | .2720601 | -.023158 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3173.943 | 76991.41 | 21845.93 | 2119.004 | 4199.147 |
| Stddev | 7.219 | 210.77 | 7.39 | 10.795 | 6.642 |
| %RSD | .2274402 | .2737627 | .0338181 | .5094178 | .1581692 |
| | | | | | |
| #1 | 3167.497 | 76760.25 | 21843.20 | 2106.568 | 4193.565 |
| #2 | 3172.589 | 77041.05 | 21854.30 | 2124.487 | 4197.384 |
| #3 | 3181.743 | 77172.93 | 21840.31 | 2125.956 | 4206.493 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01LX5 Acquired: 5/5/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0119278 | .0010333 | .0865550 | -.008396 | -.003978 | 27.37311 | .1419838 |
| Stddev | .0003818 | .0026294 | .0015527 | .003848 | .001177 | .05191 | .0004160 |
| %RSD | 3.201294 | 254.4798 | 1.793906 | 45.83510 | 29.58771 | .1896530 | .2929958 |
| #1 | .0114872 | -.002003 | .0849305 | -.004403 | -.003205 | 27.40314 | .1424629 |
| #2 | .0121638 | .002508 | .0880242 | -.008703 | -.003397 | 27.40301 | .1417137 |
| #3 | .0121324 | .002595 | .0867104 | -.012081 | -.005333 | 27.31316 | .1417749 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0023663 | -.001956 | 9.739782 | .0482772 | .0222698 | .0552395 | 48.43281 |
| Stddev | .0000651 | .000184 | .019789 | .0001765 | .0002163 | .0003591 | .23391 |
| %RSD | 2.750622 | 9.412264 | .2031733 | .3655459 | .9711188 | .6500329 | .4829672 |
| #1 | .0023937 | -.002140 | 9.741737 | .0484581 | .0224884 | .0554242 | 48.33967 |
| #2 | .0022920 | -.001772 | 9.719088 | .0482681 | .0222651 | .0548257 | 48.25980 |
| #3 | .0024133 | -.001956 | 9.758520 | .0481055 | .0220559 | .0554687 | 48.69894 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7788359 | 8.605601 | .0382900 | .0000737 | 1.044741 | .0699599 | .1382991 |
| Stddev | .0026430 | .001737 | .0001271 | .0002229 | .003647 | .0010246 | .0004897 |
| %RSD | .3393501 | .0201789 | .3318471 | 302.5332 | .3490466 | 1.464603 | .3540995 |
| #1 | .7803380 | 8.607418 | .0382284 | -.000182 | 1.043859 | .0688742 | .1379668 |
| #2 | .7803855 | 8.603958 | .0384361 | .000174 | 1.041617 | .0709101 | .1388615 |
| #3 | .7757842 | 8.605427 | .0382054 | .000228 | 1.048748 | .0700953 | .1380691 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.737365 | .1539296 | .0003556 | .0016268 | .5153835 | 1.248742 | .8208593 |
| Stddev | .034296 | .0011770 | .0000816 | .0014557 | .0014063 | .003577 | .0016985 |
| %RSD | 1.252867 | .7646580 | 22.93357 | 89.48121 | .2728565 | .2864360 | .2069125 |
| #1 | 2.760251 | .1536644 | .0004008 | .0027702 | .5138740 | 1.245377 | .8208509 |
| #2 | 2.697934 | .1529079 | .0002615 | -.000012 | .5166565 | 1.252499 | .8191650 |
| #3 | 2.753911 | .1552167 | .0004046 | .002122 | .5156200 | 1.248349 | .8225619 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01LX5 Acquired: 5/5/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4077283 | .0537874 | -.001866 |
| Stddev | .0044353 | .0003654 | .000401 |
| %RSD | 1.087801 | .6793480 | 21.50310 |
| | | | |
| #1 | .4125797 | .0536591 | -.001836 |
| #2 | .4038815 | .0541996 | -.001480 |
| #3 | .4067236 | .0535033 | -.002281 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2976.759 | 73369.63 | 20106.17 | 2005.045 | 4507.978 |
| Stddev | 3.729 | 238.74 | 70.34 | 8.802 | 3.787 |
| %RSD | .1252694 | .3253908 | .3498403 | .4389731 | .0840096 |
| | | | | | |
| #1 | 2980.903 | 73285.99 | 20046.30 | 2007.321 | 4508.725 |
| #2 | 2973.674 | 73638.93 | 20088.57 | 2012.486 | 4503.873 |
| #3 | 2975.700 | 73183.97 | 20183.64 | 1995.330 | 4511.336 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01MS Acquired: 5/5/2025 15:51:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7481859 | 1.923367 | 1.479157 | 1.612322 | .2871578 | 148.0128 | .8904886 |
| Stddev | .0055252 | .010788 | .003996 | .010112 | .0032929 | .1365 | .0019798 |
| %RSD | .7384814 | .5608926 | .2701644 | .6271684 | 1.146739 | .0922441 | .2223284 |
| #1 | .7441810 | 1.932806 | 1.477698 | 1.623845 | .2909121 | 148.1476 | .8925312 |
| #2 | .7458875 | 1.911608 | 1.476095 | 1.608189 | .2858031 | 148.0162 | .8903563 |
| #3 | .7544894 | 1.925687 | 1.483677 | 1.604930 | .2847583 | 147.8746 | .8885782 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1735697 | .1938647 | 45.17343 | .5865259 | .3124275 | .5533124 | 272.9727 |
| Stddev | .0004288 | .0001808 | .03504 | .0007762 | .0007272 | .0004577 | 1.6440 |
| %RSD | .2470579 | .0932358 | .0775750 | .1323461 | .2327525 | .0827171 | .6022490 |
| #1 | .1731024 | .1938597 | 45.14354 | .5874203 | .3132616 | .5532549 | 274.8500 |
| #2 | .1739451 | .1936865 | 45.21199 | .5860276 | .3119264 | .5537962 | 271.7898 |
| #3 | .1736617 | .1940479 | 45.16475 | .5861299 | .3120947 | .5528863 | 272.2785 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.365829 | 45.59339 | .6997077 | .0728960 | 9.061489 | .5981785 | .8696765 |
| Stddev | .007134 | .04246 | .0010009 | .0002926 | .047219 | .0014873 | .0016924 |
| %RSD | .1634127 | .0931349 | .1430502 | .4013426 | .5210906 | .2486466 | .1945950 |
| #1 | 4.370129 | 45.55835 | .7005502 | .0732281 | 9.103919 | .5994634 | .8715586 |
| #2 | 4.369764 | 45.58119 | .6986012 | .0727838 | 9.069928 | .5985229 | .8691906 |
| #3 | 4.357594 | 45.64061 | .6999717 | .0726761 | 9.010620 | .5965491 | .8682802 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.92842 | 1.086661 | .3504238 | .6849967 | 2.363705 | 8.230378 | 11.07009 |
| Stddev | .14883 | .006797 | .0005889 | .0021240 | .003645 | .036792 | .01238 |
| %RSD | .6786876 | .6254622 | .1680563 | .3100787 | .1542143 | .4470320 | .1118086 |
| #1 | 22.08231 | 1.093395 | .3500410 | .6861422 | 2.366124 | 8.267452 | 11.06301 |
| #2 | 21.91771 | 1.079804 | .3501285 | .6825458 | 2.359512 | 8.229810 | 11.06287 |
| #3 | 21.78524 | 1.086785 | .3511019 | .6863021 | 2.365478 | 8.193873 | 11.08438 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01MS Acquired: 5/5/2025 15:51:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.109797 | .4775651 | .1363516 |
| Stddev | .010726 | .0013170 | .0011625 |
| %RSD | .5083967 | .2757756 | .8525749 |
| | | | |
| #1 | 2.118689 | .4782843 | .1355656 |
| #2 | 2.112819 | .4783659 | .1376870 |
| #3 | 2.097884 | .4760451 | .1358023 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3237.639 | 75986.21 | 23500.10 | 2090.332 | 4237.820 |
| Stddev | 3.055 | 269.23 | 32.99 | 2.940 | 5.748 |
| %RSD | .0943495 | .3543168 | .1403755 | .1406449 | .1356306 |
| | | | | | |
| #1 | 3238.265 | 75677.78 | 23535.03 | 2087.126 | 4235.773 |
| #2 | 3240.333 | 76106.67 | 23469.48 | 2090.965 | 4244.311 |
| #3 | 3234.320 | 76174.17 | 23495.80 | 2092.903 | 4233.377 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01MSD Acquired: 5/5/2025 15:55:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7460952 | 1.912244 | 1.393654 | 1.595566 | .2986035 | 141.0207 | .8557578 |
| Stddev | .0081027 | .011146 | .005852 | .011543 | .0018110 | .2028 | .0013592 |
| %RSD | 1.086019 | .5828909 | .4198740 | .7234238 | .6064834 | .1438027 | .1588320 |
| #1 | .7367715 | 1.907526 | 1.391185 | 1.600312 | .2980295 | 141.1492 | .8568311 |
| #2 | .7500819 | 1.924973 | 1.400335 | 1.603979 | .2971491 | 141.1259 | .8562128 |
| #3 | .7514322 | 1.904232 | 1.389441 | 1.582407 | .3006320 | 140.7869 | .8542294 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1755237 | .1916869 | 43.81603 | .5741719 | .3081601 | .5015422 | 253.0010 |
| Stddev | .0006831 | .0011851 | .11730 | .0002799 | .0016652 | .0023554 | .3534 |
| %RSD | .3891668 | .6182503 | .2677215 | .0487553 | .5403598 | .4696422 | .1396937 |
| #1 | .1754738 | .1921980 | 43.83134 | .5741384 | .3083901 | .5009672 | 253.3132 |
| #2 | .1762304 | .1925307 | 43.92492 | .5739103 | .3096984 | .5041318 | 252.6173 |
| #3 | .1748670 | .1903320 | 43.69182 | .5744672 | .3063919 | .4995274 | 253.0725 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.805253 | 43.78539 | .6813884 | .0693591 | 8.142812 | .5780867 | .8318625 |
| Stddev | .012791 | .13663 | .0034065 | .0002668 | .022569 | .0017688 | .0067871 |
| %RSD | .3361329 | .3120362 | .4999293 | .3846240 | .2771589 | .3059766 | .8158910 |
| #1 | 3.809147 | 43.73735 | .6823716 | .0696293 | 8.157884 | .5800486 | .8240625 |
| #2 | 3.815645 | 43.93955 | .6841951 | .0693521 | 8.116865 | .5766140 | .8351038 |
| #3 | 3.790968 | 43.67928 | .6775984 | .0690959 | 8.153686 | .5775975 | .8364213 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 20.89066 | 1.002831 | .3494329 | .6767772 | 2.187343 | 6.799969 | 10.79303 |
| Stddev | .07314 | .002784 | .0022781 | .0034280 | .005638 | .005061 | .05759 |
| %RSD | .3501030 | .2776337 | .6519268 | .5065163 | .2577385 | .0744271 | .5336173 |
| #1 | 20.97400 | 1.005833 | .3508171 | .6770759 | 2.188856 | 6.795768 | 10.79651 |
| #2 | 20.83714 | 1.000334 | .3506779 | .6800461 | 2.192070 | 6.798550 | 10.84880 |
| #3 | 20.86085 | 1.002326 | .3468036 | .6732097 | 2.181103 | 6.805588 | 10.73377 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01MSD Acquired: 5/5/2025 15:55:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 3.548425 | .4600052 | .1802590 |
| Stddev | .020663 | .0006847 | .0008514 |
| %RSD | .5823122 | .1488497 | .4723181 |
| | | | |
| #1 | 3.553587 | .4596443 | .1800390 |
| #2 | 3.566018 | .4607948 | .1811987 |
| #3 | 3.525671 | .4595763 | .1795391 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3227.785 | 77858.15 | 22834.53 | 2121.548 | 4266.720 |
| Stddev | 14.041 | 221.93 | 146.58 | 9.291 | 21.055 |
| %RSD | .4350066 | .2850473 | .6419309 | .4379391 | .4934791 |
| | | | | | |
| #1 | 3218.447 | 78100.93 | 22917.75 | 2132.148 | 4251.463 |
| #2 | 3220.975 | 77665.71 | 22665.27 | 2114.814 | 4257.954 |
| #3 | 3243.932 | 77807.82 | 22920.55 | 2117.683 | 4290.742 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01A Acquired: 5/5/2025 15:59:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7246263 | 1.798027 | 1.327354 | 1.578585 | .6680750 | 128.4399 |
| Stddev | .0027520 | .009597 | .003619 | .006205 | .0021246 | .6687 |
| %RSD | .3797861 | .5337352 | .2726851 | .3930804 | .3180216 | .5206194 |
| #1 | .7228790 | 1.790120 | 1.327877 | 1.575148 | .6663573 | 128.9866 |
| #2 | .7277986 | 1.795258 | 1.330684 | 1.585748 | .6674169 | 127.6944 |
| #3 | .7232013 | 1.808704 | 1.323502 | 1.574859 | .6704508 | 128.6388 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8500075 | .1645147 | .1799053 | 44.34253 | .5495454 | .2962168 |
| Stddev | .0049651 | .0020755 | .0007193 | .37387 | .0019528 | .0003507 |
| %RSD | .5841203 | 1.261573 | .3998238 | .8431357 | .3553446 | .1183830 |
| #1 | .8499530 | .1665538 | .1805921 | 44.55971 | .5500549 | .2966186 |
| #2 | .8450699 | .1624047 | .1799665 | 43.91083 | .5473883 | .2959721 |
| #3 | .8549996 | .1645855 | .1791573 | 44.55705 | .5511929 | .2960598 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4721386 | 242.6161 | 3.621074 | 40.73439 | .6448708 | .0680622 |
| Stddev | .0012496 | 1.0699 | .029366 | .38953 | .0026185 | .0004693 |
| %RSD | .2646579 | .4409738 | .8109675 | .9562599 | .4060451 | .6894581 |
| #1 | .4724562 | 241.5507 | 3.634454 | 40.95703 | .6460745 | .0682260 |
| #2 | .4731986 | 242.6071 | 3.587401 | 40.28461 | .6466710 | .0675330 |
| #3 | .4707609 | 243.6904 | 3.641366 | 40.96152 | .6418669 | .0684277 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 8.280434 | .5588833 | .8035952 | 23.50415 | 1.024839 | .3471358 |
| Stddev | .065953 | .0056003 | .0012553 | .11057 | .004831 | .0004723 |
| %RSD | .7964900 | 1.002056 | .1562146 | .4704199 | .4713624 | .1360584 |
| #1 | 8.210106 | .5636249 | .8027931 | 23.37656 | 1.021177 | .3471731 |
| #2 | 8.340901 | .5527044 | .8029508 | 23.57179 | 1.023027 | .3475883 |
| #3 | 8.290294 | .5603207 | .8050419 | 23.56411 | 1.030314 | .3466459 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1923-01A Acquired: 5/5/2025 15:59:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6768049 | 2.673669 | F 18.80440 | 9.800852 | 2.010888 | .4338718 |
| Stddev | .0015809 | .015254 | .07498 | .014270 | .000323 | .0008424 |
| %RSD | .2335860 | .5705217 | .3987596 | .1455988 | .0160579 | .1941623 |
| #1 | .6762141 | 2.678246 | 18.73438 | 9.813362 | 2.011243 | .4331501 |
| #2 | .6785961 | 2.656650 | 18.88352 | 9.785310 | 2.010613 | .4336677 |
| #3 | .6756045 | 2.686110 | 18.79529 | 9.803884 | 2.010808 | .4347975 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1418112 |
| Stddev | .0017994 |
| %RSD | 1.268843 |
| #1 | .1431453 |
| #2 | .1397647 |
| #3 | .1425236 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3203.702 | 76209.32 | 23172.97 | 2084.958 | 4269.453 |
| Stddev | 4.058 | 68.12 | 244.60 | 3.509 | 5.168 |
| %RSD | .1266590 | .0893874 | 1.055553 | .1683155 | .1210470 |
| #1 | 3208.347 | 76147.42 | 22949.38 | 2086.734 | 4273.075 |
| #2 | 3200.849 | 76282.31 | 23434.21 | 2080.916 | 4263.534 |
| #3 | 3201.910 | 76198.23 | 23135.31 | 2087.225 | 4271.748 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-01 Acquired: 5/5/2025 16:03:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000507 | -.001523 | -.002561 | .0173864 | .0028021 | .0213292 | .0051885 |
| Stddev | .001459 | .001191 | .001109 | .0022742 | .0002374 | .0069038 | .0002738 |
| %RSD | 287.7826 | 78.21593 | 43.30927 | 13.08027 | 8.471863 | 32.36791 | 5.277335 |
| #1 | -.001533 | -.001085 | -.002669 | .0167445 | .0027204 | .0185735 | .0055020 |
| #2 | .001163 | -.000612 | -.003612 | .0199126 | .0026163 | .0162289 | .0049965 |
| #3 | -.001152 | -.002871 | -.001402 | .0155022 | .0030695 | .0291853 | .0050669 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000088 | -.000766 | .1975654 | .0717790 | .0593918 | .0226714 | .2108373 |
| Stddev | .000043 | .000104 | .0037201 | .0004122 | .0006530 | .0002167 | .0051103 |
| %RSD | 49.07535 | 13.63203 | 1.882977 | .5742118 | 1.099398 | .9558644 | 2.423797 |
| #1 | -.000042 | -.000766 | .2013722 | .0720473 | .0601135 | .0227048 | .2062684 |
| #2 | -.000095 | -.000662 | .1939386 | .0713045 | .0592201 | .0228695 | .2163558 |
| #3 | -.000127 | -.000871 | .1973853 | .0719853 | .0588419 | .0224400 | .2098878 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0026895 | .0351989 | .2999807 | .0001752 | -.028679 | .0001610 | .0483592 |
| Stddev | .0003327 | .0180505 | .0015926 | .0001747 | .005332 | .0007731 | .0005966 |
| %RSD | 12.37070 | 51.28136 | .5309050 | 99.72693 | 18.59255 | 480.0810 | 1.233595 |
| #1 | .0025496 | .0363314 | .3010950 | .0000507 | -.027835 | -.000370 | .0485058 |
| #2 | .0024496 | .0166088 | .3006905 | .0003750 | -.023819 | -.000195 | .0488689 |
| #3 | .0030693 | .0526564 | .2981566 | .0000999 | -.034383 | .001048 | .0477031 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.034794 | -.004555 | .0240289 | .0223749 | .0134059 | .0419066 | .0210055 |
| Stddev | .016159 | .000261 | .0001382 | .0013832 | .0013836 | .0126871 | .0009485 |
| %RSD | 46.44103 | 5.731332 | .5751017 | 6.181834 | 10.32069 | 30.27461 | 4.515437 |
| #1 | -.053450 | -.004297 | .0241331 | .0239684 | .0149364 | .0295030 | .0200214 |
| #2 | -.025756 | -.004819 | .0238721 | .0214853 | .0122437 | .0548593 | .0210813 |
| #3 | -.025176 | -.004549 | .0240815 | .0216709 | .0130378 | .0413573 | .0219138 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-01 Acquired: 5/5/2025 16:03:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .1134272 | -.001830 | -.000320 |
| Stddev | .0024132 | .000260 | .000081 |
| %RSD | 2.127508 | 14.21409 | 25.28959 |
| | | | |
| #1 | .1115638 | -.001927 | -.000272 |
| #2 | .1161531 | -.002027 | -.000274 |
| #3 | .1125648 | -.001535 | -.000414 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2907.861 | 75976.97 | 19890.72 | 1979.005 | 4796.892 |
| Stddev | 20.927 | 266.59 | 88.90 | 15.545 | 34.478 |
| %RSD | .7196820 | .3508843 | .4469346 | .7855203 | .7187671 |
| | | | | | |
| #1 | 2893.889 | 75857.83 | 19788.86 | 1971.921 | 4780.849 |
| #2 | 2897.772 | 75790.72 | 19952.72 | 1968.263 | 4773.359 |
| #3 | 2931.921 | 76282.35 | 19930.56 | 1996.831 | 4836.469 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV02 Acquired: 5/5/2025 16:07:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 4.884650 | 4.885557 | 4.871057 | 4.921786 | 4.913279 | 9.706831 | 9.884200 |
| Stddev | .011566 | .022890 | .004845 | .010678 | .007613 | .133090 | .060280 |
| %RSD | .2367914 | .4685314 | .0994608 | .2169554 | .1549422 | 1.371095 | .6098653 |
| #1 | 4.873080 | 4.859446 | 4.866690 | 4.930301 | 4.906010 | 9.860277 | 9.905301 |
| #2 | 4.896212 | 4.902167 | 4.870212 | 4.925251 | 4.921195 | 9.637435 | 9.816205 |
| #3 | 4.884657 | 4.895059 | 4.876269 | 4.909806 | 4.912633 | 9.622782 | 9.931092 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2396360 | 2.411948 | 24.23578 | .9740619 | 2.425203 | 1.229559 | 4.990312 |
| Stddev | .0024074 | .003670 | .39195 | .0007053 | .003060 | .000863 | .044067 |
| %RSD | 1.004610 | .1521417 | 1.617247 | .0724079 | .1261894 | .0702029 | .8830431 |
| #1 | .2415645 | 2.409946 | 24.68413 | .9744534 | 2.424116 | 1.229893 | 5.038526 |
| #2 | .2404056 | 2.409715 | 24.06507 | .9732477 | 2.422834 | 1.228578 | 4.952119 |
| #3 | .2369379 | 2.416183 | 23.95813 | .9744847 | 2.428658 | 1.230204 | 4.980291 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.427279 | 24.00263 | 2.415445 | 1.213134 | 24.39963 | 2.432876 | 2.431397 |
| Stddev | .040608 | .35246 | .004853 | .002665 | .20022 | .037560 | .009275 |
| %RSD | 1.672974 | 1.468402 | .2009085 | .2197153 | .8205876 | 1.543866 | .3814701 |
| #1 | 2.473690 | 24.39527 | 2.417026 | 1.214513 | 24.59669 | 2.474512 | 2.430733 |
| #2 | 2.409861 | 23.89904 | 2.409998 | 1.214828 | 24.19640 | 2.422579 | 2.440987 |
| #3 | 2.398285 | 23.71358 | 2.419310 | 1.210062 | 24.40581 | 2.401539 | 2.422472 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.28029 | 4.796323 | 4.933865 | 4.844644 | 4.863941 | 4.849514 | 4.937343 |
| Stddev | .18370 | .056259 | .007167 | .004197 | .076481 | .053704 | .023597 |
| %RSD | .7565650 | 1.172959 | .1452582 | .0866376 | 1.572407 | 1.107414 | .4779346 |
| #1 | 24.48127 | 4.841644 | 4.925968 | 4.847448 | 4.951000 | 4.903779 | 4.912533 |
| #2 | 24.12107 | 4.813970 | 4.939956 | 4.846666 | 4.833256 | 4.796389 | 4.939991 |
| #3 | 24.23853 | 4.733357 | 4.935673 | 4.839818 | 4.807568 | 4.848375 | 4.959504 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV02 Acquired: 5/5/2025 16:07:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 4.789148 | 4.811980 | 4.891141 |
| Stddev | .006080 | .071817 | .049817 |
| %RSD | .1269569 | 1.492459 | 1.018513 |
| | | | |
| #1 | 4.782323 | 4.894640 | 4.893009 |
| #2 | 4.791139 | 4.776400 | 4.939998 |
| #3 | 4.793984 | 4.764899 | 4.840417 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2922.322 | 70947.88 | 20129.93 | 1914.175 | 4475.819 |
| Stddev | 6.979 | 229.74 | 224.03 | 3.476 | 13.671 |
| %RSD | .2388201 | .3238219 | 1.112908 | .1816071 | .3054379 |
| | | | | | |
| #1 | 2929.247 | 70692.25 | 19897.64 | 1910.283 | 4483.833 |
| #2 | 2922.429 | 71137.12 | 20147.48 | 1915.270 | 4483.590 |
| #3 | 2915.290 | 71014.27 | 20344.67 | 1916.972 | 4460.034 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB02 Acquired: 5/5/2025 16:12:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0009794 | .0012841 | -.000560 | .0004428 | .0019299 | .0002610 | -.003080 |
| Stddev | .0019189 | .0007449 | .000565 | .0030000 | .0008788 | .0036541 | .000419 |
| %RSD | 195.9178 | 58.00773 | 100.9082 | 677.4749 | 45.53704 | 1399.846 | 13.60503 |
| #1 | -.000544 | .0014565 | -.001039 | -.001601 | .0029258 | -.003923 | -.003562 |
| #2 | .000348 | .0004681 | -.000704 | .003887 | .0012632 | .001882 | -.002807 |
| #3 | .003135 | .0019277 | .000063 | -.000957 | .0016007 | .002825 | -.002869 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000731 | .0003489 | .0172327 | -.000092 | .0005165 | .0002416 | -.000620 |
| Stddev | .0000648 | .0000447 | .0086745 | .000240 | .0001507 | .0007418 | .003868 |
| %RSD | 88.69466 | 12.81036 | 50.33768 | 260.1744 | 29.17335 | 307.0147 | 624.0141 |
| #1 | .0000886 | .0003434 | .0191893 | -.000357 | .0006905 | .0009249 | -.001839 |
| #2 | .0000019 | .0003961 | .0077470 | -.000034 | .0004263 | .0003472 | .003711 |
| #3 | .0001287 | .0003072 | .0247618 | .000113 | .0004328 | -.000547 | -.003732 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000122 | .0143229 | .0004859 | .0003219 | -.044822 | -.000571 | .0010973 |
| Stddev | .000288 | .0092444 | .0000831 | .0001603 | .000495 | .000037 | .0001650 |
| %RSD | 235.8323 | 64.54274 | 17.10286 | 49.80029 | 1.104589 | 6.545488 | 15.03768 |
| #1 | -.000209 | .0143577 | .0004934 | .0004474 | -.045257 | -.000551 | .0009216 |
| #2 | .000199 | .0235498 | .0005650 | .0003772 | -.044926 | -.000547 | .0012490 |
| #3 | -.000357 | .0050612 | .0003993 | .0001413 | -.044284 | -.000614 | .0011212 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003922 | .0066057 | .0017001 | .0081491 | .0020088 | .0053377 | -.000342 |
| Stddev | .020066 | .0006968 | .0003602 | .0004365 | .0006414 | .0106120 | .003954 |
| %RSD | 511.6101 | 10.54867 | 21.18577 | 5.356942 | 31.93059 | 198.8140 | 1157.714 |
| #1 | .004481 | .0067172 | .0015136 | .0086531 | .0022400 | -.006317 | -.004634 |
| #2 | .010576 | .0072401 | .0021152 | .0079057 | .0025027 | .007887 | .000458 |
| #3 | -.026824 | .0058599 | .0014714 | .0078885 | .0012839 | .014443 | .003152 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB02 Acquired: 5/5/2025 16:12:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0032983 | .0009147 | .0009550 |
| Stddev | .0026956 | .0004506 | .0000475 |
| %RSD | 81.72759 | 49.25909 | 4.972799 |
| | | | |
| #1 | .0064034 | .0013972 | .0009974 |
| #2 | .0015585 | .0008419 | .0009037 |
| #3 | .0019330 | .0005050 | .0009639 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3028.148 | 73582.60 | 19571.07 | 1978.259 | 4878.885 |
| Stddev | 1.580 | 369.62 | 23.88 | 8.785 | 4.304 |
| %RSD | .0521846 | .5023220 | .1219952 | .4440734 | .0882151 |
| | | | | | |
| #1 | 3027.436 | 73415.03 | 19573.41 | 1968.790 | 4877.239 |
| #2 | 3027.049 | 73326.44 | 19546.11 | 1979.842 | 4883.769 |
| #3 | 3029.959 | 74006.33 | 19593.69 | 1986.144 | 4875.647 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1865-08 Acquired: 5/5/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0076102 | -.006611 | .3093447 | .0018634 | .0124934 | -.046820 |
| Stddev | .0038937 | .001923 | .0029055 | .0025797 | .0017574 | .004084 |
| %RSD | 51.16449 | 29.08339 | .9392261 | 138.4415 | 14.06637 | 8.721905 |
| #1 | .0062164 | -.008173 | .3107715 | -.000784 | .0107822 | -.046722 |
| #2 | .0046052 | -.004463 | .3112608 | .002005 | .0124044 | -.042786 |
| #3 | .0120090 | -.007197 | .3060017 | .004370 | .0142935 | -.050952 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0331775 | -.000134 | .0268741 | 128.6961 | .0169785 | .2208022 |
| Stddev | .0003474 | .000052 | .0001367 | .3091 | .0004474 | .0006915 |
| %RSD | 1.047175 | 38.36015 | .5088266 | .2402009 | 2.635130 | .3131734 |
| #1 | .0327784 | -.000098 | .0267813 | 128.6945 | .0172478 | .2211162 |
| #2 | .0333423 | -.000111 | .0270311 | 129.0060 | .0172256 | .2212809 |
| #3 | .0334120 | -.000193 | .0268098 | 128.3878 | .0164620 | .2200094 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0073114 | .1903543 | .6984535 | 6.928972 | .0296747 | .0000734 |
| Stddev | .0007078 | .0058683 | .0020513 | .011618 | .0002008 | .0002025 |
| %RSD | 9.681019 | 3.082810 | .2936902 | .1676670 | .6765112 | 275.8637 |
| #1 | .0065089 | .1968184 | .6972548 | 6.917090 | .0298632 | .0002907 |
| #2 | .0078468 | .1853621 | .7008220 | 6.940306 | .0294636 | .0000398 |
| #3 | .0075784 | .1888824 | .6972835 | 6.929519 | .0296974 | -.000110 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 379.1995 | .0011609 | F 23.99685 | 126.5453 | .1427872 | -.003196 |
| Stddev | 4.1062 | .0018902 | .11611 | .8371 | .0007767 | .000356 |
| %RSD | 1.082850 | 162.8266 | .4838415 | .6615078 | .5439421 | 11.14157 |
| #1 | 375.1117 | .0033434 | 24.11648 | 127.3330 | .1427375 | -.003324 |
| #2 | 379.1632 | .0000523 | 23.98943 | 125.6663 | .1435876 | -.002793 |
| #3 | 383.3238 | .0000869 | 23.88463 | 126.6368 | .1420366 | -.003470 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1865-08 Acquired: 5/5/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.006124 | -.002633 | 4.023119 | .1384508 | F 123.5120 | .1497225 |
| Stddev | .001322 | .000078 | .021706 | .0032204 | .4467 | .0008112 |
| %RSD | 21.58838 | 2.958798 | .5395290 | 2.326015 | .3616382 | .5417986 |
| #1 | -.006054 | -.002710 | 4.047991 | .1372207 | 123.3903 | .1488076 |
| #2 | -.007479 | -.002554 | 4.013368 | .1360268 | 124.0069 | .1500060 |
| #3 | -.004838 | -.002635 | 4.008000 | .1421049 | 123.1387 | .1503538 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 1.081692 |
| Stddev | .000359 |
| %RSD | .0331591 |
| #1 | 1.082091 |
| #2 | 1.081395 |
| #3 | 1.081589 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2651.586 | 66222.30 | 20595.16 | 1774.561 | 3954.449 |
| Stddev | 13.780 | 136.04 | 122.84 | 7.546 | 21.615 |
| %RSD | .5196901 | .2054326 | .5964553 | .4252480 | .5465952 |
| #1 | 2647.352 | 66065.39 | 20663.39 | 1766.568 | 3950.795 |
| #2 | 2640.419 | 66294.19 | 20453.35 | 1775.555 | 3934.893 |
| #3 | 2666.986 | 66307.31 | 20668.74 | 1781.562 | 3977.657 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1916-04 Acquired: 5/5/2025 16:20:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003276 | -.000266 | .0035484 | .0001709 | .0733089 | .4435552 |
| Stddev | .001928 | .003687 | .000815 | .0060675 | .0012370 | .0023136 | .0026959 |
| %RSD | 423.9875 | 112.5619 | 306.0943 | 170.9945 | 723.9548 | 3.155888 | .6077999 |
| #1 | -.002653 | .000481 | -.000668 | .0042891 | -.001010 | .0710374 | .4421828 |
| #2 | .000337 | -.006889 | -.000803 | -.002856 | .001458 | .0732272 | .4418217 |
| #3 | .000952 | -.003418 | .000672 | .009212 | .000065 | .0756623 | .4466612 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0002197 | -.000536 | 9.748763 | .0015644 | .0037563 | .0150577 | 2.306398 |
| Stddev | .0000672 | .000028 | .053487 | .0004150 | .0001716 | .0005300 | .009300 |
| %RSD | 30.56893 | 5.194020 | .5486535 | 26.52794 | 4.568982 | 3.520039 | .4032444 |
| #1 | .0001809 | -.000563 | 9.693020 | .0010934 | .0035782 | .0151379 | 2.310282 |
| #2 | .0002972 | -.000539 | 9.753604 | .0017235 | .0037703 | .0155430 | 2.295785 |
| #3 | .0001809 | -.000507 | 9.799665 | .0018762 | .0039205 | .0144921 | 2.313127 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5928922 | 1.009550 | .0035818 | -.000148 | 362.3202 | .0000159 | .1130728 |
| Stddev | .0015949 | .015342 | .0002797 | .000402 | 2.0318 | .0002834 | .0007404 |
| %RSD | .2690005 | 1.519657 | 7.808933 | 271.3758 | .5607763 | 1783.118 | .6547736 |
| #1 | .5919334 | .991950 | .0039013 | .000249 | 364.4505 | -.000191 | .1138901 |
| #2 | .5920099 | 1.020096 | .0033809 | -.000555 | 362.1065 | -.000100 | .1128814 |
| #3 | .5947333 | 1.016604 | .0034633 | -.000139 | 360.4038 | .000339 | .1124469 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.960290 | .0546708 | -.000077 | -.003020 | .0000376 | .9182498 | .0106541 |
| Stddev | .029004 | .0005133 | .000310 | .000623 | .0003832 | .0085649 | .0034146 |
| %RSD | 1.479597 | .9389322 | 402.3281 | 20.61638 | 1020.099 | .9327402 | 32.04957 |
| #1 | 1.949397 | .0541379 | .000124 | -.002408 | -.000202 | .9087740 | .0144439 |
| #2 | 1.938308 | .0551620 | .000079 | -.003653 | .000480 | .9205353 | .0078172 |
| #3 | 1.993163 | .0547126 | -.000434 | -.003000 | -.000165 | .9254400 | .0097012 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1916-04 Acquired: 5/5/2025 16:20:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .9089075 | -.002553 | .0800529 |
| Stddev | .0062161 | .000758 | .0005638 |
| %RSD | .6839068 | 29.68139 | .7042203 |
| | | | |
| #1 | .9069137 | -.002494 | .0800685 |
| #2 | .9158759 | -.003339 | .0794814 |
| #3 | .9039329 | -.001827 | .0806086 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2819.907 | 69417.30 | 20711.89 | 1865.526 | 4274.709 |
| Stddev | 5.388 | 120.38 | 115.53 | 4.025 | 25.177 |
| %RSD | .1910541 | .1734132 | .5577801 | .2157726 | .5889758 |
| | | | | | |
| #1 | 2816.664 | 69279.16 | 20837.36 | 1864.303 | 4253.471 |
| #2 | 2816.932 | 69472.98 | 20688.40 | 1870.021 | 4268.136 |
| #3 | 2826.126 | 69499.76 | 20609.91 | 1862.254 | 4302.521 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1906-04 Acquired: 5/5/2025 16:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.005227 | -.004660 | .0136051 | .0025508 | .0000410 | .0346670 | .2473182 |
| Stddev | .003449 | .000948 | .0018757 | .0027016 | .0004856 | .0048240 | .0004740 |
| %RSD | 65.98417 | 20.35576 | 13.78705 | 105.9141 | 1185.542 | 13.91523 | .1916682 |
| #1 | -.009193 | -.003789 | .0150660 | .0030392 | .0004704 | .0313964 | .2469057 |
| #2 | -.002926 | -.005670 | .0142594 | -.000362 | -.000486 | .0402072 | .2478360 |
| #3 | -.003563 | -.004520 | .0114898 | .004975 | .000138 | .0323974 | .2472131 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001631 | .0007832 | 13.09751 | .0005665 | .0021260 | .0350027 | .0049821 |
| Stddev | .0000438 | .0000199 | .05759 | .0001878 | .0001422 | .0003221 | .0041295 |
| %RSD | 26.83371 | 2.535817 | .4397347 | 33.15498 | 6.687710 | .9203286 | 82.88718 |
| #1 | .0002091 | .0007913 | 13.06107 | .0007302 | .0021634 | .0350551 | .0096234 |
| #2 | .0001219 | .0007978 | 13.16391 | .0006078 | .0022458 | .0346576 | .0017144 |
| #3 | .0001584 | .0007606 | 13.06756 | .0003615 | .0019689 | .0352954 | .0036085 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5302178 | 1.299843 | .0058671 | -.000177 | 320.6496 | -.000356 | .1908399 |
| Stddev | .0006940 | .016764 | .0002328 | .000365 | 6.8268 | .000800 | .0008548 |
| %RSD | .1308980 | 1.289678 | 3.967222 | 206.5617 | 2.129067 | 224.7134 | .4479197 |
| #1 | .5300900 | 1.299058 | .0058407 | .000140 | 327.4612 | -.001149 | .1914558 |
| #2 | .5309668 | 1.316985 | .0061119 | -.000095 | 320.6799 | .000451 | .1912000 |
| #3 | .5295964 | 1.283485 | .0056486 | -.000576 | 313.8076 | -.000370 | .1898640 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.834595 | .0234649 | -.000252 | -.002649 | -.000284 | 1.025781 | .0116385 |
| Stddev | .068859 | .0006898 | .000076 | .000393 | .000131 | .013219 | .0025060 |
| %RSD | 1.795721 | 2.939748 | 30.09952 | 14.82400 | 45.99969 | 1.288693 | 21.53229 |
| #1 | 3.895913 | .0239853 | -.000264 | -.003004 | -.000150 | 1.029114 | .0145008 |
| #2 | 3.847771 | .0237269 | -.000321 | -.002227 | -.000411 | 1.037015 | .0098393 |
| #3 | 3.760100 | .0226824 | -.000171 | -.002715 | -.000290 | 1.011215 | .0105754 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1906-04 Acquired: 5/5/2025 16:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .2893517 | -.001517 | .0891032 |
| Stddev | .0025169 | .000239 | .0001214 |
| %RSD | .8698384 | 15.76036 | .1361910 |
| | | | |
| #1 | .2920181 | -.001374 | .0891965 |
| #2 | .2890196 | -.001793 | .0891472 |
| #3 | .2870173 | -.001383 | .0889661 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2839.509 | 69818.05 | 21665.80 | 1868.079 | 4347.412 |
| Stddev | 15.285 | 469.08 | 208.60 | 10.686 | 24.255 |
| %RSD | .5383126 | .6718674 | .9628285 | .5720254 | .5579139 |
| | | | | | |
| #1 | 2852.657 | 69742.40 | 21906.26 | 1866.704 | 4369.401 |
| #2 | 2843.131 | 69391.39 | 21557.72 | 1858.147 | 4351.440 |
| #3 | 2822.737 | 70320.36 | 21533.41 | 1879.386 | 4321.395 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-02 Acquired: 5/5/2025 16:29:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001144 | -.003581 | -.000842 | -.001152 | .0010992 | -.085221 |
| Stddev | .002325 | .002152 | .001403 | .001242 | .0022336 | .024131 |
| %RSD | 203.2498 | 60.10703 | 166.4837 | 107.8623 | 203.2106 | 28.31613 |
| #1 | .000398 | -.001111 | -.000279 | -.002438 | -.001331 | -.104187 |
| #2 | -.003818 | -.004577 | .000191 | -.001058 | .001567 | -.058059 |
| #3 | -.000012 | -.005054 | -.002439 | .000041 | .003062 | -.093418 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0491469 | -.000206 | -.000275 | 193.1854 | .0002916 | -.000404 |
| Stddev | .0020558 | .000035 | .000079 | 2.7660 | .0001929 | .000230 |
| %RSD | 4.182951 | 17.10992 | 28.56009 | 1.431802 | 66.14941 | 57.05131 |
| #1 | .0507176 | -.000202 | -.000235 | 194.7755 | .0002991 | -.000195 |
| #2 | .0468201 | -.000173 | -.000366 | 189.9915 | .0000951 | -.000366 |
| #3 | .0499030 | -.000243 | -.000225 | 194.7893 | .0004807 | -.000651 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.071856 | .0179366 | .0018937 | 66.77634 | .0039685 | -.000487 |
| Stddev | .002246 | .0024266 | .0005057 | .97890 | .0001398 | .000195 |
| %RSD | .2095787 | 13.52896 | 26.70417 | 1.465942 | 3.522828 | 39.97926 |
| #1 | 1.071158 | .0153511 | .0024683 | 67.31077 | .0038128 | -.000440 |
| #2 | 1.070042 | .0201647 | .0016968 | 65.64655 | .0040834 | -.000701 |
| #3 | 1.074369 | .0182942 | .0015161 | 67.37170 | .0040093 | -.000320 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 63.85803 | .0040018 | .1657330 | 3.707175 | .1032359 | .0021190 |
| Stddev | .19755 | .0017079 | .0010563 | .041215 | .0008744 | .0005347 |
| %RSD | .3093520 | 42.67805 | .6373345 | 1.111764 | .8469951 | 25.23456 |
| #1 | 63.63476 | .0054775 | .1645305 | 3.680058 | .1035034 | .0021717 |
| #2 | 63.92918 | .0021310 | .1661575 | 3.686864 | .1022589 | .0015598 |
| #3 | 64.01014 | .0043971 | .1665110 | 3.754603 | .1039452 | .0026253 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-02 Acquired: 5/5/2025 16:29:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.005081 | -.005495 | F 19.14926 | .1836085 | 19.26373 | -.030104 |
| Stddev | .001198 | .000343 | .10142 | .0062012 | .07120 | .000266 |
| %RSD | 23.57203 | 6.243808 | .5296256 | 3.377407 | .3696234 | .8847090 |
| #1 | -.006209 | -.005887 | 19.05535 | .1870731 | 19.22255 | -.029827 |
| #2 | -.003824 | -.005250 | 19.13563 | .1764492 | 19.22270 | -.030126 |
| #3 | -.005209 | -.005348 | 19.25681 | .1873032 | 19.34595 | -.030359 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .5717068 |
| Stddev | .0070292 |
| %RSD | 1.229519 |
| #1 | .5757771 |
| #2 | .5635901 |
| #3 | .5757532 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2764.507 | 67403.43 | 19096.61 | 1802.484 | 4260.534 |
| Stddev | 2.226 | 199.33 | 288.32 | 2.642 | 2.273 |
| %RSD | .0805290 | .2957205 | 1.509796 | .1465605 | .0533600 |
| #1 | 2767.030 | 67504.97 | 18919.35 | 1801.980 | 4262.893 |
| #2 | 2763.674 | 67531.54 | 19429.29 | 1805.342 | 4258.358 |
| #3 | 2762.818 | 67173.78 | 18941.18 | 1800.131 | 4260.350 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-03DLX5 Acquired: 5/5/2025 16:33:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0228378 | .2888894 | .0171236 | .4999377 | .0953714 | -.076120 |
| Stddev | .0034632 | .0023884 | .0023375 | .0019300 | .0022484 | .004167 |
| %RSD | 15.16447 | .8267359 | 13.65046 | .3860431 | 2.357488 | 5.474115 |
| #1 | .0264111 | .2909124 | .0144677 | .4977521 | .0942703 | -.078428 |
| #2 | .0194962 | .2895010 | .0188678 | .5014076 | .0979581 | -.078622 |
| #3 | .0226063 | .2862547 | .0180354 | .5006535 | .0938858 | -.071310 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.028732 | -.002751 | -.002368 | 1.080507 | .0419264 | -.010134 |
| Stddev | .000222 | .000025 | .000053 | .005171 | .0002365 | .000115 |
| %RSD | .7714934 | .9167579 | 2.245968 | .4785980 | .5640605 | 1.139390 |
| #1 | -.028519 | -.002780 | -.002394 | 1.084132 | .0418701 | -.010039 |
| #2 | -.028962 | -.002742 | -.002404 | 1.082804 | .0421860 | -.010100 |
| #3 | -.028715 | -.002732 | -.002307 | 1.074585 | .0417231 | -.010262 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8769889 | .2167784 | .0001869 | -.155780 | -.005296 | -.001251 |
| Stddev | .0018817 | .0065724 | .0001530 | .007767 | .000205 | .000616 |
| %RSD | .2145653 | 3.031876 | 81.86260 | 4.985976 | 3.861209 | 49.23308 |
| #1 | .8774608 | .2099588 | .0003026 | -.151658 | -.005061 | -.001254 |
| #2 | .8785898 | .2230721 | .0002448 | -.150943 | -.005398 | -.000633 |
| #3 | .8749162 | .2173043 | .0000134 | -.164739 | -.005430 | -.001865 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 310.6576 | -.052022 | .0205066 | 1670.293 | .0093337 | F 38.57646 |
| Stddev | 2.6083 | .001481 | .0003424 | 1.547 | .0009895 | .10150 |
| %RSD | .8396065 | 2.846554 | 1.669539 | .0926096 | 10.60140 | .2631090 |
| #1 | 312.3440 | -.050692 | .0201174 | 1672.014 | .0096555 | 38.57521 |
| #2 | 311.9756 | -.051757 | .0206412 | 1669.847 | .0101224 | 38.67858 |
| #3 | 307.6534 | -.053618 | .0207613 | 1669.018 | .0082234 | 38.47559 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1944-03DLX5 Acquired: 5/5/2025 16:33:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .1574065 | .0056759 | .6402899 | F 418.3865 | 3.274931 | .0124342 |
| Stddev | .0010022 | .0004613 | .0061829 | 1.6149 | .010960 | .0010155 |
| %RSD | .6366749 | 8.127859 | .9656412 | .3859848 | .3346784 | 8.167074 |
| #1 | .1568650 | .0053703 | .6423796 | 418.2815 | 3.284060 | .0113017 |
| #2 | .1567915 | .0062066 | .6451571 | 420.0514 | 3.277957 | .0127374 |
| #3 | .1585629 | .0054509 | .6333329 | 416.8267 | 3.262775 | .0132636 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0026276 |
| Stddev | .0000145 |
| %RSD | .5521529 |
| #1 | .0026398 |
| #2 | .0026315 |
| #3 | .0026116 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2221.388 | 58886.08 | 22081.21 | 1430.926 | 3807.538 |
| Stddev | 9.408 | 158.55 | 14.13 | 8.589 | 15.206 |
| %RSD | .4235309 | .2692437 | .0639911 | .6002156 | .3993686 |
| #1 | 2228.037 | 58828.50 | 22089.32 | 1430.820 | 3818.908 |
| #2 | 2210.623 | 58764.37 | 22089.41 | 1422.391 | 3790.266 |
| #3 | 2225.503 | 59065.37 | 22064.89 | 1439.567 | 3813.442 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-01 Acquired: 5/5/2025 16:38:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002258 | -.004234 | .0130069 | .0067401 | .0008693 | .0182984 | .2878315 |
| Stddev | .000478 | .000591 | .0009460 | .0071284 | .0029533 | .0082379 | .0007039 |
| %RSD | 21.17430 | 13.94778 | 7.273163 | 105.7618 | 339.7421 | 45.02000 | .2445394 |
| #1 | -.002149 | -.003555 | .0139544 | .0149291 | .0022416 | .0267538 | .2883634 |
| #2 | -.001844 | -.004624 | .0120624 | .0019247 | -.002520 | .0102967 | .2870333 |
| #3 | -.002782 | -.004523 | .0130038 | .0033664 | .002887 | .0178446 | .2880977 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000782 | -.000996 | 16.16425 | .0049597 | .0120814 | .0148419 | 10.64006 |
| Stddev | .0000550 | .000084 | .04770 | .0003135 | .0000600 | .0004442 | .03222 |
| %RSD | 70.32238 | 8.433779 | .2951225 | 6.321712 | .4962179 | 2.993166 | .3028012 |
| #1 | .0000617 | -.001014 | 16.18437 | .0051955 | .0120207 | .0148256 | 10.65366 |
| #2 | .0001397 | -.000905 | 16.10979 | .0050796 | .0121405 | .0152941 | 10.66324 |
| #3 | .0000334 | -.001070 | 16.19861 | .0046039 | .0120830 | .0144061 | 10.60327 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.415469 | 3.230481 | .0217178 | .0002611 | 380.2449 | .0001644 | .0711399 |
| Stddev | .001307 | .006357 | .0001902 | .0000421 | 2.9531 | .0013489 | .0004245 |
| %RSD | .0923145 | .1967873 | .8757347 | 16.13013 | .7766423 | 820.3934 | .5967024 |
| #1 | 1.416950 | 3.236411 | .0215048 | .0002304 | 381.3255 | .0003719 | .0716285 |
| #2 | 1.414980 | 3.231262 | .0217779 | .0003091 | 382.5055 | .0013976 | .0709288 |
| #3 | 1.414477 | 3.223769 | .0218706 | .0002437 | 376.9036 | -.001276 | .0708623 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.729718 | .0735516 | .0010461 | -.003169 | -.000961 | .9382027 | .0409653 |
| Stddev | .020604 | .0003693 | .0002140 | .001141 | .000476 | .0021393 | .0013355 |
| %RSD | 1.191203 | .5021157 | 20.46111 | 35.99273 | 49.52065 | .2280189 | 3.260167 |
| #1 | 1.752017 | .0736250 | .0012483 | -.004274 | -.000412 | .9406709 | .0423577 |
| #2 | 1.711385 | .0731512 | .0010681 | -.003237 | -.001229 | .9370542 | .0396950 |
| #3 | 1.725752 | .0738788 | .0008219 | -.001996 | -.001242 | .9368828 | .0408432 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-01 Acquired: 5/5/2025 16:38:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4819251 | .0012016 | .0801327 |
| Stddev | .0048594 | .0006923 | .0003593 |
| %RSD | 1.008324 | 57.61744 | .4484030 |
| | | | |
| #1 | .4844926 | .0015886 | .0804727 |
| #2 | .4849622 | .0016139 | .0801686 |
| #3 | .4763205 | .0004023 | .0797567 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2818.503 | 68646.40 | 20761.40 | 1849.716 | 4278.550 |
| Stddev | 1.750 | 179.43 | 64.79 | 7.365 | 6.057 |
| %RSD | .0621058 | .2613883 | .3120617 | .3981936 | .1415595 |
| | | | | | |
| #1 | 2816.685 | 68586.26 | 20747.70 | 1847.124 | 4284.848 |
| #2 | 2820.177 | 68504.75 | 20831.94 | 1858.027 | 4278.032 |
| #3 | 2818.648 | 68848.17 | 20704.55 | 1843.997 | 4272.768 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03 Acquired: 5/5/2025 16:42:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002009 | -.003419 | -.001452 | .0014560 | -.000174 | .0144441 | .3061460 |
| Stddev | .001058 | .002447 | .000363 | .0017807 | .003669 | .0071821 | .0007654 |
| %RSD | 52.69204 | 71.58546 | 25.03208 | 122.3011 | 2111.980 | 49.72320 | .2500230 |
| #1 | -.001980 | -.000693 | -.001755 | -.000569 | .003704 | .0089797 | .3053066 |
| #2 | -.000965 | -.004135 | -.001049 | .002777 | -.003592 | .0225789 | .3063263 |
| #3 | -.003081 | -.005429 | -.001552 | .002160 | -.000633 | .0117738 | .3068052 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000899 | -.001733 | 29.72938 | .0010731 | .0047883 | .0114368 | 21.29311 |
| Stddev | .0000414 | .000128 | .06744 | .0002021 | .0002307 | .0001244 | .09342 |
| %RSD | 46.00332 | 7.384857 | .2268308 | 18.83098 | 4.816813 | 1.087403 | .4387476 |
| #1 | .0000946 | -.001590 | 29.80557 | .0008638 | .0049045 | .0115173 | 21.21809 |
| #2 | .0000464 | -.001772 | 29.70523 | .0012670 | .0049378 | .0114997 | 21.39775 |
| #3 | .0001288 | -.001837 | 29.67735 | .0010884 | .0045227 | .0112936 | 21.26349 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7946204 | 3.174924 | .0059861 | .0005029 | 317.4061 | .0002501 | .0982717 |
| Stddev | .0016504 | .017364 | .0003052 | .0000566 | 1.6773 | .0011378 | .0006074 |
| %RSD | .2076981 | .5469206 | 5.098138 | 11.25582 | .5284395 | 454.9278 | .6180919 |
| #1 | .7952406 | 3.194968 | .0060372 | .0004397 | 316.7762 | -.000909 | .0977356 |
| #2 | .7927497 | 3.165335 | .0062626 | .0005489 | 319.3071 | .001366 | .0989314 |
| #3 | .7958709 | 3.164468 | .0056586 | .0005201 | 316.1348 | .000293 | .0981482 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.622539 | .1129478 | -.000127 | -.004275 | -.000689 | .4139237 | .0220494 |
| Stddev | .027850 | .0008356 | .000456 | .000973 | .000790 | .0137922 | .0014624 |
| %RSD | 1.716436 | .7397991 | 357.9846 | 22.75191 | 114.7019 | 3.332070 | 6.632596 |
| #1 | 1.606727 | .1119844 | .000145 | -.004538 | -.001155 | .4095581 | .0231030 |
| #2 | 1.654696 | .1133852 | .000127 | -.005090 | -.001135 | .4293705 | .0226656 |
| #3 | 1.606194 | .1134740 | -.000654 | -.003198 | .000223 | .4028426 | .0203797 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03 Acquired: 5/5/2025 16:42:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .8878238 | .0026193 | .0769198 |
| Stddev | .0046491 | .0000886 | .0001043 |
| %RSD | .5236529 | 3.381029 | .1355968 |
| | | | |
| #1 | .8925839 | .0025446 | .0768707 |
| #2 | .8832942 | .0025962 | .0770396 |
| #3 | .8875932 | .0027171 | .0768491 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2825.427 | 68600.12 | 21503.18 | 1846.962 | 4323.908 |
| Stddev | 11.189 | 317.24 | 128.29 | 8.595 | 15.699 |
| %RSD | .3960237 | .4624531 | .5965915 | .4653813 | .3630665 |
| | | | | | |
| #1 | 2815.283 | 68495.19 | 21355.85 | 1849.351 | 4306.871 |
| #2 | 2823.570 | 68348.64 | 21590.20 | 1837.424 | 4327.066 |
| #3 | 2837.429 | 68956.54 | 21563.49 | 1854.109 | 4337.788 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03DUP Acquired: 5/5/2025 16:47:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001459 | -.004452 | -.000971 | .0014883 | -.001546 | .0147274 | .1753695 |
| Stddev | .001337 | .002097 | .000223 | .0004973 | .001289 | .0075093 | .0007866 |
| %RSD | 91.58636 | 47.10848 | 22.96924 | 33.41752 | 83.38062 | 50.98894 | .4485654 |
| #1 | -.002599 | -.006511 | -.000722 | .0015795 | -.000062 | .0200222 | .1745510 |
| #2 | .000012 | -.004526 | -.001154 | .0019337 | -.002388 | .0180267 | .1761199 |
| #3 | -.001790 | -.002318 | -.001037 | .0009516 | -.002187 | .0061332 | .1754376 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000253 | -.001150 | 17.27921 | .0006936 | .0025253 | .0057207 | 12.18836 |
| Stddev | .0000333 | .000100 | .04669 | .0001455 | .0001658 | .0002846 | .00553 |
| %RSD | 131.7705 | 8.656489 | .2701867 | 20.97346 | 6.566485 | 4.975569 | .0453420 |
| #1 | .0000413 | -.001175 | 17.28293 | .0005256 | .0023823 | .0053933 | 12.19436 |
| #2 | .0000476 | -.001040 | 17.23077 | .0007786 | .0024865 | .0058596 | 12.18722 |
| #3 | -.000013 | -.001235 | 17.32392 | .0007767 | .0027071 | .0059093 | 12.18348 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4609540 | 1.830113 | .0037855 | .0001910 | 181.7402 | -.000414 | .0580033 |
| Stddev | .0013323 | .002947 | .0001578 | .0004185 | 1.4815 | .000502 | .0005726 |
| %RSD | .2890416 | .1610063 | 4.167223 | 219.1278 | .8151888 | 121.4061 | .9871634 |
| #1 | .4596341 | 1.833205 | .0037823 | .0000631 | 180.3159 | -.000571 | .0586626 |
| #2 | .4609293 | 1.827337 | .0039448 | .0006585 | 181.6317 | -.000818 | .0576310 |
| #3 | .4622985 | 1.829796 | .0036294 | -.000149 | 183.2730 | .000148 | .0577163 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8851729 | .0632921 | -.000073 | -.003206 | -.000629 | .2424304 | .0168276 |
| Stddev | .0492239 | .0003806 | .000805 | .001210 | .000648 | .0069188 | .0038456 |
| %RSD | 5.560932 | .6014017 | 1097.954 | 37.74210 | 103.0756 | 2.853920 | 22.85311 |
| #1 | .9074320 | .0628706 | .000851 | -.003546 | -.000180 | .2491345 | .0202252 |
| #2 | .8287511 | .0636107 | -.000621 | -.004209 | -.000335 | .2428415 | .0126527 |
| #3 | .9193356 | .0633950 | -.000450 | -.001862 | -.001372 | .2353153 | .0176049 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03DUP Acquired: 5/5/2025 16:47:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .5056721 | .0001069 | .0451931 |
| Stddev | .0048346 | .0009927 | .0001232 |
| %RSD | .9560647 | 928.6722 | .2725575 |
| | | | |
| #1 | .5086401 | .0010088 | .0450763 |
| #2 | .5000935 | -.000957 | .0451813 |
| #3 | .5082828 | .000269 | .0453218 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2871.222 | 71401.71 | 22057.13 | 1891.135 | 4464.676 |
| Stddev | 8.199 | 440.74 | 66.91 | 17.832 | 9.821 |
| %RSD | .2855435 | .6172704 | .3033527 | .9429494 | .2199713 |
| | | | | | |
| #1 | 2863.987 | 71069.07 | 22008.42 | 1871.519 | 4456.898 |
| #2 | 2869.552 | 71234.46 | 22029.55 | 1895.519 | 4461.418 |
| #3 | 2880.127 | 71901.60 | 22133.42 | 1906.366 | 4475.712 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03LX5 Acquired: 5/5/2025 16:51:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000634 | -.003416 | .0003118 | .0024435 | .0020763 | -.001266 | .0525480 |
| Stddev | .003177 | .002531 | .0008996 | .0022074 | .0015008 | .012514 | .0006023 |
| %RSD | 500.9433 | 74.08692 | 288.5576 | 90.33628 | 72.28221 | 988.3367 | 1.146265 |
| #1 | .000866 | -.000899 | -.000700 | .0021861 | .0035236 | .003789 | .0530603 |
| #2 | -.004284 | -.005960 | .000615 | .0047683 | .0005271 | .007930 | .0526993 |
| #3 | .001515 | -.003389 | .001021 | .0003761 | .0021784 | -.015517 | .0518844 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000029 | -.000661 | 5.866513 | .0001453 | .0007952 | .0023335 | 4.065456 |
| Stddev | .000030 | .000037 | .019279 | .0003945 | .0001457 | .0003676 | .026464 |
| %RSD | 104.2741 | 5.524710 | .3286351 | 271.4376 | 18.32453 | 15.75294 | .6509366 |
| #1 | -.000058 | -.000627 | 5.867164 | .0005711 | .0007696 | .0023178 | 4.087410 |
| #2 | .000002 | -.000658 | 5.885459 | .0000726 | .0009521 | .0027087 | 4.036072 |
| #3 | -.000030 | -.000699 | 5.846916 | -.000208 | .0006640 | .0019740 | 4.072885 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1546997 | .6355133 | .0010473 | .0003616 | 60.54218 | .0011996 | .0185531 |
| Stddev | .0012511 | .0138787 | .0003036 | .0000471 | .45184 | .0015616 | .0002565 |
| %RSD | .8086992 | 2.183860 | 28.98597 | 13.03495 | .7463174 | 130.1799 | 1.382594 |
| #1 | .1541496 | .6455360 | .0011790 | .0003137 | 60.92837 | .0017801 | .0184219 |
| #2 | .1561316 | .6413315 | .0012629 | .0004079 | 60.04528 | .0023879 | .0183887 |
| #3 | .1538180 | .6196725 | .0007001 | .0003632 | 60.65288 | -.000569 | .0188487 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4435311 | .0197685 | -.000230 | -.000255 | -.000345 | .0818308 | .0025450 |
| Stddev | .0135455 | .0008458 | .000258 | .000632 | .000646 | .0092986 | .0010851 |
| %RSD | 3.054013 | 4.278281 | 111.9417 | 247.2907 | 187.0730 | 11.36324 | 42.63843 |
| #1 | .4567089 | .0198619 | .000063 | .000302 | .000220 | .0831402 | .0037968 |
| #2 | .4442389 | .0188800 | -.000423 | -.000942 | -.001049 | .0719469 | .0018731 |
| #3 | .4296456 | .0205637 | -.000331 | -.000126 | -.000207 | .0904053 | .0019650 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03LX5 Acquired: 5/5/2025 16:51:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .1738771 | .0070109 | .0149028 |
| Stddev | .0013461 | .0012917 | .0000328 |
| %RSD | .7741524 | 18.42455 | .2198991 |
| | | | |
| #1 | .1750521 | .0068170 | .0148772 |
| #2 | .1741708 | .0083887 | .0149397 |
| #3 | .1724085 | .0058272 | .0148915 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2984.049 | 72313.42 | 22045.57 | 1936.691 | 4715.797 |
| Stddev | 6.941 | 265.62 | 213.84 | 16.375 | 8.122 |
| %RSD | .2326081 | .3673192 | .9699753 | .8454983 | .1722352 |
| | | | | | |
| #1 | 2982.453 | 72019.18 | 22109.48 | 1919.226 | 4710.036 |
| #2 | 2991.649 | 72385.56 | 21807.06 | 1939.149 | 4725.086 |
| #3 | 2978.044 | 72535.52 | 22220.16 | 1951.698 | 4712.267 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV03 Acquired: 5/5/2025 16:56:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 5.045052 | 4.969435 | 4.881831 | 5.158988 | 5.081599 | 9.672683 | 9.906207 |
| Stddev | .034238 | .019527 | .011476 | .065041 | .045953 | .023326 | .133255 |
| %RSD | .6786442 | .3929440 | .2350858 | 1.260729 | .9043062 | .2411483 | 1.345168 |
| #1 | 5.007457 | 4.958360 | 4.892688 | 5.093372 | 5.034194 | 9.654966 | 10.05103 |
| #2 | 5.053254 | 4.957963 | 4.869822 | 5.160153 | 5.084657 | 9.663974 | 9.78878 |
| #3 | 5.074443 | 4.991982 | 4.882984 | 5.223438 | 5.125947 | 9.699111 | 9.87881 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2402013 | 2.409799 | 24.06766 | .9753438 | 2.430538 | 1.255507 | 5.081362 |
| Stddev | .0009175 | .009478 | .01767 | .0040893 | .005252 | .006371 | .047785 |
| %RSD | .3819618 | .3933201 | .0734323 | .4192620 | .2160696 | .5074312 | .9403961 |
| #1 | .2405646 | 2.420041 | 24.05640 | .9715847 | 2.434190 | 1.249335 | 5.026827 |
| #2 | .2391578 | 2.401336 | 24.05854 | .9796980 | 2.424519 | 1.255127 | 5.115899 |
| #3 | .2408815 | 2.408021 | 24.08803 | .9747487 | 2.432904 | 1.262060 | 5.101360 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.420925 | 23.77671 | 2.420413 | 1.229855 | 24.81538 | 2.415043 | 2.463354 |
| Stddev | .005487 | .03581 | .006464 | .005809 | .18405 | .009425 | .009367 |
| %RSD | .2266439 | .1505974 | .2670807 | .4723026 | .7416768 | .3902572 | .3802568 |
| #1 | 2.415242 | 23.73978 | 2.425634 | 1.224254 | 24.61861 | 2.404394 | 2.454520 |
| #2 | 2.426192 | 23.77906 | 2.413183 | 1.235851 | 24.98330 | 2.418421 | 2.462365 |
| #3 | 2.421342 | 23.81128 | 2.422423 | 1.229460 | 24.84424 | 2.422313 | 2.473176 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.77338 | 4.817378 | 4.978940 | 4.855428 | 4.842583 | 4.886706 | 4.989810 |
| Stddev | .18331 | .016932 | .023950 | .016041 | .005756 | .039901 | .008041 |
| %RSD | .7399570 | .3514869 | .4810332 | .3303633 | .1188566 | .8165164 | .1611397 |
| #1 | 24.62567 | 4.834789 | 4.956644 | 4.873950 | 4.836006 | 4.840793 | 4.999093 |
| #2 | 24.97853 | 4.800968 | 4.975918 | 4.846184 | 4.845042 | 4.912993 | 4.985299 |
| #3 | 24.71592 | 4.816377 | 5.004258 | 4.846150 | 4.846701 | 4.906331 | 4.985037 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV03 Acquired: 5/5/2025 16:56:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.949784 | 4.821643 | 4.934453 |
| Stddev | .008091 | .008067 | .015236 |
| %RSD | .1634608 | .1673006 | .3087659 |
| | | | |
| #1 | 4.941626 | 4.812700 | 4.917956 |
| #2 | 4.949919 | 4.828370 | 4.947995 |
| #3 | 4.957806 | 4.823859 | 4.937407 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2918.387 | 70679.74 | 20409.32 | 1917.105 | 4499.230 |
| Stddev | 6.632 | 400.16 | 21.37 | 8.807 | 27.949 |
| %RSD | .2272471 | .5661645 | .1047194 | .4593815 | .6212037 |
| | | | | | |
| #1 | 2912.805 | 71098.74 | 20405.22 | 1926.401 | 4467.635 |
| #2 | 2925.719 | 70301.53 | 20432.45 | 1916.025 | 4520.728 |
| #3 | 2916.639 | 70638.96 | 20390.30 | 1908.887 | 4509.325 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB03 Acquired: 5/5/2025 17:00:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0031713 | .0008444 | .0004586 | .0060531 | .0020665 | .0010602 | -.008993 |
| Stddev | .0018456 | .0007412 | .0006900 | .0033209 | .0015018 | .0011754 | .000504 |
| %RSD | 58.19647 | 87.78186 | 150.4600 | 54.86325 | 72.67247 | 110.8650 | 5.604891 |
| #1 | .0014202 | .0014827 | .0008284 | .0098438 | .0007702 | .0017686 | -.008466 |
| #2 | .0029950 | .0010188 | .0008848 | .0036561 | .0017173 | -.000297 | -.009471 |
| #3 | .0050987 | .0000315 | -.000337 | .0046594 | .0037122 | .001709 | -.009042 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000010 | .0002715 | .0161274 | -.000063 | .0003753 | .0003527 | .0154629 |
| Stddev | .000064 | .0000439 | .0075778 | .000387 | .0001756 | .0002717 | .0034805 |
| %RSD | 641.3823 | 16.15642 | 46.98730 | 618.3642 | 46.77523 | 77.01555 | 22.50886 |
| #1 | .000040 | .0003222 | .0172051 | .000063 | .0001936 | .0004972 | .0114767 |
| #2 | -.000083 | .0002458 | .0080684 | .000246 | .0003885 | .0005217 | .0178998 |
| #3 | .000012 | .0002466 | .0231087 | -.000497 | .0005439 | .0000394 | .0170121 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000221 | .0129725 | .0007344 | .0006687 | .0427447 | .0003758 | .0007501 |
| Stddev | .000222 | .0079388 | .0001239 | .0002837 | .0093081 | .0009927 | .0000751 |
| %RSD | 100.5421 | 61.19730 | 16.86668 | 42.42891 | 21.77604 | 264.1420 | 10.01113 |
| #1 | -.000319 | .0046001 | .0006108 | .0005925 | .0330608 | -.000259 | .0007008 |
| #2 | .000033 | .0139257 | .0008586 | .0004308 | .0435484 | -.000134 | .0008365 |
| #3 | -.000376 | .0203917 | .0007338 | .0009827 | .0516249 | .001520 | .0007129 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0448944 | .0055786 | .0014622 | .0075342 | .0012584 | .0000518 | .0017541 |
| Stddev | .0089705 | .0005656 | .0001951 | .0010996 | .0009011 | .0085420 | .0031498 |
| %RSD | 19.98128 | 10.13809 | 13.34443 | 14.59512 | 71.60696 | 16482.40 | 179.5657 |
| #1 | .0358679 | .0060906 | .0014612 | .0073116 | .0006086 | .0097861 | -.000421 |
| #2 | .0450076 | .0049715 | .0012675 | .0087281 | .0008795 | -.006194 | .000317 |
| #3 | .0538078 | .0056737 | .0016577 | .0065629 | .0022871 | -.003437 | .005366 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB03 Acquired: 5/5/2025 17:00:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0006432 | .0034330 | .0008576 |
| Stddev | .0037369 | .0000545 | .0000960 |
| %RSD | 580.9676 | 1.588462 | 11.19747 |
| | | | |
| #1 | -.000218 | .0033822 | .0009569 |
| #2 | -.002588 | .0034262 | .0007652 |
| #3 | .004736 | .0034906 | .0008506 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2932.482 | 74709.11 | 22404.71 | 1982.793 | 4722.694 |
| Stddev | 42.219 | 211.05 | 118.88 | 8.096 | 72.604 |
| %RSD | 1.439718 | .2825014 | .5305853 | .4083163 | 1.537335 |
| | | | | | |
| #1 | 2953.252 | 74559.09 | 22491.34 | 1973.478 | 4769.886 |
| #2 | 2883.901 | 74617.79 | 22269.18 | 1988.141 | 4639.090 |
| #3 | 2960.293 | 74950.44 | 22453.59 | 1986.759 | 4759.106 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03MS Acquired: 5/5/2025 17:04:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002326 | -.001573 | -.001844 | .0014762 | -.002541 | .0029810 | .2123110 |
| Stddev | .003658 | .001482 | .001470 | .0029801 | .001180 | .0032116 | .0002104 |
| %RSD | 157.2782 | 94.22084 | 79.73611 | 201.8728 | 46.44001 | 107.7364 | .0990994 |
| #1 | -.000407 | .000075 | -.003026 | -.001929 | -.002608 | .0008005 | .2120681 |
| #2 | -.006544 | -.001997 | -.000198 | .002750 | -.003687 | .0066689 | .2124331 |
| #3 | -.000027 | -.002796 | -.002307 | .003608 | -.001329 | .0014734 | .2124319 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000071 | -.001267 | 20.63543 | .0025515 | .0032285 | .0070049 | 15.05919 |
| Stddev | .0000503 | .000088 | .01255 | .0001095 | .0000680 | .0000868 | .09133 |
| %RSD | 708.7160 | 6.985117 | .0607970 | 4.290095 | 2.106627 | 1.238517 | .6065063 |
| #1 | -.000051 | -.001356 | 20.63782 | .0026649 | .0031680 | .0070960 | 15.06474 |
| #2 | .000040 | -.001179 | 20.62186 | .0024465 | .0032153 | .0069232 | 15.14763 |
| #3 | .000032 | -.001265 | 20.64661 | .0025430 | .0033021 | .0069954 | 14.96521 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5568254 | 2.171043 | .0071893 | .0001714 | 229.3796 | .0005034 | .0711363 |
| Stddev | .0009149 | .016050 | .0001568 | .0004036 | 1.6506 | .0008201 | .0005782 |
| %RSD | .1643150 | .7392839 | 2.180805 | 235.5096 | .7196058 | 162.9323 | .8128695 |
| #1 | .5562781 | 2.153878 | .0071098 | -.000264 | 228.7159 | -.000430 | .0709496 |
| #2 | .5563164 | 2.173572 | .0070882 | .000246 | 231.2587 | .000832 | .0717849 |
| #3 | .5578816 | 2.185678 | .0073699 | .000533 | 228.1641 | .001108 | .0706745 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.158297 | .0816376 | -.000145 | -.003836 | -.001284 | .2929508 | .0154227 |
| Stddev | .006010 | .0009090 | .000356 | .000348 | .000683 | .0065723 | .0033902 |
| %RSD | .5188824 | 1.113491 | 246.1516 | 9.083228 | 53.21680 | 2.243475 | 21.98183 |
| #1 | 1.164837 | .0815158 | -.000160 | -.003442 | -.001226 | .2855179 | .0115098 |
| #2 | 1.153017 | .0826013 | -.000493 | -.003967 | -.001994 | .2979933 | .0174799 |
| #3 | 1.157037 | .0807955 | .000219 | -.004101 | -.000632 | .2953414 | .0172785 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03MS Acquired: 5/5/2025 17:04:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6211003 | .0020012 | .0551317 |
| Stddev | .0029991 | .0007127 | .0002150 |
| %RSD | .4828775 | 35.61570 | .3899305 |
| | | | |
| #1 | .6182721 | .0013063 | .0549237 |
| #2 | .6207836 | .0027305 | .0551184 |
| #3 | .6242452 | .0019667 | .0553530 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2883.744 | 72864.26 | 23120.71 | 1921.984 | 4482.227 |
| Stddev | 5.048 | 568.40 | 106.13 | 11.854 | 12.185 |
| %RSD | .1750368 | .7800795 | .4590226 | .6167398 | .2718426 |
| | | | | | |
| #1 | 2889.035 | 72378.41 | 22998.18 | 1915.399 | 4494.788 |
| #2 | 2883.217 | 72725.03 | 23180.54 | 1914.885 | 4470.457 |
| #3 | 2878.981 | 73489.34 | 23183.42 | 1935.669 | 4481.435 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03MSD Acquired: 5/5/2025 17:08:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000924 | -.003063 | -.001618 | -.000204 | -.000493 | .0132909 | .2453307 |
| Stddev | .002323 | .002404 | .001124 | .003733 | .002696 | .0041597 | .0011358 |
| %RSD | 251.3729 | 78.50049 | 69.46292 | 1830.971 | 546.6683 | 31.29758 | .4629689 |
| #1 | -.001809 | -.005136 | -.000403 | .000150 | .001565 | .0167765 | .2443206 |
| #2 | -.002675 | -.000427 | -.001831 | .003339 | .000501 | .0086861 | .2451113 |
| #3 | .001711 | -.003626 | -.002621 | -.004101 | -.003546 | .0144103 | .2465602 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000093 | -.001475 | 23.57784 | .0007754 | .0042126 | .0082113 | 17.24942 |
| Stddev | .0000527 | .000044 | .10886 | .0004866 | .0000711 | .0004134 | .07779 |
| %RSD | 565.2698 | 3.011913 | .4617139 | 62.74862 | 1.688081 | 5.034929 | .4509997 |
| #1 | -.000051 | -.001510 | 23.58316 | .0013235 | .0042706 | .0078108 | 17.24403 |
| #2 | .000046 | -.001425 | 23.68395 | .0003943 | .0041333 | .0086365 | 17.17446 |
| #3 | .000033 | -.001490 | 23.46642 | .0006085 | .0042339 | .0081865 | 17.32977 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6386613 | 2.482293 | .0138746 | .0005286 | 262.3244 | .0005468 | .0809981 |
| Stddev | .0002743 | .022386 | .0002214 | .0002905 | .5541 | .0005539 | .0002401 |
| %RSD | .0429571 | .9018435 | 1.596068 | 54.95050 | .2112113 | 101.3078 | .2964503 |
| #1 | .6383829 | 2.473453 | .0139344 | .0003439 | 262.8885 | .0004657 | .0807432 |
| #2 | .6389314 | 2.507750 | .0136294 | .0003785 | 262.3038 | .0011368 | .0812200 |
| #3 | .6386695 | 2.465676 | .0140600 | .0008634 | 261.7809 | .0000378 | .0810312 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.297134 | .0922627 | -.000499 | -.004298 | -.001019 | .3400119 | .0238274 |
| Stddev | .018287 | .0001156 | .000112 | .000486 | .000450 | .0111772 | .0029260 |
| %RSD | 1.409839 | .1253141 | 22.51169 | 11.30691 | 44.16742 | 3.287306 | 12.28009 |
| #1 | 1.302077 | .0923913 | -.000622 | -.004840 | -.000554 | .3341865 | .0249968 |
| #2 | 1.276882 | .0922297 | -.000472 | -.003902 | -.001453 | .3528985 | .0204975 |
| #3 | 1.312441 | .0921673 | -.000403 | -.004153 | -.001049 | .3329507 | .0259879 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03MSD Acquired: 5/5/2025 17:08:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7077744 | .0014794 | .0631664 |
| Stddev | .0028926 | .0005470 | .0000451 |
| %RSD | .4086859 | 36.97851 | .0714127 |
| | | | |
| #1 | .7096584 | .0015921 | .0631200 |
| #2 | .7044439 | .0019613 | .0632101 |
| #3 | .7092210 | .0008847 | .0631693 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2891.516 | 72176.56 | 22859.52 | 1908.238 | 4454.270 |
| Stddev | 5.603 | 341.96 | 162.08 | 1.735 | 11.779 |
| %RSD | .1937835 | .4737785 | .7090408 | .0908968 | .2644480 |
| | | | | | |
| #1 | 2891.889 | 71783.23 | 22746.33 | 1908.455 | 4463.518 |
| #2 | 2896.924 | 72403.27 | 22787.03 | 1906.405 | 4458.283 |
| #3 | 2885.736 | 72343.19 | 23045.19 | 1909.854 | 4441.009 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03A Acquired: 5/5/2025 17:13:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7734770 | 1.743691 | .8801098 | 1.917443 | .7652059 | 1.794119 | .4610190 |
| Stddev | .0030308 | .014893 | .0025271 | .007293 | .0030440 | .005317 | .0002512 |
| %RSD | .3918397 | .8540889 | .2871365 | .3803327 | .3977970 | .2963493 | .0544891 |
| #1 | .7705800 | 1.746793 | .8778358 | 1.909816 | .7645211 | 1.797372 | .4612356 |
| #2 | .7732252 | 1.756788 | .8796630 | 1.918166 | .7685339 | 1.787984 | .4610777 |
| #3 | .7766259 | 1.727492 | .8828305 | 1.924347 | .7625627 | 1.797003 | .4607436 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1621467 | .1827850 | 27.43549 | .3610589 | .1855048 | .2814070 | 21.78351 |
| Stddev | .0002878 | .0007953 | .06051 | .0017465 | .0006016 | .0010565 | .02884 |
| %RSD | .1774898 | .4350822 | .2205446 | .4837087 | .3242852 | .3754164 | .1323976 |
| #1 | .1624577 | .1825736 | 27.47365 | .3600884 | .1850966 | .2801894 | 21.76016 |
| #2 | .1618898 | .1836646 | 27.46709 | .3600132 | .1861956 | .2820802 | 21.81575 |
| #3 | .1620927 | .1821168 | 27.36572 | .3630751 | .1852222 | .2819513 | 21.77463 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8903879 | 4.466962 | .4561541 | .0690228 | 290.4190 | .2724757 | .2751116 |
| Stddev | .0015583 | .016040 | .0014960 | .0002509 | 2.4981 | .0002111 | .0002166 |
| %RSD | .1750180 | .3590810 | .3279581 | .3635335 | .8601846 | .0774699 | .0787188 |
| #1 | .8910778 | 4.478395 | .4555900 | .0692941 | 290.9557 | .2724320 | .2748695 |
| #2 | .8914821 | 4.473865 | .4578501 | .0687992 | 287.6962 | .2722898 | .2752868 |
| #3 | .8886036 | 4.448626 | .4550221 | .0689751 | 292.6052 | .2727052 | .2751787 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.89469 | .3467586 | .3950608 | .6316547 | .1818739 | 1.202519 | 5.666596 |
| Stddev | .02901 | .0006678 | .0017798 | .0027751 | .0003317 | .007052 | .020880 |
| %RSD | .2439146 | .1925953 | .4504996 | .4393353 | .1823708 | .5864445 | .3684781 |
| #1 | 11.89312 | .3467847 | .3930059 | .6309735 | .1820991 | 1.194583 | 5.664705 |
| #2 | 11.86650 | .3474131 | .3960668 | .6347069 | .1820295 | 1.204908 | 5.688358 |
| #3 | 11.92446 | .3460781 | .3961098 | .6292836 | .1814930 | 1.208067 | 5.646726 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1913-03A Acquired: 5/5/2025 17:13:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7711355 | .1970687 | .2584539 |
| Stddev | .0071192 | .0015725 | .0001202 |
| %RSD | .9232038 | .7979368 | .0464989 |
| | | | |
| #1 | .7752366 | .1957214 | .2585589 |
| #2 | .7752548 | .1987965 | .2583228 |
| #3 | .7629150 | .1966883 | .2584800 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2888.024 | 72267.17 | 22496.16 | 1902.003 | 4428.097 |
| Stddev | 7.427 | 75.66 | 56.97 | 5.574 | 15.566 |
| %RSD | .2571564 | .1046963 | .2532555 | .2930516 | .3515372 |
| | | | | | |
| #1 | 2890.416 | 72351.77 | 22486.06 | 1907.405 | 4427.213 |
| #2 | 2879.696 | 72206.00 | 22444.91 | 1896.271 | 4412.992 |
| #3 | 2893.961 | 72243.73 | 22557.50 | 1902.332 | 4444.087 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167837BL Acquired: 5/5/2025 17:17:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000219 | -.000594 | -.000575 | .0002513 | .0006113 | .0017890 | -.008007 |
| Stddev | .002570 | .002141 | .000886 | .0013940 | .0010216 | .0038257 | .000925 |
| %RSD | 1173.682 | 360.6474 | 153.9221 | 554.6885 | 167.1278 | 213.8488 | 11.54864 |
| #1 | -.002434 | -.002390 | -.001439 | -.000266 | -.000568 | -.002297 | -.007067 |
| #2 | -.000821 | .001775 | .000331 | .001830 | .001210 | .002378 | -.008916 |
| #3 | .002599 | -.001165 | -.000619 | -.000810 | .001193 | .005286 | -.008038 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000007 | -.000369 | -.002811 | -.000164 | -.000391 | -.000109 | -.009428 |
| Stddev | .000072 | .000006 | .004901 | .000307 | .000074 | .000112 | .004058 |
| %RSD | 1003.730 | 1.586588 | 174.3555 | 187.4792 | 18.83608 | 102.9850 | 43.03969 |
| #1 | -.000054 | -.000373 | -.006342 | -.000396 | -.000344 | .000007 | -.008049 |
| #2 | -.000044 | -.000372 | .002785 | -.000280 | -.000352 | -.000118 | -.013996 |
| #3 | .000076 | -.000363 | -.004875 | .000184 | -.000475 | -.000217 | -.006240 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000774 | -.001880 | .0000171 | .0000451 | .1130033 | -.000218 | -.000771 |
| Stddev | .000065 | .007367 | .0001435 | .0002704 | .0021060 | .001601 | .000396 |
| %RSD | 8.401050 | 391.8320 | 839.9049 | 599.3204 | 1.863705 | 733.5088 | 51.39781 |
| #1 | -.000714 | .001542 | -.000081 | .0001517 | .1118972 | .001125 | -.000517 |
| #2 | -.000843 | .003154 | .000182 | -.000262 | .1154320 | .000210 | -.000568 |
| #3 | -.000765 | -.010336 | -.000050 | .000246 | .1116809 | -.001990 | -.001227 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0794597 | .0001075 | -.000272 | .0063303 | -.000501 | -.009667 | -.003390 |
| Stddev | .0339615 | .0008148 | .000199 | .0008224 | .000242 | .001714 | .001675 |
| %RSD | 42.74050 | 757.7973 | 73.23106 | 12.99073 | 48.37967 | 17.73164 | 49.40792 |
| #1 | .0509664 | -.000652 | -.000184 | .0056568 | -.000763 | -.010026 | -.005137 |
| #2 | .1170405 | .000968 | -.000132 | .0072467 | -.000284 | -.011173 | -.003235 |
| #3 | .0703722 | .000006 | -.000501 | .0060872 | -.000456 | -.007802 | -.001798 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167837BL Acquired: 5/5/2025 17:17:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002997 | .0054983 | -.000544 |
| Stddev | .003485 | .0007164 | .000044 |
| %RSD | 116.2854 | 13.02968 | 8.095741 |
| | | | |
| #1 | -.000077 | .0060761 | -.000570 |
| #2 | -.006855 | .0046967 | -.000493 |
| #3 | -.002058 | .0057222 | -.000569 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3009.113 | 73237.07 | 20303.91 | 1987.489 | 4850.046 |
| Stddev | 14.971 | 76.87 | 88.11 | 7.088 | 26.987 |
| %RSD | .4975356 | .1049631 | .4339778 | .3566294 | .5564190 |
| | | | | | |
| #1 | 3025.737 | 73325.40 | 20232.58 | 1993.546 | 4880.372 |
| #2 | 2996.693 | 73185.35 | 20402.41 | 1989.227 | 4828.677 |
| #3 | 3004.909 | 73200.45 | 20276.73 | 1979.694 | 4841.088 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167815TB Acquired: 5/5/2025 17:31:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003527 | -.004628 | -.001684 | .0051850 | -.000752 | -.007697 | -.009799 |
| Stddev | .002531 | .001207 | .000717 | .0035435 | .000040 | .008484 | .001469 |
| %RSD | 71.76226 | 26.06952 | 42.59881 | 68.34103 | 5.265494 | 110.2354 | 14.99126 |
| #1 | -.006237 | -.005954 | -.001748 | .0092400 | -.000732 | -.008860 | -.008482 |
| #2 | -.001224 | -.004337 | -.000936 | .0036311 | -.000725 | .001309 | -.011383 |
| #3 | -.003120 | -.003594 | -.002367 | .0026840 | -.000797 | -.015539 | -.009533 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000208 | -.000490 | .0099795 | -.000253 | -.000485 | -.000017 | .0522068 |
| Stddev | .000020 | .000070 | .0045588 | .000407 | .000125 | .000213 | .0017207 |
| %RSD | 9.396924 | 14.27476 | 45.68156 | 161.1186 | 25.72783 | 1227.730 | 3.295850 |
| #1 | -.000193 | -.000417 | .0106104 | -.000689 | -.000416 | .000186 | .0502369 |
| #2 | -.000200 | -.000496 | .0051381 | -.000185 | -.000409 | .000002 | .0534162 |
| #3 | -.000230 | -.000556 | .0141900 | .000116 | -.000629 | -.000240 | .0529671 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002651 | -.011529 | .0006705 | .0001544 | 346.4940 | -.000467 | -.000227 |
| Stddev | .000379 | .009770 | .0003256 | .0001350 | 2.9721 | .001210 | .000181 |
| %RSD | 14.29111 | 84.74063 | 48.55690 | 87.44825 | .8577765 | 259.0662 | 79.91993 |
| #1 | -.002374 | -.020155 | .0010351 | .0001479 | 344.7362 | .000091 | -.000436 |
| #2 | -.002497 | -.013513 | .0005677 | .0002924 | 349.9256 | -.001856 | -.000122 |
| #3 | -.003083 | -.000920 | .0004087 | .0000227 | 344.8201 | .000364 | -.000122 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0078449 | -.002267 | -.000094 | -.001450 | -.000418 | .0061757 | .0042774 |
| Stddev | .0092009 | .000702 | .000247 | .000928 | .000580 | .0093580 | .0019045 |
| %RSD | 117.2854 | 30.94787 | 263.5858 | 64.02297 | 138.7993 | 151.5277 | 44.52425 |
| #1 | .0085055 | -.001468 | -.000197 | -.000384 | .000208 | .0168247 | .0025623 |
| #2 | -.001669 | -.002782 | .000188 | -.001883 | -.000523 | .0024391 | .0039430 |
| #3 | .016698 | -.002550 | -.000272 | -.002082 | -.000938 | -.000737 | .0063270 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167815TB Acquired: 5/5/2025 17:31:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0260943 | -.002741 | -.000571 |
| Stddev | .0011984 | .000373 | .000049 |
| %RSD | 4.592414 | 13.62152 | 8.611468 |
| | | | |
| #1 | .0248686 | -.003155 | -.000622 |
| #2 | .0261512 | -.002636 | -.000567 |
| #3 | .0272633 | -.002431 | -.000524 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2884.826 | 71019.35 | 21644.21 | 1865.380 | 4440.474 |
| Stddev | 12.672 | 403.45 | 104.52 | 5.281 | 8.949 |
| %RSD | .4392808 | .5680840 | .4828812 | .2831209 | .2015290 |
| | | | | | |
| #1 | 2880.881 | 70598.44 | 21549.15 | 1861.931 | 4441.313 |
| #2 | 2874.594 | 71056.88 | 21627.35 | 1862.750 | 4431.136 |
| #3 | 2899.001 | 71402.72 | 21756.13 | 1871.460 | 4448.975 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167837BS Acquired: 5/5/2025 17:36:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7464681 | 1.844138 | .9131765 | 1.896356 | .7541858 | 1.748611 |
| Stddev | .0030959 | .019515 | .0008693 | .012249 | .0024046 | .007058 |
| %RSD | .4147361 | 1.058226 | .0951907 | .6459366 | .3188268 | .4036605 |
| #1 | .7478786 | 1.848543 | .9136245 | 1.910293 | .7569588 | 1.750209 |
| #2 | .7486076 | 1.822796 | .9121746 | 1.891473 | .7526780 | 1.740890 |
| #3 | .7429182 | 1.861074 | .9137304 | 1.887301 | .7529207 | 1.754733 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1699498 | .1768624 | .1843408 | .9002096 | .3650032 | .1793157 |
| Stddev | .0011322 | .0010503 | .0003955 | .0122484 | .0014590 | .0003297 |
| %RSD | .6662188 | .5938383 | .2145761 | 1.360617 | .3997361 | .1838525 |
| #1 | .1711882 | .1780368 | .1845726 | .8969516 | .3657287 | .1796892 |
| #2 | .1696935 | .1765374 | .1838841 | .9137576 | .3633236 | .1790652 |
| #3 | .1689676 | .1760131 | .1845657 | .8899196 | .3659572 | .1791927 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2819978 | 2.694128 | .1787908 | 1.755328 | .4550118 | .0678572 |
| Stddev | .0010735 | .015047 | .0003222 | .027891 | .0015475 | .0000623 |
| %RSD | .3806716 | .5585126 | .1802255 | 1.588936 | .3400920 | .0917918 |
| #1 | .2831067 | 2.691866 | .1788116 | 1.787490 | .4565161 | .0679128 |
| #2 | .2819232 | 2.680339 | .1784586 | 1.737789 | .4534245 | .0678689 |
| #3 | .2809636 | 2.710177 | .1791020 | 1.740705 | .4550948 | .0677899 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.702474 | .2669754 | .1832817 | 8.712112 | .2752933 | .3786569 |
| Stddev | .018587 | .0025052 | .0005431 | .062599 | .0012005 | .0005955 |
| %RSD | .6877608 | .9383722 | .2963183 | .7185270 | .4360773 | .1572616 |
| #1 | 2.693749 | .2695880 | .1833281 | 8.749229 | .2763668 | .3792419 |
| #2 | 2.689855 | .2667447 | .1827169 | 8.639838 | .2755160 | .3780515 |
| #3 | 2.723818 | .2645935 | .1838001 | 8.747270 | .2739970 | .3786774 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167837BS Acquired: 5/5/2025 17:36:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6439336 | .1804832 | .7670617 | 5.543249 | F -.015755 | .1892563 |
| Stddev | .0029922 | .0004888 | .0143301 | .028018 | .001233 | .0024459 |
| %RSD | .4646811 | .2708529 | 1.868178 | .5054409 | 7.823153 | 1.292388 |
| #1 | .6434107 | .1806410 | .7834515 | 5.558937 | -.015225 | .1915524 |
| #2 | .6412373 | .1799349 | .7608372 | 5.510902 | -.017163 | .1895325 |
| #3 | .6471528 | .1808736 | .7568965 | 5.559908 | -.014875 | .1866840 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1796011 |
| Stddev | .0006203 |
| %RSD | .3453829 |
| #1 | .1802825 |
| #2 | .1790691 |
| #3 | .1794519 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2954.123 | 72381.13 | 20610.51 | 1963.188 | 4669.231 |
| Stddev | 6.201 | 294.04 | 124.30 | 9.009 | 12.249 |
| %RSD | .2099152 | .4062322 | .6031033 | .4589036 | .2623321 |
| #1 | 2949.104 | 72294.51 | 20468.84 | 1969.755 | 4661.503 |
| #2 | 2961.055 | 72708.74 | 20661.42 | 1966.891 | 4683.354 |
| #3 | 2952.209 | 72140.13 | 20701.28 | 1952.917 | 4662.837 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167817BL Acquired: 5/5/2025 17:41:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0028974 | -.000044 | -.001883 | .0031618 | .0004413 | -.003239 | -.005701 |
| Stddev | .0007816 | .001485 | .001024 | .0004326 | .0023638 | .003939 | .000393 |
| %RSD | 26.97484 | 3364.102 | 54.40408 | 13.68306 | 535.6321 | 121.6236 | 6.888192 |
| #1 | .0020296 | -.001755 | -.001246 | .0027940 | -.002232 | -.006965 | -.005494 |
| #2 | .0035460 | .000715 | -.001338 | .0030529 | .002254 | -.003635 | -.005455 |
| #3 | .0031165 | .000908 | -.003064 | .0036385 | .001303 | .000884 | -.006154 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000025 | -.000337 | .0051417 | -.000274 | -.000507 | -.000422 | -.000698 |
| Stddev | .000058 | .000036 | .0090571 | .000165 | .000199 | .000073 | .000659 |
| %RSD | 238.5742 | 10.71158 | 176.1484 | 60.10370 | 39.28316 | 17.35097 | 94.48760 |
| #1 | -.000081 | -.000374 | .0071041 | -.000317 | -.000380 | -.000498 | -.000184 |
| #2 | -.000028 | -.000335 | -.004736 | -.000413 | -.000405 | -.000416 | -.000468 |
| #3 | .000036 | -.000302 | .013057 | -.000092 | -.000737 | -.000352 | -.001441 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000939 | -.006039 | -.000037 | -.000051 | .0144009 | -.000337 | -.001225 |
| Stddev | .000268 | .014308 | .000307 | .000226 | .0092393 | .001094 | .000348 |
| %RSD | 28.59879 | 236.9254 | 834.4783 | 441.2595 | 64.15800 | 324.0983 | 28.37388 |
| #1 | -.000686 | .000690 | -.000219 | -.000287 | .0137999 | .000725 | -.001607 |
| #2 | -.000909 | .003664 | -.000208 | .000162 | .0239261 | -.000277 | -.000927 |
| #3 | -.001220 | -.022472 | .000317 | -.000028 | .0054767 | -.001460 | -.001141 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001771 | -.001733 | -.000357 | .0065697 | .0000592 | -.009317 | .0008194 |
| Stddev | .017665 | .000406 | .000327 | .0006133 | .0009073 | .000332 | .0040906 |
| %RSD | 997.7054 | 23.41367 | 91.64319 | 9.334827 | 1531.788 | 3.558569 | 499.2425 |
| #1 | .005727 | -.002056 | .000013 | .0058671 | .0008852 | -.009676 | .0031122 |
| #2 | .010909 | -.001865 | -.000476 | .0068445 | -.000912 | -.009023 | .0032492 |
| #3 | -.021947 | -.001278 | -.000607 | .0069974 | .000204 | -.009251 | -.003903 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167817BL Acquired: 5/5/2025 17:41:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003299 | .0017222 | -.000541 |
| Stddev | .001275 | .0002288 | .000065 |
| %RSD | 38.64670 | 13.28553 | 12.03154 |
| | | | |
| #1 | -.002598 | .0019845 | -.000603 |
| #2 | -.004770 | .0016181 | -.000474 |
| #3 | -.002528 | .0015639 | -.000546 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3017.222 | 71704.48 | 20927.56 | 1956.810 | 4834.959 |
| Stddev | 9.713 | 547.89 | 140.44 | 17.667 | 13.570 |
| %RSD | .3219109 | .7640887 | .6710656 | .9028453 | .2806618 |
| | | | | | |
| #1 | 3016.443 | 72155.64 | 20909.75 | 1971.080 | 4835.447 |
| #2 | 3027.301 | 71862.98 | 20796.88 | 1962.299 | 4848.279 |
| #3 | 3007.923 | 71094.82 | 21076.05 | 1937.050 | 4821.152 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167817BS Acquired: 5/5/2025 17:46:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7191804 | 1.811161 | .8933622 | 1.816243 | .7361210 | 1.720917 |
| Stddev | .0059961 | .014672 | .0006752 | .004933 | .0021703 | .010237 |
| %RSD | .8337396 | .8100823 | .0755775 | .2716195 | .2948242 | .5948856 |
| #1 | .7192485 | 1.808155 | .8927675 | 1.810622 | .7336680 | 1.719385 |
| #2 | .7251422 | 1.827104 | .8932230 | 1.818248 | .7369036 | 1.731834 |
| #3 | .7131506 | 1.798226 | .8940961 | 1.819857 | .7377915 | 1.711532 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1715168 | .1739848 | .1793749 | .8896572 | .3651600 | .1748937 |
| Stddev | .0007575 | .0006126 | .0001803 | .0061081 | .0006794 | .0005020 |
| %RSD | .4416648 | .3520996 | .1005329 | .6865694 | .1860429 | .2870067 |
| #1 | .1717159 | .1741597 | .1792361 | .8827861 | .3652998 | .1743320 |
| #2 | .1706796 | .1733038 | .1793099 | .8917148 | .3644216 | .1750510 |
| #3 | .1721549 | .1744910 | .1795787 | .8944709 | .3657585 | .1752982 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2736607 | 2.730750 | .1774450 | 1.742698 | .4441915 | .0673187 |
| Stddev | .0003099 | .014050 | .0011439 | .007663 | .0009780 | .0003330 |
| %RSD | .1132434 | .5144975 | .6446428 | .4397250 | .2201702 | .4946848 |
| #1 | .2737766 | 2.722390 | .1765364 | 1.747782 | .4432909 | .0669428 |
| #2 | .2738959 | 2.722890 | .1770690 | 1.746428 | .4440520 | .0675768 |
| #3 | .2733095 | 2.746971 | .1787295 | 1.733884 | .4452318 | .0674366 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.677783 | .2662889 | .1822153 | 8.775890 | .2702178 | .3771590 |
| Stddev | .014030 | .0025477 | .0012334 | .076431 | .0014804 | .0003531 |
| %RSD | .5239427 | .9567330 | .6768792 | .8709229 | .5478709 | .0936274 |
| #1 | 2.661711 | .2650544 | .1829676 | 8.697301 | .2711013 | .3769968 |
| #2 | 2.687582 | .2645936 | .1807919 | 8.849963 | .2685087 | .3775641 |
| #3 | 2.684055 | .2692186 | .1828864 | 8.780407 | .2710435 | .3769161 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167817BS Acquired: 5/5/2025 17:46:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6303253 | .1809568 | .7840147 | 5.306127 | F -.011379 | .1833912 |
| Stddev | .0017723 | .0011888 | .0069128 | .007623 | .003795 | .0010289 |
| %RSD | .2811752 | .6569687 | .8817167 | .1436610 | 33.34766 | .5610535 |
| #1 | .6299806 | .1819947 | .7893609 | 5.301466 | -.012942 | .1825430 |
| #2 | .6322446 | .1812159 | .7864748 | 5.301990 | -.014143 | .1830948 |
| #3 | .6287506 | .1796598 | .7762083 | 5.314923 | -.007053 | .1845358 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1787047 |
| Stddev | .0004492 |
| %RSD | .2513754 |
| #1 | .1782174 |
| #2 | .1787943 |
| #3 | .1791023 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3038.303 | 71929.88 | 20898.02 | 1961.061 | 4844.676 |
| Stddev | 5.159 | 30.30 | 62.70 | 4.832 | 5.055 |
| %RSD | .1697923 | .0421236 | .3000180 | .2463875 | .1043488 |
| #1 | 3043.357 | 71895.11 | 20837.46 | 1957.622 | 4848.884 |
| #2 | 3038.508 | 71950.66 | 20962.66 | 1958.976 | 4846.076 |
| #3 | 3033.046 | 71943.85 | 20893.95 | 1966.585 | 4839.068 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167832BL Acquired: 5/5/2025 17:51:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001557 | .0005069 | -.001017 | .0027604 | -.001987 | -.006381 | -.004605 |
| Stddev | .002185 | .0003421 | .001199 | .0012017 | .001426 | .009013 | .001385 |
| %RSD | 140.3634 | 67.47889 | 117.9590 | 43.53439 | 71.77212 | 141.2448 | 30.07354 |
| #1 | .000401 | .0001121 | -.001956 | .0014981 | -.000617 | .003714 | -.003236 |
| #2 | -.001158 | .0006961 | -.001429 | .0028924 | -.001881 | -.009239 | -.006005 |
| #3 | -.003914 | .0007127 | .000334 | .0038907 | -.003464 | -.013619 | -.004574 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000001 | -.000268 | .0061017 | -.000207 | -.000064 | -.000347 | -.012007 |
| Stddev | .000047 | .000103 | .0058074 | .000163 | .000081 | .000395 | .004743 |
| %RSD | 7900.376 | 38.38619 | 95.17731 | 78.53489 | 126.8529 | 113.9887 | 39.50090 |
| #1 | -.000010 | -.000325 | .0039956 | -.000028 | -.000025 | -.000635 | -.016957 |
| #2 | -.000042 | -.000330 | .0126682 | -.000346 | -.000009 | .000104 | -.011561 |
| #3 | .000050 | -.000149 | .0016411 | -.000246 | -.000157 | -.000509 | -.007503 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001746 | .0089879 | .0000774 | -.000079 | -.008802 | -.000616 | -.000603 |
| Stddev | .000402 | .0118517 | .0001579 | .000267 | .004224 | .001417 | .000098 |
| %RSD | 23.00699 | 131.8629 | 203.9373 | 338.4711 | 47.99328 | 229.8739 | 16.30698 |
| #1 | -.001539 | .0090704 | .0000552 | -.000273 | -.013062 | -.000996 | -.000594 |
| #2 | -.001490 | .0207981 | -.000068 | .000225 | -.008730 | .000952 | -.000510 |
| #3 | -.002209 | -.002905 | .000245 | -.000188 | -.004614 | -.001805 | -.000706 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047522 | -.001774 | .0001855 | .0119709 | .0001916 | -.004674 | -.000080 |
| Stddev | .0255323 | .000761 | .0001977 | .0003629 | .0003952 | .002273 | .002716 |
| %RSD | 537.2690 | 42.89352 | 106.6189 | 3.031782 | 206.1984 | 48.62015 | 3405.945 |
| #1 | .0335869 | -.001051 | .0003487 | .0118920 | .0000141 | -.006787 | -.001801 |
| #2 | -.004344 | -.002568 | -.000034 | .0116539 | -.000084 | -.002270 | .003051 |
| #3 | -.014987 | -.001703 | .000242 | .0123668 | .000644 | -.004967 | -.001490 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167832BL Acquired: 5/5/2025 17:51:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0007308 | .0011095 | -.000199 |
| Stddev | .0015097 | .0013970 | .000052 |
| %RSD | 206.5976 | 125.9188 | 26.26896 |
| | | | |
| #1 | .0016248 | .0015538 | -.000178 |
| #2 | .0015798 | .0022302 | -.000161 |
| #3 | -.001012 | -.000456 | -.000259 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3022.650 | 71539.47 | 20551.51 | 1935.193 | 4878.831 |
| Stddev | 1.295 | 141.72 | 17.44 | 6.697 | 1.457 |
| %RSD | .0428417 | .1981066 | .0848833 | .3460380 | .0298591 |
| | | | | | |
| #1 | 3021.205 | 71443.76 | 20557.27 | 1927.756 | 4878.173 |
| #2 | 3023.038 | 71472.37 | 20531.91 | 1937.076 | 4877.819 |
| #3 | 3023.707 | 71702.29 | 20565.34 | 1940.746 | 4880.500 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV04 Acquired: 5/5/2025 17:55:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.927615 | 4.864326 | 4.873615 | 4.980050 | 4.970753 | 9.610465 | 9.685065 |
| Stddev | .027590 | .047306 | .009300 | .035287 | .039620 | .013966 | .108047 |
| %RSD | .5599031 | .9725185 | .1908332 | .7085639 | .7970714 | .1453161 | 1.115601 |
| #1 | 4.906015 | 4.816089 | 4.865577 | 4.952272 | 4.943351 | 9.621714 | 9.785099 |
| #2 | 4.918134 | 4.910643 | 4.871468 | 4.968122 | 4.952726 | 9.614847 | 9.570480 |
| #3 | 4.958695 | 4.866246 | 4.883802 | 5.019754 | 5.016181 | 9.594834 | 9.699616 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2299706 | 2.418162 | 23.82713 | .9765638 | 2.417849 | 1.222873 | 4.986336 |
| Stddev | .0004542 | .000512 | .01891 | .0048359 | .002462 | .005070 | .022678 |
| %RSD | .1974819 | .0211695 | .0793820 | .4951926 | .1018305 | .4145721 | .4547996 |
| #1 | .2301836 | 2.417629 | 23.84272 | .9817677 | 2.415821 | 1.221374 | 5.012400 |
| #2 | .2302791 | 2.418208 | 23.83258 | .9722082 | 2.417138 | 1.218722 | 4.975491 |
| #3 | .2294491 | 2.418650 | 23.80609 | .9757154 | 2.420589 | 1.228523 | 4.971118 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.355526 | 23.63970 | 2.424378 | 1.200627 | 24.44218 | 2.407834 | 2.418353 |
| Stddev | .003401 | .04090 | .002875 | .001272 | .09400 | .006044 | .011794 |
| %RSD | .1443921 | .1730185 | .1185900 | .1059504 | .3845831 | .2510338 | .4877034 |
| #1 | 2.357435 | 23.67259 | 2.421828 | 1.201842 | 24.54548 | 2.411392 | 2.429450 |
| #2 | 2.357545 | 23.59390 | 2.423812 | 1.200736 | 24.36167 | 2.411255 | 2.419642 |
| #3 | 2.351600 | 23.65261 | 2.427494 | 1.199304 | 24.41938 | 2.400855 | 2.405968 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.21539 | 4.619776 | 4.961773 | 4.859168 | 4.795338 | 4.843563 | 4.792495 |
| Stddev | .11790 | .008730 | .025392 | .010933 | .009732 | .033723 | .010958 |
| %RSD | .4868770 | .1889721 | .5117462 | .2249910 | .2029574 | .6962433 | .2286536 |
| #1 | 24.34689 | 4.618037 | 4.948593 | 4.848884 | 4.806035 | 4.860857 | 4.781203 |
| #2 | 24.11913 | 4.629244 | 4.945680 | 4.870650 | 4.787006 | 4.804701 | 4.803086 |
| #3 | 24.18016 | 4.612046 | 4.991044 | 4.857971 | 4.792973 | 4.865131 | 4.793196 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV04 Acquired: 5/5/2025 17:55:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.784418 | 4.678659 | 4.839051 |
| Stddev | .020662 | .012058 | .027837 |
| %RSD | .4318543 | .2577126 | .5752554 |
| | | | |
| #1 | 4.765294 | 4.692579 | 4.870676 |
| #2 | 4.781626 | 4.671440 | 4.828216 |
| #3 | 4.806334 | 4.671959 | 4.818260 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2987.958 | 72809.75 | 21082.77 | 1905.667 | 4581.568 |
| Stddev | 9.926 | 359.45 | 69.84 | 11.278 | 12.311 |
| %RSD | .3321947 | .4936821 | .3312782 | .5918064 | .2687149 |
| | | | | | |
| #1 | 2979.760 | 72396.46 | 21015.85 | 1894.038 | 4567.521 |
| #2 | 2998.994 | 72983.26 | 21077.24 | 1906.404 | 4586.695 |
| #3 | 2985.121 | 73049.53 | 21155.21 | 1916.558 | 4590.487 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB04 Acquired: 5/5/2025 17:59:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0003863 | -.000162 | .0006786 | .0019877 | .0005818 | .0054453 | -.004735 |
| Stddev | .0015986 | .000820 | .0015628 | .0044249 | .0006601 | .0020506 | .000869 |
| %RSD | 413.8135 | 504.7160 | 230.2775 | 222.6089 | 113.4508 | 37.65862 | 18.35196 |
| #1 | .0020106 | .000517 | -.000208 | .0029447 | .0011389 | .0076078 | -.005062 |
| #2 | .0003336 | .000069 | -.000239 | .0058559 | -.000147 | .0035286 | -.005393 |
| #3 | -.001185 | -.001073 | .002483 | -.002837 | .000754 | .0051996 | -.003750 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000676 | .0004454 | .0245371 | .0002035 | .0003675 | .0003917 | .0014885 |
| Stddev | .0000664 | .0000501 | .0027087 | .0001368 | .0000388 | .0002517 | .0057581 |
| %RSD | 98.16720 | 11.25502 | 11.03935 | 67.23044 | 10.56109 | 64.24972 | 386.8298 |
| #1 | .0000909 | .0003875 | .0246932 | .0000680 | .0003818 | .0006465 | .0070208 |
| #2 | -.000007 | .0004727 | .0271644 | .0002010 | .0003971 | .0001433 | .0019164 |
| #3 | .000119 | .0004759 | .0217536 | .0003416 | .0003236 | .0003852 | -.004472 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0022486 | .0151493 | .0006107 | .0004883 | -.013457 | .0008101 | .0021246 |
| Stddev | .0001060 | .0066480 | .0002347 | .0001018 | .007713 | .0009873 | .0002855 |
| %RSD | 4.714520 | 43.88284 | 38.42625 | 20.85222 | 57.31231 | 121.8749 | 13.43808 |
| #1 | .0021305 | .0227662 | .0008336 | .0005124 | -.010094 | -.000055 | .0023876 |
| #2 | .0023357 | .0121669 | .0006327 | .0005758 | -.007997 | .000600 | .0021653 |
| #3 | .0022795 | .0105148 | .0003658 | .0003765 | -.022280 | .001886 | .0018209 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0208154 | .0077630 | .0015953 | .0060169 | .0018835 | .0039009 | .0010588 |
| Stddev | .0063919 | .0001935 | .0003678 | .0002845 | .0007070 | .0103004 | .0010904 |
| %RSD | 30.70756 | 2.491957 | 23.05569 | 4.728210 | 37.53693 | 264.0494 | 102.9837 |
| #1 | .0223873 | .0075485 | .0018637 | .0061650 | .0021662 | .0053256 | .0022119 |
| #2 | .0262746 | .0079242 | .0017462 | .0056889 | .0010789 | .0134149 | .0000443 |
| #3 | .0137842 | .0078162 | .0011761 | .0061969 | .0024055 | -.007038 | .0009203 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB04 Acquired: 5/5/2025 17:59:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0049136 | .0018011 | .0009720 |
| Stddev | .0004200 | .0006411 | .0000524 |
| %RSD | 8.548556 | 35.59665 | 5.387476 |
| | | | |
| #1 | .0044909 | .0011045 | .0009246 |
| #2 | .0049192 | .0023664 | .0009632 |
| #3 | .0053309 | .0019325 | .0010282 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3058.990 | 74413.90 | 21395.53 | 2010.529 | 4899.810 |
| Stddev | 3.977 | 415.46 | 24.64 | 4.154 | 3.250 |
| %RSD | .1299940 | .5583106 | .1151654 | .2065944 | .0663379 |
| | | | | | |
| #1 | 3054.508 | 74689.52 | 21407.92 | 2014.180 | 4896.322 |
| #2 | 3060.368 | 74616.14 | 21411.52 | 2006.010 | 4902.755 |
| #3 | 3062.095 | 73936.04 | 21367.15 | 2011.399 | 4900.354 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167832BS Acquired: 5/5/2025 18:04:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7439573 | 1.839082 | .9085927 | 1.873638 | .7470876 | 1.746542 |
| Stddev | .0087428 | .006474 | .0080455 | .013497 | .0062440 | .006568 |
| %RSD | 1.175169 | .3520089 | .8854952 | .7203708 | .8357744 | .3760819 |
| #1 | .7539808 | 1.831607 | .9171658 | 1.888327 | .7534569 | 1.741562 |
| #2 | .7399865 | 1.842868 | .9074057 | 1.861782 | .7409770 | 1.744079 |
| #3 | .7379047 | 1.842771 | .9012066 | 1.870806 | .7468288 | 1.753986 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1696076 | .1799904 | .1832373 | .8948695 | .3627302 | .1784049 |
| Stddev | .0017251 | .0010019 | .0016577 | .0045272 | .0013048 | .0012535 |
| %RSD | 1.017082 | .5566158 | .9046771 | .5059014 | .3597284 | .7026199 |
| #1 | .1676487 | .1809271 | .1851372 | .8925945 | .3630991 | .1798512 |
| #2 | .1702745 | .1801101 | .1824891 | .9000829 | .3638109 | .1776320 |
| #3 | .1708996 | .1789341 | .1820856 | .8919310 | .3612806 | .1777315 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2788012 | 2.650471 | .1791049 | 1.711240 | .4534638 | .0676946 |
| Stddev | .0024832 | .016339 | .0011588 | .005634 | .0035841 | .0004520 |
| %RSD | .8906751 | .6164529 | .6470210 | .3292342 | .7903933 | .6676772 |
| #1 | .2815032 | 2.641860 | .1779679 | 1.707052 | .4574746 | .0674789 |
| #2 | .2766192 | 2.669315 | .1802844 | 1.717645 | .4523423 | .0682140 |
| #3 | .2782812 | 2.640239 | .1790623 | 1.709023 | .4505745 | .0673908 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.630451 | .2676872 | .1831697 | 8.581719 | .2879138 | .3788440 |
| Stddev | .007214 | .0006747 | .0011061 | .056241 | .0005174 | .0032416 |
| %RSD | .2742431 | .2520417 | .6038442 | .6553577 | .1796950 | .8556443 |
| #1 | 2.623972 | .2672866 | .1819052 | 8.531030 | .2882513 | .3825844 |
| #2 | 2.629157 | .2684662 | .1836461 | 8.642220 | .2881719 | .3768532 |
| #3 | 2.638224 | .2673088 | .1839576 | 8.571907 | .2873182 | .3770943 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167832BS Acquired: 5/5/2025 18:04:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6412582 | .1810721 | .7513597 | 5.437079 | F -.012060 | .1875045 |
| Stddev | .0047494 | .0007026 | .0155905 | .028970 | .005140 | .0007602 |
| %RSD | .7406316 | .3880248 | 2.074974 | .5328253 | 42.62039 | .4054021 |
| #1 | .6467401 | .1803289 | .7452270 | 5.469013 | -.006502 | .1871447 |
| #2 | .6383829 | .1811619 | .7690841 | 5.429739 | -.016643 | .1883778 |
| #3 | .6386516 | .1817255 | .7397681 | 5.412485 | -.013036 | .1869911 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1792648 |
| Stddev | .0005510 |
| %RSD | .3073663 |
| #1 | .1792068 |
| #2 | .1798424 |
| #3 | .1787450 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3047.545 | 74205.82 | 20785.49 | 2006.191 | 4817.250 |
| Stddev | 24.728 | 159.79 | 65.57 | 3.243 | 36.992 |
| %RSD | .8114017 | .2153328 | .3154763 | .1616386 | .7679026 |
| #1 | 3020.179 | 74278.12 | 20726.56 | 2009.923 | 4774.838 |
| #2 | 3068.284 | 74022.65 | 20773.78 | 2004.065 | 4842.853 |
| #3 | 3054.173 | 74316.67 | 20856.13 | 2004.584 | 4834.058 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167868BL Acquired: 5/5/2025 18:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000759 | -.000230 | -.000089 | .0046415 | -.001365 | -.008597 | -.006716 |
| Stddev | .003399 | .000810 | .001239 | .0024526 | .001431 | .001530 | .000981 |
| %RSD | 447.5205 | 351.3969 | 1390.455 | 52.83980 | 104.9010 | 17.79734 | 14.60570 |
| #1 | -.003391 | .000686 | -.000536 | .0073943 | .000251 | -.009851 | -.005613 |
| #2 | -.001965 | -.000528 | -.001043 | .0026892 | -.001871 | -.009049 | -.007490 |
| #3 | .003078 | -.000850 | .001312 | .0038410 | -.002474 | -.006892 | -.007045 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000057 | -.000372 | -.001955 | -.000174 | -.000313 | -.000135 | -.015521 |
| Stddev | .000066 | .000065 | .010384 | .000231 | .000068 | .000382 | .001095 |
| %RSD | 115.8464 | 17.36775 | 531.1794 | 132.2370 | 21.55441 | 282.9708 | 7.053065 |
| #1 | -.000133 | -.000443 | -.005267 | -.000098 | -.000249 | -.000296 | -.016698 |
| #2 | -.000028 | -.000318 | -.010279 | -.000434 | -.000383 | .000301 | -.014532 |
| #3 | -.000011 | -.000353 | .009681 | .000008 | -.000308 | -.000410 | -.015334 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001518 | .0060099 | -.000168 | -.000400 | -.022590 | -.001203 | -.000713 |
| Stddev | .000359 | .0111255 | .000392 | .000188 | .004230 | .000511 | .000249 |
| %RSD | 23.67320 | 185.1181 | 233.5687 | 46.93939 | 18.72426 | 42.48782 | 34.93916 |
| #1 | -.001697 | .0188563 | .000266 | -.000189 | -.025676 | -.001369 | -.000612 |
| #2 | -.001753 | -.000359 | -.000272 | -.000463 | -.017769 | -.000629 | -.000530 |
| #3 | -.001104 | -.000467 | -.000497 | -.000549 | -.024325 | -.001610 | -.000997 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.021120 | .0005372 | -.000322 | -.001501 | -.000404 | -.003736 | -.001994 |
| Stddev | .020187 | .0005341 | .000387 | .000815 | .000469 | .013397 | .002351 |
| %RSD | 95.58245 | 99.41334 | 120.1360 | 54.29256 | 116.0168 | 358.6242 | 117.9345 |
| #1 | -.043639 | .0008362 | -.000436 | -.000580 | .000047 | -.011658 | -.004675 |
| #2 | -.004648 | -.000079 | .000109 | -.002129 | -.000889 | .011732 | -.001023 |
| #3 | -.015072 | .000855 | -.000639 | -.001794 | -.000371 | -.011281 | -.000283 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167868BL Acquired: 5/5/2025 18:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001579 | -.000139 | -.000571 |
| Stddev | .004664 | .000055 | .000022 |
| %RSD | 295.4641 | 39.97369 | 3.781369 |
| | | | |
| #1 | -.006805 | -.000194 | -.000587 |
| #2 | .002160 | -.000139 | -.000581 |
| #3 | -.000090 | -.000083 | -.000547 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3123.455 | 74966.15 | 21801.46 | 2030.694 | 5037.287 |
| Stddev | 8.549 | 119.82 | 21.92 | 6.003 | 15.143 |
| %RSD | .2737185 | .1598313 | .1005513 | .2956045 | .3006153 |
| | | | | | |
| #1 | 3131.753 | 75064.78 | 21825.08 | 2027.849 | 5053.694 |
| #2 | 3123.939 | 74832.81 | 21797.53 | 2026.641 | 5034.319 |
| #3 | 3114.674 | 75000.86 | 21781.77 | 2037.590 | 5023.848 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167868BS Acquired: 5/5/2025 18:14:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7599195 | 1.834376 | .9116634 | 1.906898 | .7617468 | 1.728064 |
| Stddev | .0113787 | .031155 | .0146708 | .038627 | .0138006 | .004137 |
| %RSD | 1.497352 | 1.698404 | 1.609228 | 2.025640 | 1.811700 | .2393833 |
| #1 | .7493910 | 1.834151 | .9030618 | 1.879819 | .7512070 | 1.724272 |
| #2 | .7583764 | 1.803333 | .9033254 | 1.889744 | .7566658 | 1.732476 |
| #3 | .7719909 | 1.865642 | .9286030 | 1.951131 | .7773675 | 1.727443 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1650631 | .1758010 | .1846414 | .8701819 | .3607827 | .1783912 |
| Stddev | .0018689 | .0002953 | .0028856 | .0054191 | .0007117 | .0033205 |
| %RSD | 1.132214 | .1679668 | 1.562827 | .6227530 | .1972533 | 1.861359 |
| #1 | .1668878 | .1760257 | .1831449 | .8757941 | .3607800 | .1762901 |
| #2 | .1631530 | .1754665 | .1828114 | .8649792 | .3600724 | .1766642 |
| #3 | .1651485 | .1759107 | .1879679 | .8697725 | .3614957 | .1822193 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2806999 | 2.634221 | .1743236 | 1.698014 | .4545459 | .0673413 |
| Stddev | .0049841 | .013290 | .0012331 | .008171 | .0067627 | .0003320 |
| %RSD | 1.775601 | .5045201 | .7073602 | .4812344 | 1.487798 | .4930779 |
| #1 | .2776338 | 2.649520 | .1755306 | 1.704566 | .4508647 | .0673044 |
| #2 | .2780151 | 2.627609 | .1730659 | 1.700618 | .4504224 | .0676902 |
| #3 | .2864509 | 2.625533 | .1743743 | 1.688858 | .4623506 | .0670292 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.610603 | .2627833 | .1812210 | 8.497748 | .2776215 | .3808669 |
| Stddev | .002281 | .0029422 | .0009283 | .023432 | .0008207 | .0063601 |
| %RSD | .0873584 | 1.119635 | .5122432 | .2757403 | .2956164 | 1.669898 |
| #1 | 2.608627 | .2658753 | .1801502 | 8.507240 | .2771510 | .3763831 |
| #2 | 2.610084 | .2600182 | .1817144 | 8.471059 | .2785691 | .3780717 |
| #3 | 2.613099 | .2624565 | .1817983 | 8.514944 | .2771442 | .3881459 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167868BS Acquired: 5/5/2025 18:14:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6482559 | .1780220 | .7601401 | 5.564134 | F -.011573 | .1841186 |
| Stddev | .0090475 | .0019094 | .0073955 | .091053 | .002692 | .0016268 |
| %RSD | 1.395665 | 1.072541 | .9729147 | 1.636423 | 23.26013 | .8835387 |
| #1 | .6444335 | .1798819 | .7684047 | 5.514245 | -.010500 | .1829082 |
| #2 | .6417470 | .1760668 | .7578694 | 5.508929 | -.014636 | .1859678 |
| #3 | .6585873 | .1781173 | .7541462 | 5.669228 | -.009583 | .1834798 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1755321 |
| Stddev | .0009191 |
| %RSD | .5235839 |
| #1 | .1765039 |
| #2 | .1746770 |
| #3 | .1754154 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2978.694 | 73824.80 | 21018.99 | 1982.530 | 4700.359 |
| Stddev | 41.363 | 112.31 | 61.49 | 8.061 | 62.925 |
| %RSD | 1.388640 | .1521251 | .2925457 | .4065918 | 1.338721 |
| #1 | 3010.940 | 73700.55 | 20959.01 | 1991.831 | 4744.260 |
| #2 | 2993.085 | 73854.76 | 21016.09 | 1977.560 | 4728.549 |
| #3 | 2932.058 | 73919.08 | 21081.88 | 1978.199 | 4628.269 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167774TB Acquired: 5/5/2025 18:18:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003977 | -.004533 | -.000528 | .0037739 | .0009146 | -.004047 | -.012067 |
| Stddev | .001767 | .002947 | .002091 | .0015128 | .0017695 | .004030 | .000585 |
| %RSD | 44.42600 | 65.00643 | 395.9187 | 40.08575 | 193.4736 | 99.57133 | 4.850071 |
| #1 | -.005946 | -.005026 | -.000364 | .0045864 | .0026672 | .000576 | -.012531 |
| #2 | -.003456 | -.007203 | -.002696 | .0020285 | .0009479 | -.005898 | -.012260 |
| #3 | -.002529 | -.001371 | .001476 | .0047068 | -.000871 | -.006819 | -.011409 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000180 | -.000501 | .0075526 | .0027513 | -.000552 | .0002494 | -.005385 |
| Stddev | .000009 | .000043 | .0038087 | .0006054 | .000233 | .0000685 | .005790 |
| %RSD | 4.941904 | 8.585438 | 50.42949 | 22.00416 | 42.09502 | 27.48263 | 107.5205 |
| #1 | -.000190 | -.000480 | .0113815 | .0033975 | -.000313 | .0001716 | -.003051 |
| #2 | -.000174 | -.000551 | .0075119 | .0026591 | -.000566 | .0002754 | -.001126 |
| #3 | -.000176 | -.000474 | .0037644 | .0021973 | -.000777 | .0003011 | -.011978 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001368 | -.006330 | .0032648 | .0000218 | 336.9867 | -.001187 | .0021742 |
| Stddev | .000127 | .004816 | .0002120 | .0001740 | 1.8816 | .000511 | .0002971 |
| %RSD | 9.267817 | 76.08809 | 6.492259 | 798.8709 | .5583511 | 43.02948 | 13.66301 |
| #1 | -.001397 | -.001577 | .0033856 | -.000107 | 339.1574 | -.000598 | .0024980 |
| #2 | -.001477 | -.006206 | .0033888 | -.000048 | 335.9822 | -.001473 | .0019142 |
| #3 | -.001229 | -.011207 | .0030201 | .000220 | 335.8206 | -.001491 | .0021105 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.021521 | -.001491 | -.000026 | -.000967 | -.000667 | .0025981 | .0025197 |
| Stddev | .025437 | .000470 | .000196 | .000232 | .000308 | .0042759 | .0018430 |
| %RSD | 118.1960 | 31.53477 | 756.1200 | 24.00896 | 46.20266 | 164.5748 | 73.14358 |
| #1 | -.012846 | -.000948 | -.000030 | -.000871 | -.000640 | .0001965 | .0043364 |
| #2 | -.001556 | -.001748 | -.000220 | -.000798 | -.000373 | .0075349 | .0025712 |
| #3 | -.050161 | -.001776 | .000172 | -.001231 | -.000987 | .0000630 | .0006515 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167774TB Acquired: 5/5/2025 18:18:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0218038 | -.001759 | -.000555 |
| Stddev | .0050072 | .001019 | .000036 |
| %RSD | 22.96471 | 57.89836 | 6.507437 |
| | | | |
| #1 | .0264967 | -.002746 | -.000592 |
| #2 | .0165325 | -.001820 | -.000520 |
| #3 | .0223822 | -.000711 | -.000552 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2911.128 | 70762.24 | 23292.46 | 1850.583 | 4480.755 |
| Stddev | 16.669 | 338.36 | 290.50 | 5.469 | 21.578 |
| %RSD | .5725915 | .4781587 | 1.247170 | .2955343 | .4815683 |
| | | | | | |
| #1 | 2916.372 | 70420.56 | 23616.86 | 1844.564 | 4494.782 |
| #2 | 2924.544 | 70769.00 | 23204.16 | 1855.248 | 4491.575 |
| #3 | 2892.467 | 71097.17 | 23056.36 | 1851.937 | 4455.908 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167858BL Acquired: 5/5/2025 18:22:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001973 | -.000489 | -.000775 | .0012376 | -.001761 | -.002002 | -.007734 |
| Stddev | .004101 | .001330 | .000851 | .0045851 | .001391 | .003977 | .000620 |
| %RSD | 207.8231 | 272.1785 | 109.7655 | 370.4864 | 79.01146 | 198.6249 | 8.012142 |
| #1 | -.006580 | -.001566 | -.000375 | -.003055 | -.001130 | -.002421 | -.008229 |
| #2 | -.000618 | .000997 | -.000199 | .006068 | -.003356 | .002167 | -.007039 |
| #3 | .001279 | -.000896 | -.001753 | .000700 | -.000797 | -.005753 | -.007934 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000067 | -.000407 | -.002178 | .0001990 | -.000301 | -.000381 | -.010467 |
| Stddev | .000035 | .000027 | .011196 | .0001574 | .000259 | .000132 | .001373 |
| %RSD | 52.46484 | 6.705880 | 513.9743 | 79.09819 | 85.98174 | 34.61549 | 13.11910 |
| #1 | -.000030 | -.000425 | .006775 | .0001823 | -.000599 | -.000477 | -.010850 |
| #2 | -.000073 | -.000420 | .001421 | .0000506 | -.000174 | -.000231 | -.008942 |
| #3 | -.000100 | -.000376 | -.014731 | .0003640 | -.000130 | -.000435 | -.011607 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001281 | -.003237 | -.000052 | -.000109 | .0074778 | -.001237 | -.001304 |
| Stddev | .000211 | .016992 | .000119 | .000402 | .0046611 | .001283 | .000115 |
| %RSD | 16.48031 | 524.8548 | 227.1406 | 367.5078 | 62.33203 | 103.7464 | 8.811848 |
| #1 | -.001463 | -.005996 | .000072 | -.000241 | .0021492 | .000239 | -.001307 |
| #2 | -.001331 | -.018682 | -.000166 | .000342 | .0107980 | -.002087 | -.001418 |
| #3 | -.001050 | .014965 | -.000063 | -.000430 | .0094862 | -.001863 | -.001188 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001815 | -.001097 | -.000339 | -.000202 | .0000725 | .0039449 | -.001424 |
| Stddev | .031283 | .000326 | .000349 | .000567 | .0011313 | .0106486 | .001936 |
| %RSD | 1723.560 | 29.67274 | 102.7540 | 281.2519 | 1559.641 | 269.9344 | 135.9311 |
| #1 | -.028235 | -.000812 | .000060 | .000407 | -.000938 | -.005123 | -.002283 |
| #2 | -.009940 | -.001028 | -.000492 | -.000716 | .001295 | .001288 | .000793 |
| #3 | .032729 | -.001452 | -.000586 | -.000295 | -.000139 | .015671 | -.002783 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167858BL Acquired: 5/5/2025 18:22:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001790 | .0006872 | -.000622 |
| Stddev | .002284 | .0006939 | .000084 |
| %RSD | 127.5646 | 100.9689 | 13.47013 |
| | | | |
| #1 | .000780 | .0006436 | -.000572 |
| #2 | -.002566 | .0000162 | -.000718 |
| #3 | -.003585 | .0014018 | -.000575 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3048.850 | 74765.22 | 22066.22 | 2001.277 | 4877.775 |
| Stddev | 12.539 | 182.45 | 63.19 | 2.775 | 8.811 |
| %RSD | .4112584 | .2440291 | .2863693 | .1386616 | .1806333 |
| | | | | | |
| #1 | 3049.412 | 74807.72 | 22001.42 | 2000.702 | 4879.497 |
| #2 | 3061.098 | 74565.27 | 22127.67 | 1998.835 | 4885.598 |
| #3 | 3036.040 | 74922.67 | 22069.58 | 2004.295 | 4868.231 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167858BS Acquired: 5/5/2025 18:27:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7394059 | 1.831999 | .9130306 | 1.874278 | .7578256 | 1.737213 |
| Stddev | .0054407 | .007926 | .0064461 | .004408 | .0036988 | .006478 |
| %RSD | .7358159 | .4326214 | .7060080 | .2351851 | .4880743 | .3729213 |
| #1 | .7331364 | 1.830137 | .9075193 | 1.873343 | .7539895 | 1.738058 |
| #2 | .7428879 | 1.825170 | .9201188 | 1.870413 | .7581176 | 1.743227 |
| #3 | .7421934 | 1.840690 | .9114537 | 1.879079 | .7613697 | 1.730353 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1744659 | .1709410 | .1842813 | .8957893 | .3665746 | .1788908 |
| Stddev | .0009727 | .0006998 | .0003601 | .0068555 | .0015664 | .0001255 |
| %RSD | .5575349 | .4093584 | .1953990 | .7652987 | .4272934 | .0701321 |
| #1 | .1755422 | .1715191 | .1838829 | .9003967 | .3683817 | .1788296 |
| #2 | .1742057 | .1711409 | .1843775 | .8990601 | .3656058 | .1788077 |
| #3 | .1736497 | .1701631 | .1845835 | .8879110 | .3657363 | .1790351 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2790343 | 2.794940 | .1789996 | 1.732358 | .4557678 | .0679982 |
| Stddev | .0009943 | .007423 | .0017009 | .004707 | .0006733 | .0001792 |
| %RSD | .3563234 | .2655928 | .9502338 | .2716992 | .1477263 | .2635481 |
| #1 | .2785369 | 2.801231 | .1797075 | 1.735377 | .4553298 | .0680648 |
| #2 | .2783870 | 2.796836 | .1802323 | 1.726934 | .4565431 | .0681346 |
| #3 | .2801792 | 2.786753 | .1770591 | 1.734761 | .4554306 | .0677953 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.741925 | .2671504 | .1837215 | 9.027829 | .2689694 | .3836606 |
| Stddev | .010268 | .0019146 | .0008067 | .036108 | .0011338 | .0008559 |
| %RSD | .3744828 | .7166605 | .4390698 | .3999633 | .4215482 | .2230799 |
| #1 | 2.749707 | .2688349 | .1831180 | 9.044612 | .2701197 | .3834212 |
| #2 | 2.745780 | .2675482 | .1846377 | 8.986384 | .2689357 | .3829499 |
| #3 | 2.730287 | .2650683 | .1834088 | 9.052490 | .2678528 | .3846107 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: PB167858BS Acquired: 5/5/2025 18:27:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6467006 | .1842298 | .7988479 | 5.421067 | F -.006147 | .1865813 |
| Stddev | .0022610 | .0011962 | .0070315 | .012029 | .001039 | .0004206 |
| %RSD | .3496229 | .6492793 | .8802013 | .2218848 | 16.90238 | .2254095 |
| #1 | .6450858 | .1852075 | .7982136 | 5.408357 | -.007342 | .1865812 |
| #2 | .6457314 | .1845858 | .7921551 | 5.422573 | -.005635 | .1861608 |
| #3 | .6492847 | .1828960 | .8061751 | 5.432272 | -.005462 | .1870020 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1826957 |
| Stddev | .0007917 |
| %RSD | .4333661 |
| #1 | .1834530 |
| #2 | .1827605 |
| #3 | .1818735 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3055.164 | 74333.14 | 21933.47 | 2008.064 | 4835.633 |
| Stddev | 5.285 | 134.92 | 72.43 | 1.645 | 5.096 |
| %RSD | .1729776 | .1815070 | .3302121 | .0819384 | .1053755 |
| #1 | 3060.230 | 74214.91 | 21857.33 | 2006.351 | 4841.272 |
| #2 | 3055.577 | 74480.12 | 21941.58 | 2008.210 | 4831.358 |
| #3 | 3049.685 | 74304.40 | 22001.50 | 2009.632 | 4834.270 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-01 Acquired: 5/5/2025 18:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0422206 | .0122010 | .1727172 | -.052541 | -.006332 | 125.9898 | 2.004368 |
| Stddev | .0055701 | .0013320 | .0026738 | .002939 | .001870 | .7859 | .015373 |
| %RSD | 13.19278 | 10.91743 | 1.548057 | 5.593192 | 29.53011 | .6237865 | .7669977 |
| #1 | .0357968 | .0136881 | .1697898 | -.053858 | -.005209 | 126.1200 | 2.003537 |
| #2 | .0451556 | .0111174 | .1750304 | -.054591 | -.008491 | 125.1470 | 1.989427 |
| #3 | .0457095 | .0117974 | .1733314 | -.049174 | -.005297 | 126.7025 | 2.020140 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0119360 | -.005251 | 26.07971 | .2654565 | .1349149 | .1065782 | 312.6348 |
| Stddev | .0000576 | .000435 | .11488 | .0001880 | .0005526 | .0004030 | 1.7453 |
| %RSD | .4822348 | 8.275226 | .4404877 | .0708137 | .4095757 | .3781024 | .5582684 |
| #1 | .0119487 | -.005006 | 26.11743 | .2653033 | .1342791 | .1064145 | 312.2635 |
| #2 | .0119861 | -.004995 | 25.95071 | .2656662 | .1352796 | .1070372 | 311.1051 |
| #3 | .0118731 | -.005753 | 26.17098 | .2653999 | .1351859 | .1062828 | 314.5360 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.884367 | 55.82746 | .2911051 | .0041900 | 4.247177 | .3640050 | .6319383 |
| Stddev | .021598 | .09723 | .0009564 | .0004839 | .058982 | .0009867 | .0015409 |
| %RSD | .4421787 | .1741547 | .3285588 | 11.54905 | 1.388736 | .2710688 | .2438418 |
| #1 | 4.892255 | 55.80987 | .2900243 | .0043240 | 4.222929 | .3646782 | .6335537 |
| #2 | 4.859935 | 55.74024 | .2914487 | .0036532 | 4.204183 | .3644646 | .6304846 |
| #3 | 4.900912 | 55.93228 | .2918423 | .0045927 | 4.314418 | .3628724 | .6317766 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.88909 | 1.064868 | .0018551 | .0014810 | 3.637463 | 5.369900 | 6.950265 |
| Stddev | .17525 | .007343 | .0002692 | .0017485 | .023357 | .039291 | .019276 |
| %RSD | 1.037634 | .6895959 | 14.50997 | 118.0645 | .6421339 | .7316939 | .2773441 |
| #1 | 16.84335 | 1.062137 | .0020818 | .0009902 | 3.640175 | 5.350369 | 6.932329 |
| #2 | 16.74125 | 1.059282 | .0019260 | .0034225 | 3.612868 | 5.344201 | 6.947819 |
| #3 | 17.08267 | 1.073186 | .0015576 | .0000303 | 3.659346 | 5.415130 | 6.970648 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-01 Acquired: 5/5/2025 18:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4528067 | .4230215 | -.181021 |
| Stddev | .0079776 | .0033726 | .000775 |
| %RSD | 1.761822 | .7972603 | .4283173 |
| | | | |
| #1 | .4452542 | .4228674 | -.180783 |
| #2 | .4520155 | .4197286 | -.180393 |
| #3 | .4611505 | .4264685 | -.181888 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3414.730 | 82085.74 | 25180.26 | 2222.639 | 4385.308 |
| Stddev | 1.109 | 145.87 | 41.09 | 1.145 | 9.289 |
| %RSD | .0324804 | .1777056 | .1631815 | .0515156 | .2118251 |
| | | | | | |
| #1 | 3415.537 | 82169.91 | 25137.59 | 2223.632 | 4394.316 |
| #2 | 3413.465 | 82170.00 | 25183.64 | 2221.386 | 4375.761 |
| #3 | 3415.187 | 81917.30 | 25219.56 | 2222.898 | 4385.847 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-05 Acquired: 5/5/2025 18:35:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0426053 | .0146371 | .1845052 | -.041235 | -.007031 | 125.8347 | .8239982 |
| Stddev | .0024141 | .0017437 | .0020435 | .002938 | .000692 | 1.1551 | .0074770 |
| %RSD | 5.666211 | 11.91273 | 1.107546 | 7.124655 | 9.843956 | .9179285 | .9074083 |
| #1 | .0440263 | .0126244 | .1823887 | -.039157 | -.006744 | 126.7215 | .8311183 |
| #2 | .0398179 | .0156896 | .1864669 | -.039952 | -.006529 | 124.5285 | .8162092 |
| #3 | .0439717 | .0155974 | .1846599 | -.044597 | -.007821 | 126.2541 | .8246672 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0123916 | -.005660 | 16.48286 | .2465095 | .1468910 | .1338505 | 315.6283 |
| Stddev | .0001725 | .000347 | .12491 | .0001267 | .0009821 | .0001583 | .6579 |
| %RSD | 1.392027 | 6.124911 | .7578369 | .0513825 | .6685832 | .1182892 | .2084468 |
| #1 | .0125798 | -.005728 | 16.61260 | .2464090 | .1464349 | .1339701 | 315.8168 |
| #2 | .0122410 | -.005968 | 16.36341 | .2464676 | .1462199 | .1336710 | 314.8967 |
| #3 | .0123540 | -.005285 | 16.47258 | .2466518 | .1480182 | .1339105 | 316.1714 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.423901 | 55.47111 | .2970378 | .0042247 | 7.113301 | .3268547 | .6375129 |
| Stddev | .053956 | .49875 | .0009623 | .0003228 | .037323 | .0041349 | .0033719 |
| %RSD | .8399331 | .8991121 | .3239649 | 7.641102 | .5246958 | 1.265068 | .5289080 |
| #1 | 6.480203 | 55.95671 | .2970682 | .0038931 | 7.098042 | .3305293 | .6412098 |
| #2 | 6.372644 | 54.96018 | .2960607 | .0042430 | 7.086025 | .3223772 | .6346066 |
| #3 | 6.418855 | 55.49644 | .2979846 | .0045380 | 7.155836 | .3276576 | .6367222 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 17.58935 | 1.081165 | .0027122 | -.000274 | 3.502757 | 1.884714 | 5.963837 |
| Stddev | .05301 | .003051 | .0003739 | .001798 | .029379 | .026286 | .008948 |
| %RSD | .3013573 | .2822344 | 13.78584 | 656.7713 | .8387275 | 1.394685 | .1500360 |
| #1 | 17.59719 | 1.078792 | .0031433 | -.000426 | 3.528922 | 1.897301 | 5.955469 |
| #2 | 17.53286 | 1.080096 | .0024767 | -.001991 | 3.470976 | 1.854501 | 5.962771 |
| #3 | 17.63799 | 1.084607 | .0025165 | .001596 | 3.508374 | 1.902339 | 5.973270 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-05 Acquired: 5/5/2025 18:35:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .2597542 | .4402818 | -.203930 |
| Stddev | .0064901 | .0035395 | .000479 |
| %RSD | 2.498555 | .8039126 | .2348860 |
| | | | |
| #1 | .2648472 | .4433973 | -.203412 |
| #2 | .2619687 | .4364331 | -.204024 |
| #3 | .2524466 | .4410150 | -.204356 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3464.731 | 83248.41 | 25888.93 | 2256.597 | 4419.635 |
| Stddev | 11.463 | 66.33 | 159.35 | 7.519 | 17.234 |
| %RSD | .3308460 | .0796715 | .6154996 | .3332199 | .3899471 |
| | | | | | |
| #1 | 3465.125 | 83322.32 | 25706.92 | 2248.619 | 4425.147 |
| #2 | 3475.991 | 83194.09 | 26003.27 | 2257.619 | 4433.438 |
| #3 | 3453.075 | 83228.81 | 25956.60 | 2263.554 | 4400.318 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1928-01 Acquired: 5/5/2025 18:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0429105 | .0058270 | .4241479 | -.019214 | .0002127 | 87.72604 | 1.033883 |
| Stddev | .0042437 | .0026586 | .0006712 | .004397 | .0012749 | .63985 | .007427 |
| %RSD | 9.889570 | 45.62544 | .1582556 | 22.88420 | 599.3669 | .7293758 | .7183437 |
| #1 | .0417540 | .0027577 | .4247976 | -.015802 | .0016847 | 88.40125 | 1.041065 |
| #2 | .0393651 | .0073107 | .4241892 | -.017664 | -.000507 | 87.12866 | 1.026233 |
| #3 | .0476126 | .0074127 | .4234570 | -.024176 | -.000539 | 87.64820 | 1.034350 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059100 | -.003211 | 17.33655 | .1635701 | .0599590 | .2308967 | 137.1294 |
| Stddev | .0000846 | .000240 | .12607 | .0010060 | .0004176 | .0014308 | .7742 |
| %RSD | 1.432410 | 7.466115 | .7271827 | .6150256 | .6965039 | .6196869 | .5645628 |
| #1 | .0059327 | -.003136 | 17.46709 | .1628019 | .0602289 | .2307227 | 136.8257 |
| #2 | .0058162 | -.003479 | 17.21549 | .1647088 | .0594779 | .2295608 | 138.0094 |
| #3 | .0059809 | -.003017 | 17.32705 | .1631996 | .0601701 | .2324066 | 136.5532 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.170935 | 27.12406 | .1424522 | .0018648 | 4.169139 | .2129606 | .8087872 |
| Stddev | .011898 | .20409 | .0009302 | .0001141 | .036412 | .0019328 | .0048406 |
| %RSD | .5480412 | .7524431 | .6529629 | 6.118050 | .8733672 | .9076032 | .5984995 |
| #1 | 2.182564 | 27.30870 | .1416219 | .0017790 | 4.161242 | .2141007 | .8041469 |
| #2 | 2.158786 | 26.90492 | .1422774 | .0018212 | 4.208851 | .2107290 | .8138058 |
| #3 | 2.171455 | 27.15857 | .1434574 | .0019942 | 4.137323 | .2140522 | .8084089 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.624153 | .4876223 | .0059694 | .0142785 | 1.437290 | 6.150621 | 3.382607 |
| Stddev | .075519 | .0035454 | .0001440 | .0005401 | .008399 | .024999 | .015714 |
| %RSD | .9905212 | .7270824 | 2.412237 | 3.782973 | .5843420 | .4064492 | .4645494 |
| #1 | 7.600242 | .4864341 | .0058033 | .0148695 | 1.442783 | 6.163331 | 3.377467 |
| #2 | 7.708732 | .4916092 | .0060461 | .0138104 | 1.427622 | 6.166711 | 3.370107 |
| #3 | 7.563483 | .4848235 | .0060589 | .0141557 | 1.441464 | 6.121820 | 3.400247 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1928-01 Acquired: 5/5/2025 18:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.919293 | .2219091 | -.015710 |
| Stddev | .017516 | .0013782 | .001428 |
| %RSD | .6000012 | .6210655 | 9.089719 |
| | | | |
| #1 | 2.922000 | .2231721 | -.014513 |
| #2 | 2.900582 | .2204391 | -.017290 |
| #3 | 2.935298 | .2221161 | -.015326 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3202.681 | 76412.93 | 22007.84 | 2048.286 | 4659.640 |
| Stddev | 10.102 | 403.00 | 178.29 | 4.991 | 18.155 |
| %RSD | .3154174 | .5273934 | .8101319 | .2436566 | .3896143 |
| | | | | | |
| #1 | 3211.416 | 76554.05 | 21832.71 | 2052.441 | 4665.560 |
| #2 | 3205.009 | 75958.35 | 22189.13 | 2042.750 | 4674.095 |
| #3 | 3191.619 | 76726.39 | 22001.67 | 2049.668 | 4639.264 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV05 Acquired: 5/5/2025 18:43:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.987843 | 4.765885 | 4.858772 | 5.066439 | 5.047070 | 9.588827 | 9.565281 |
| Stddev | .000432 | .109159 | .027985 | .027048 | .019691 | .006361 | .116129 |
| %RSD | .0086579 | 2.290433 | .5759698 | .5338679 | .3901434 | .0663354 | 1.214072 |
| #1 | 4.987783 | 4.803205 | 4.851343 | 5.071029 | 5.054174 | 9.593029 | 9.449040 |
| #2 | 4.988302 | 4.642959 | 4.835250 | 5.090899 | 5.062223 | 9.581509 | 9.681299 |
| #3 | 4.987444 | 4.851489 | 4.889722 | 5.037390 | 5.024813 | 9.591942 | 9.565506 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2351312 | 2.416607 | 23.51078 | .9701509 | 2.412435 | 1.233437 | 4.980956 |
| Stddev | .0028258 | .014711 | .03766 | .0025035 | .008804 | .002491 | .053865 |
| %RSD | 1.201814 | .6087434 | .1601624 | .2580561 | .3649478 | .2019877 | 1.081412 |
| #1 | .2375789 | 2.412588 | 23.55278 | .9709347 | 2.408690 | 1.231956 | 4.942004 |
| #2 | .2357760 | 2.404323 | 23.49953 | .9721687 | 2.406123 | 1.236314 | 4.958439 |
| #3 | .2320387 | 2.432910 | 23.48004 | .9673492 | 2.422493 | 1.232043 | 5.042426 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.335594 | 23.33343 | 2.431611 | 1.223064 | 24.77407 | 2.394164 | 2.471045 |
| Stddev | .003670 | .09816 | .010858 | .001332 | .36734 | .002988 | .003088 |
| %RSD | .1571372 | .4206821 | .4465374 | .1089154 | 1.482747 | .1248088 | .1249854 |
| #1 | 2.338291 | 23.44178 | 2.428611 | 1.221532 | 24.47526 | 2.395276 | 2.470393 |
| #2 | 2.331415 | 23.30807 | 2.422568 | 1.223946 | 24.66277 | 2.390780 | 2.468334 |
| #3 | 2.337076 | 23.25044 | 2.443654 | 1.223714 | 25.18419 | 2.396437 | 2.474407 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.47724 | 4.741397 | 4.969863 | 4.842234 | 4.761678 | 4.883111 | 4.787987 |
| Stddev | .30273 | .052205 | .005496 | .034694 | .015296 | .072353 | .035155 |
| %RSD | 1.236768 | 1.101056 | .1105773 | .7164976 | .3212414 | 1.481696 | .7342310 |
| #1 | 24.26080 | 4.788398 | 4.973225 | 4.837419 | 4.762814 | 4.811047 | 4.788456 |
| #2 | 24.34774 | 4.750587 | 4.963521 | 4.810199 | 4.745845 | 4.882537 | 4.752601 |
| #3 | 24.82318 | 4.685207 | 4.972843 | 4.879085 | 4.776375 | 4.955749 | 4.822906 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV05 Acquired: 5/5/2025 18:43:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.840821 | 4.752575 | 4.786216 |
| Stddev | .018113 | .030662 | .070024 |
| %RSD | .3741733 | .6451729 | 1.463035 |
| | | | |
| #1 | 4.838629 | 4.747592 | 4.730458 |
| #2 | 4.823903 | 4.724710 | 4.864806 |
| #3 | 4.859930 | 4.785424 | 4.763383 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2988.778 | 72589.78 | 21236.40 | 1910.619 | 4592.256 |
| Stddev | 10.313 | 310.82 | 202.08 | 12.871 | 28.816 |
| %RSD | .3450736 | .4281937 | .9515842 | .6736815 | .6274955 |
| | | | | | |
| #1 | 2996.193 | 72946.43 | 21093.66 | 1924.451 | 4604.833 |
| #2 | 2993.140 | 72376.69 | 21147.92 | 1908.411 | 4612.645 |
| #3 | 2977.000 | 72446.21 | 21467.63 | 1898.994 | 4559.289 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB05 Acquired: 5/5/2025 18:47:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0017269 | .0020115 | .0003455 | .0025021 | .0002648 | .0090795 | -.002591 |
| Stddev | .0023374 | .0006479 | .0020190 | .0043643 | .0017218 | .0049385 | .001041 |
| %RSD | 135.3537 | 32.21051 | 584.3899 | 174.4263 | 650.3735 | 54.39231 | 40.16406 |
| #1 | -.000799 | .0025607 | -.001837 | -.001798 | .0004963 | .0081032 | -.003763 |
| #2 | .002165 | .0021767 | .002147 | .006928 | .0018591 | .0144332 | -.001777 |
| #3 | .003814 | .0012969 | .000727 | .002376 | -.001561 | .0047020 | -.002233 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000187 | .0003373 | .0187742 | .0002736 | .0003508 | .0008225 | .0028653 |
| Stddev | .0000353 | .0000461 | .0022310 | .0003217 | .0001910 | .0001295 | .0029613 |
| %RSD | 188.3941 | 13.66364 | 11.88313 | 117.5938 | 54.44759 | 15.74410 | 103.3511 |
| #1 | .0000481 | .0003015 | .0176679 | .0003328 | .0005714 | .0009712 | .0003581 |
| #2 | .0000284 | .0003893 | .0213421 | .0005616 | .0002371 | .0007611 | .0021052 |
| #3 | -.000020 | .0003210 | .0173125 | -.000074 | .0002440 | .0007350 | .0061326 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009715 | .0157253 | .0005634 | .0002002 | -.023095 | -.000697 | .0028978 |
| Stddev | .0003494 | .0054849 | .0002390 | .0003232 | .002067 | .001228 | .0001256 |
| %RSD | 35.96990 | 34.87986 | 42.42487 | 161.4477 | 8.950536 | 176.1613 | 4.335314 |
| #1 | .0010452 | .0220558 | .0007451 | .0004775 | -.025132 | .000002 | .0029012 |
| #2 | .0012782 | .0123943 | .0006526 | .0002777 | -.023155 | .000022 | .0027705 |
| #3 | .0005911 | .0127256 | .0002926 | -.000155 | -.020999 | -.002115 | .0030217 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.009882 | .0070108 | .0016768 | .0081226 | .0011251 | -.004045 | .0018806 |
| Stddev | .037507 | .0002116 | .0003080 | .0005655 | .0003541 | .011268 | .0010813 |
| %RSD | 379.5281 | 3.018801 | 18.36755 | 6.961731 | 31.46841 | 278.6011 | 57.50016 |
| #1 | .032419 | .0070458 | .0015923 | .0086889 | .0010543 | .008685 | .0007283 |
| #2 | -.022987 | .0072028 | .0020182 | .0081210 | .0008117 | -.008076 | .0028732 |
| #3 | -.039079 | .0067839 | .0014198 | .0075580 | .0015092 | -.012743 | .0020401 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB05 Acquired: 5/5/2025 18:47:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0051201 | .0009863 | .0008708 |
| Stddev | .0042486 | .0006518 | .0000222 |
| %RSD | 82.97841 | 66.08492 | 2.543743 |
| | | | |
| #1 | .0045552 | .0015403 | .0008536 |
| #2 | .0011823 | .0011506 | .0008958 |
| #3 | .0096230 | .0002681 | .0008629 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3071.244 | 74575.11 | 20860.64 | 2032.133 | 4896.766 |
| Stddev | 4.678 | 179.70 | 20.41 | 5.424 | 4.691 |
| %RSD | .1523164 | .2409595 | .0978632 | .2669323 | .0958003 |
| | | | | | |
| #1 | 3065.928 | 74391.34 | 20845.58 | 2026.255 | 4892.862 |
| #2 | 3074.729 | 74750.43 | 20852.46 | 2036.946 | 4895.467 |
| #3 | 3073.077 | 74583.55 | 20883.87 | 2033.198 | 4901.971 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-01 Acquired: 5/5/2025 18:52:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0291361 | .0022194 | .0716484 | -.042820 | -.009367 | 114.8125 | .4989778 |
| Stddev | .0035104 | .0012805 | .0023306 | .004096 | .001695 | .1131 | .0013894 |
| %RSD | 12.04813 | 57.69714 | 3.252845 | 9.566430 | 18.09451 | .0984669 | .2784539 |
| #1 | .0267889 | .0007516 | .0736571 | -.047469 | -.009949 | 114.7360 | .4993716 |
| #2 | .0331716 | .0027985 | .0721949 | -.041247 | -.007458 | 114.7591 | .4974339 |
| #3 | .0274478 | .0031079 | .0690930 | -.039743 | -.010694 | 114.9424 | .5001278 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069759 | -.004522 | 36.21444 | .2290896 | .1514688 | .2130102 | 252.4910 |
| Stddev | .0000667 | .000204 | .03666 | .0005020 | .0006823 | .0015277 | 1.2588 |
| %RSD | .9558161 | 4.518335 | .1012323 | .2191499 | .4504500 | .7171998 | .4985478 |
| #1 | .0069404 | -.004757 | 36.24377 | .2288071 | .1511173 | .2112561 | 253.9301 |
| #2 | .0069346 | -.004419 | 36.17334 | .2287926 | .1522551 | .2137252 | 251.9481 |
| #3 | .0070529 | -.004390 | 36.22620 | .2296693 | .1510339 | .2140493 | 251.5947 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.441706 | 47.51491 | .2337194 | .0028034 | 2.542110 | .4169818 | .8940389 |
| Stddev | .011545 | .11142 | .0005614 | .0000533 | .010297 | .0007370 | .0043523 |
| %RSD | .2599121 | .2344857 | .2402188 | 1.901258 | .4050569 | .1767425 | .4868165 |
| #1 | 4.443341 | 47.64356 | .2340697 | .0027734 | 2.552954 | .4161371 | .8968012 |
| #2 | 4.429431 | 47.45085 | .2340167 | .0028649 | 2.540910 | .4173142 | .8962937 |
| #3 | 4.452346 | 47.45033 | .2330718 | .0027719 | 2.532466 | .4174940 | .8890218 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.244878 | .8160013 | .0032504 | -.006802 | 6.342381 | 2.524768 | 5.819617 |
| Stddev | .035580 | .0052007 | .0003692 | .000857 | .008399 | .009441 | .008942 |
| %RSD | .5697492 | .6373387 | 11.35956 | 12.60293 | .1324248 | .3739328 | .1536560 |
| #1 | 6.283461 | .8218869 | .0033414 | -.007714 | 6.349505 | 2.533815 | 5.828675 |
| #2 | 6.237810 | .8140916 | .0028442 | -.006679 | 6.333120 | 2.514977 | 5.810795 |
| #3 | 6.213362 | .8120255 | .0035656 | -.006013 | 6.344519 | 2.525514 | 5.819381 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-01 Acquired: 5/5/2025 18:52:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 6.894238 | .2081365 | -.139512 |
| Stddev | .008265 | .0008309 | .001307 |
| %RSD | .1198810 | .3991954 | .9369388 |
| | | | |
| #1 | 6.885255 | .2090674 | -.140877 |
| #2 | 6.895938 | .2074700 | -.139387 |
| #3 | 6.901520 | .2078722 | -.138271 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3371.907 | 81965.26 | 24096.94 | 2218.414 | 4525.862 |
| Stddev | 6.516 | 231.52 | 68.90 | 16.586 | 1.606 |
| %RSD | .1932381 | .2824560 | .2859254 | .7476610 | .0354920 |
| | | | | | |
| #1 | 3377.816 | 81698.64 | 24123.36 | 2199.369 | 4526.813 |
| #2 | 3372.986 | 82115.46 | 24148.73 | 2226.189 | 4526.766 |
| #3 | 3364.919 | 82081.68 | 24018.74 | 2229.685 | 4524.007 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-03 Acquired: 5/5/2025 18:56:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0318230 | -.008033 | .0708304 | -.047396 | -.009144 | 123.3726 | .5112651 |
| Stddev | .0050079 | .003201 | .0016148 | .000790 | .001819 | .2148 | .0015418 |
| %RSD | 15.73680 | 39.84377 | 2.279851 | 1.667058 | 19.89742 | .1740684 | .3015603 |
| #1 | .0286891 | -.011717 | .0697245 | -.048182 | -.007088 | 123.3126 | .5105741 |
| #2 | .0375987 | -.006442 | .0726835 | -.047406 | -.010545 | 123.1941 | .5101898 |
| #3 | .0291813 | -.005939 | .0700833 | -.046602 | -.009800 | 123.6109 | .5130315 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0070708 | -.000711 | 93.40593 | .2715613 | .1644344 | .4982737 | 281.8469 |
| Stddev | .0000332 | .000329 | .14239 | .0002247 | .0002422 | .0030174 | .4595 |
| %RSD | .4701568 | 46.30825 | .1524405 | .0827500 | .1472795 | .6055771 | .1630282 |
| #1 | .0070625 | -.001081 | 93.39797 | .2713524 | .1644493 | .4958278 | 282.3229 |
| #2 | .0071074 | -.000603 | 93.26769 | .2717990 | .1646688 | .4973478 | 281.8119 |
| #3 | .0070424 | -.000450 | 93.55214 | .2715325 | .1641851 | .5016456 | 281.4059 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.825985 | 54.58295 | .2703872 | .0042692 | 2.485001 | .4992291 | .7857446 |
| Stddev | .008739 | .10114 | .0002609 | .0003150 | .005280 | .0008496 | .0016396 |
| %RSD | .1810846 | .1852994 | .0964940 | 7.378729 | .2124547 | .1701718 | .2086720 |
| #1 | 4.831244 | 54.65829 | .2701677 | .0044729 | 2.487068 | .4997701 | .7855466 |
| #2 | 4.815897 | 54.46799 | .2706757 | .0039063 | 2.479001 | .4996672 | .7874742 |
| #3 | 4.830815 | 54.62256 | .2703184 | .0044283 | 2.488935 | .4982499 | .7842129 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.233502 | .9246146 | .0030340 | -.010645 | 8.464101 | 3.330966 | 6.399567 |
| Stddev | .003426 | .0029648 | .0003419 | .001543 | .014592 | .016626 | .015866 |
| %RSD | .0473636 | .3206498 | 11.26851 | 14.49698 | .1723960 | .4991433 | .2479201 |
| #1 | 7.231106 | .9269685 | .0029629 | -.012384 | 8.460265 | 3.313051 | 6.412792 |
| #2 | 7.237426 | .9255902 | .0034059 | -.009438 | 8.451810 | 3.333948 | 6.403935 |
| #3 | 7.231974 | .9212849 | .0027333 | -.010112 | 8.480227 | 3.345900 | 6.381975 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-03 Acquired: 5/5/2025 18:56:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.306764 | .2213929 | -.152601 |
| Stddev | .016322 | .0008695 | .000559 |
| %RSD | .3075778 | .3927496 | .3664936 |
| | | | |
| #1 | 5.290240 | .2206442 | -.153145 |
| #2 | 5.307176 | .2211878 | -.152631 |
| #3 | 5.322877 | .2223466 | -.152027 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3513.425 | 86725.63 | 26792.75 | 2309.102 | 4418.196 |
| Stddev | 15.645 | 79.20 | 56.56 | 11.968 | 16.734 |
| %RSD | .4452898 | .0913203 | .2110975 | .5183011 | .3787467 |
| | | | | | |
| #1 | 3528.226 | 86787.89 | 26828.62 | 2319.753 | 4435.249 |
| #2 | 3514.994 | 86636.49 | 26822.08 | 2296.151 | 4417.539 |
| #3 | 3497.054 | 86752.51 | 26727.55 | 2311.402 | 4401.800 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-05 Acquired: 5/5/2025 19:00:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0287746 | -.003524 | .0605944 | -.036099 | -.007899 | 105.2793 | .5793339 |
| Stddev | .0045984 | .003870 | .0019639 | .002999 | .001663 | .0830 | .0005607 |
| %RSD | 15.98062 | 109.8089 | 3.241107 | 8.308210 | 21.05080 | .0788213 | .0967790 |
| #1 | .0340453 | -.000954 | .0592898 | -.039288 | -.009795 | 105.3741 | .5795541 |
| #2 | .0266963 | -.001643 | .0596402 | -.035675 | -.007215 | 105.2444 | .5786965 |
| #3 | .0255823 | -.007975 | .0628531 | -.033335 | -.006687 | 105.2195 | .5797510 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0062438 | -.004242 | 32.59487 | .2914097 | .1429456 | .2364903 | 260.7527 |
| Stddev | .0000279 | .000225 | .07244 | .0001985 | .0010884 | .0027895 | 1.0251 |
| %RSD | .4464879 | 5.297772 | .2222329 | .0681042 | .7613936 | 1.179531 | .3931180 |
| #1 | .0062506 | -.004372 | 32.57826 | .2912896 | .1417569 | .2338267 | 260.3722 |
| #2 | .0062676 | -.003983 | 32.53217 | .2913006 | .1431867 | .2393906 | 259.9723 |
| #3 | .0062131 | -.004372 | 32.67416 | .2916387 | .1438932 | .2362537 | 261.9136 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.915324 | 44.28730 | .2233179 | .0047509 | 4.547087 | .4803691 | 2.924372 |
| Stddev | .009562 | .18648 | .0007437 | .0000984 | .013018 | .0013292 | .020670 |
| %RSD | .1945416 | .4210705 | .3330292 | 2.070823 | .2862919 | .2767091 | .7068251 |
| #1 | 4.911081 | 44.36601 | .2225713 | .0047350 | 4.541578 | .4796926 | 2.930937 |
| #2 | 4.908617 | 44.07437 | .2233237 | .0046615 | 4.537730 | .4795141 | 2.901217 |
| #3 | 4.926274 | 44.42152 | .2240587 | .0048563 | 4.561954 | .4819004 | 2.940963 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.664769 | .8630572 | .0005313 | -.006576 | 5.763847 | 2.020697 | 6.754907 |
| Stddev | .045537 | .0028084 | .0001926 | .000231 | .005026 | .001654 | .017523 |
| %RSD | .8038590 | .3253975 | 36.24546 | 3.520380 | .0872032 | .0818671 | .2594143 |
| #1 | 5.624830 | .8610212 | .0005185 | -.006840 | 5.758249 | 2.019621 | 6.740489 |
| #2 | 5.655119 | .8618893 | .0003454 | -.006408 | 5.767973 | 2.019869 | 6.774411 |
| #3 | 5.714357 | .8662611 | .0007299 | -.006481 | 5.765320 | 2.022602 | 6.749823 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-05 Acquired: 5/5/2025 19:00:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .8225060 | .2228710 | -.155849 |
| Stddev | .0130368 | .0005054 | .000914 |
| %RSD | 1.585008 | .2267882 | .5862543 |
| | | | |
| #1 | .8076313 | .2223035 | -.155561 |
| #2 | .8319471 | .2232728 | -.155114 |
| #3 | .8279396 | .2230367 | -.156872 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3376.516 | 83133.23 | 26490.61 | 2207.638 | 4485.758 |
| Stddev | 11.714 | 264.14 | 80.85 | 7.769 | 13.582 |
| %RSD | .3469181 | .3177305 | .3051995 | .3518926 | .3027781 |
| | | | | | |
| #1 | 3389.788 | 82977.06 | 26422.63 | 2209.839 | 4498.929 |
| #2 | 3367.624 | 83438.20 | 26580.02 | 2214.069 | 4471.799 |
| #3 | 3372.134 | 82984.42 | 26469.20 | 2199.007 | 4486.547 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-07 Acquired: 5/5/2025 19:04:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0357031 | .0003696 | .0890104 | -.033741 | -.002297 | 95.55067 | .6791870 |
| Stddev | .0007623 | .0021322 | .0011577 | .001111 | .003234 | .45047 | .0029164 |
| %RSD | 2.135024 | 576.9563 | 1.300687 | 3.291389 | 140.7657 | .4714410 | .4293897 |
| #1 | .0349503 | .0012924 | .0893167 | -.034412 | .001182 | 95.13376 | .6772152 |
| #2 | .0356845 | .0018848 | .0877303 | -.032459 | -.002863 | 95.48976 | .6778087 |
| #3 | .0364745 | -.002069 | .0899842 | -.034352 | -.005211 | 96.02849 | .6825370 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0072422 | -.002856 | 45.23147 | .1931904 | .1094052 | .1739784 | 213.8042 |
| Stddev | .0000814 | .000051 | .18644 | .0010249 | .0006668 | .0012913 | .6585 |
| %RSD | 1.124185 | 1.798181 | .4121958 | .5305287 | .6095171 | .7422240 | .3080070 |
| #1 | .0073345 | -.002915 | 45.09024 | .1935098 | .1088641 | .1725539 | 213.0944 |
| #2 | .0071806 | -.002835 | 45.16136 | .1940176 | .1092014 | .1743093 | 213.9230 |
| #3 | .0072115 | -.002819 | 45.44280 | .1920438 | .1101502 | .1750721 | 214.3953 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.640878 | 43.94150 | .1816651 | .0027086 | 1.584850 | .3606626 | .8393683 |
| Stddev | .011855 | .12390 | .0011505 | .0002303 | .008380 | .0010190 | .0014005 |
| %RSD | .3256019 | .2819631 | .6332987 | 8.501123 | .5287704 | .2825360 | .1668558 |
| #1 | 3.633179 | 43.81336 | .1803377 | .0026785 | 1.575207 | .3607892 | .8377627 |
| #2 | 3.634925 | 43.95047 | .1823764 | .0024949 | 1.590371 | .3595862 | .8400035 |
| #3 | 3.654529 | 44.06067 | .1822811 | .0029525 | 1.588971 | .3616124 | .8403386 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.306124 | .7063663 | .0036973 | -.001455 | 3.919807 | 3.518821 | 5.519374 |
| Stddev | .031759 | .0024914 | .0002586 | .000674 | .016562 | .017227 | .036944 |
| %RSD | .5036164 | .3527119 | 6.995242 | 46.36320 | .4225133 | .4895612 | .6693508 |
| #1 | 6.282417 | .7037703 | .0035316 | -.002209 | 3.909679 | 3.503019 | 5.478437 |
| #2 | 6.293747 | .7065908 | .0039953 | -.000909 | 3.910822 | 3.516258 | 5.529451 |
| #3 | 6.342208 | .7087380 | .0035649 | -.001246 | 3.938919 | 3.537186 | 5.550235 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-07 Acquired: 5/5/2025 19:04:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 1.375020 | .1845543 | -.092243 |
| Stddev | .017766 | .0016371 | .000478 |
| %RSD | 1.292068 | .8870784 | .5184660 |
| | | | |
| #1 | 1.357156 | .1826640 | -.091748 |
| #2 | 1.375216 | .1854795 | -.092703 |
| #3 | 1.392687 | .1855194 | -.092277 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3284.125 | 80756.77 | 24415.97 | 2139.515 | 4468.621 |
| Stddev | 7.248 | 130.10 | 16.18 | 5.863 | 17.177 |
| %RSD | .2206898 | .1611020 | .0662487 | .2740166 | .3843850 |
| | | | | | |
| #1 | 3291.178 | 80786.01 | 24406.92 | 2146.269 | 4487.983 |
| #2 | 3284.501 | 80614.53 | 24434.65 | 2135.740 | 4462.667 |
| #3 | 3276.697 | 80869.76 | 24406.35 | 2136.537 | 4455.214 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01 Acquired: 5/5/2025 19:08:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0316557 | -.001137 | .1104982 | -.042543 | -.008021 | 98.96881 | .5093670 |
| Stddev | .0026788 | .001848 | .0022858 | .001062 | .000214 | .10577 | .0014314 |
| %RSD | 8.462424 | 162.5247 | 2.068611 | 2.496634 | 2.663267 | .1068714 | .2810159 |
| #1 | .0326680 | -.000916 | .1081554 | -.041322 | -.008041 | 98.85927 | .5089646 |
| #2 | .0336809 | .000590 | .1106168 | -.043252 | -.007797 | 98.97681 | .5109565 |
| #3 | .0286183 | -.003085 | .1127224 | -.043056 | -.008223 | 99.07035 | .5081798 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056448 | -.003667 | 51.91467 | .3113778 | .1574236 | .6920208 | 267.5561 |
| Stddev | .0000151 | .000250 | .23523 | .0001142 | .0019077 | .0075615 | .6384 |
| %RSD | .2672442 | 6.820284 | .4531174 | .0366657 | 1.211850 | 1.092671 | .2386010 |
| #1 | .0056507 | -.003806 | 52.10912 | .3114951 | .1568603 | .6870715 | 266.8306 |
| #2 | .0056561 | -.003817 | 51.98170 | .3112670 | .1558610 | .6882660 | 268.0321 |
| #3 | .0056277 | -.003378 | 51.65320 | .3113712 | .1595496 | .7007248 | 267.8056 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.140153 | 60.68527 | .2851105 | .0043690 | 2.689566 | .3718600 | .4240361 |
| Stddev | .010930 | .29929 | .0022878 | .0003105 | .019350 | .0015330 | .0014309 |
| %RSD | .3480671 | .4931855 | .8024308 | 7.107671 | .7194364 | .4122415 | .3374556 |
| #1 | 3.144097 | 60.95936 | .2843327 | .0040427 | 2.671821 | .3706243 | .4256561 |
| #2 | 3.148564 | 60.73052 | .2833130 | .0046609 | 2.686680 | .3735755 | .4235075 |
| #3 | 3.127799 | 60.36593 | .2876858 | .0044035 | 2.710196 | .3713803 | .4229446 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 29.88256 | .8626536 | .0272768 | -.006817 | 7.505093 | 4.008978 | 12.29864 |
| Stddev | .17447 | .0024282 | .0003183 | .002035 | .016569 | .020250 | .10795 |
| %RSD | .5838535 | .2814848 | 1.166749 | 29.84764 | .2207649 | .5051255 | .8777463 |
| #1 | 29.68962 | .8598794 | .0269531 | -.008979 | 7.503241 | 4.000348 | 12.29353 |
| #2 | 29.92882 | .8636884 | .0275893 | -.004940 | 7.522510 | 3.994472 | 12.19334 |
| #3 | 30.02924 | .8643930 | .0272881 | -.006532 | 7.489529 | 4.032114 | 12.40906 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01 Acquired: 5/5/2025 19:08:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 21.68607 | .2515048 | -.144314 |
| Stddev | .22953 | .0015813 | .000376 |
| %RSD | 1.058399 | .6287377 | .2604861 |
| | | | |
| #1 | 21.60048 | .2496797 | -.143912 |
| #2 | 21.51163 | .2523689 | -.144374 |
| #3 | 21.94609 | .2524658 | -.144656 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3379.152 | 83844.32 | 26623.47 | 2217.701 | 4449.091 |
| Stddev | 23.276 | 172.31 | 140.61 | 7.962 | 36.337 |
| %RSD | .6888106 | .2055128 | .5281577 | .3590334 | .8167200 |
| | | | | | |
| #1 | 3399.168 | 83824.00 | 26471.60 | 2215.428 | 4475.846 |
| #2 | 3384.677 | 84025.90 | 26649.65 | 2226.553 | 4463.705 |
| #3 | 3353.611 | 83683.08 | 26749.15 | 2211.123 | 4407.723 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01DUP Acquired: 5/5/2025 19:12:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0475009 | -.005771 | .0755190 | -.039105 | -.006762 | 99.01285 | .6655184 |
| Stddev | .0024982 | .003359 | .0016943 | .000562 | .003422 | .13077 | .0016382 |
| %RSD | 5.259168 | 58.19795 | 2.243517 | 1.437203 | 50.60739 | .1320730 | .2461559 |
| #1 | .0446340 | -.004912 | .0736271 | -.038502 | -.010713 | 98.93384 | .6643467 |
| #2 | .0492109 | -.009476 | .0760337 | -.039199 | -.004801 | 98.94091 | .6648181 |
| #3 | .0486579 | -.002925 | .0768964 | -.039614 | -.004771 | 99.16379 | .6673904 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0052653 | -.004594 | 49.42615 | .3332053 | .1288853 | .3551894 | 250.7527 |
| Stddev | .0000886 | .000018 | .07220 | .0001600 | .0003187 | .0009332 | .5260 |
| %RSD | 1.682324 | .3922487 | .1460680 | .0480074 | .2473033 | .2627262 | .2097866 |
| #1 | .0051695 | -.004574 | 49.41425 | .3330500 | .1291976 | .3562665 | 250.1978 |
| #2 | .0052822 | -.004610 | 49.50356 | .3331964 | .1288978 | .3546266 | 251.2441 |
| #3 | .0053442 | -.004596 | 49.36065 | .3333695 | .1285605 | .3546749 | 250.8163 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.728615 | 61.66085 | .2413974 | .0048715 | 2.842247 | .4064168 | .4073671 |
| Stddev | .002438 | .11489 | .0005774 | .0003317 | .009111 | .0021029 | .0012311 |
| %RSD | .0893335 | .1863266 | .2392103 | 6.808689 | .3205604 | .5174226 | .3022019 |
| #1 | 2.728881 | 61.64357 | .2420463 | .0046809 | 2.831752 | .4067067 | .4087263 |
| #2 | 2.730909 | 61.78341 | .2412059 | .0052545 | 2.846861 | .4083597 | .4070483 |
| #3 | 2.726055 | 61.55559 | .2409400 | .0046790 | 2.848128 | .4041840 | .4063268 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 36.00284 | .8214003 | .0061269 | -.000671 | 9.159067 | 4.491919 | 13.27050 |
| Stddev | .16546 | .0018156 | .0001300 | .001776 | .015717 | .023700 | .02700 |
| %RSD | .4595669 | .2210345 | 2.121218 | 264.7564 | .1716047 | .5276153 | .2034349 |
| #1 | 35.84175 | .8203690 | .0062221 | .001138 | 9.141009 | 4.480560 | 13.29109 |
| #2 | 35.99442 | .8234967 | .0059788 | -.000737 | 9.169663 | 4.476037 | 13.28047 |
| #3 | 36.17235 | .8203353 | .0061797 | -.002413 | 9.166530 | 4.519161 | 13.23993 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01DUP Acquired: 5/5/2025 19:12:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 11.04015 | .2480171 | -.155530 |
| Stddev | .01609 | .0006228 | .000402 |
| %RSD | .1457433 | .2511047 | .2583550 |
| | | | |
| #1 | 11.02187 | .2473273 | -.155144 |
| #2 | 11.05217 | .2481859 | -.155946 |
| #3 | 11.04640 | .2485381 | -.155501 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3437.397 | 84493.19 | 27106.95 | 2263.510 | 4512.311 |
| Stddev | 4.108 | 187.43 | 102.82 | 4.683 | 9.169 |
| %RSD | .1194976 | .2218268 | .3793234 | .2068746 | .2031973 |
| | | | | | |
| #1 | 3438.254 | 84531.19 | 27063.04 | 2263.390 | 4507.155 |
| #2 | 3441.008 | 84289.67 | 27033.37 | 2258.888 | 4506.882 |
| #3 | 3432.928 | 84658.70 | 27224.44 | 2268.251 | 4522.897 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01LX5 Acquired: 5/5/2025 19:16:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0067635 | .0000085 | .0192956 | -.006540 | -.002519 | 21.51740 | .1060825 |
| Stddev | .0026831 | .0007566 | .0010055 | .002064 | .001035 | .10659 | .0007097 |
| %RSD | 39.67031 | 8910.965 | 5.210903 | 31.56133 | 41.08661 | .4953895 | .6689821 |
| #1 | .0038547 | .0006415 | .0196158 | -.006544 | -.002125 | 21.39979 | .1057136 |
| #2 | .0091417 | .0002134 | .0201019 | -.008602 | -.001740 | 21.54477 | .1056332 |
| #3 | .0072942 | -.000829 | .0181690 | -.004474 | -.003694 | 21.60764 | .1069006 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0013569 | -.002830 | 11.71323 | .0703152 | .0303015 | .1569924 | 57.92706 |
| Stddev | .0000185 | .000065 | .04716 | .0005380 | .0001408 | .0005252 | .68333 |
| %RSD | 1.365330 | 2.285009 | .4026054 | .7651083 | .4645568 | .3345157 | 1.179646 |
| #1 | .0013504 | -.002887 | 11.66557 | .0701726 | .0301604 | .1569936 | 58.07805 |
| #2 | .0013778 | -.002760 | 11.71424 | .0698629 | .0303020 | .1575170 | 57.18086 |
| #3 | .0013425 | -.002843 | 11.75987 | .0709101 | .0304420 | .1564666 | 58.52228 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7128238 | 13.41344 | .0568360 | .0000999 | .5038455 | .0849344 | .0915007 |
| Stddev | .0014466 | .02375 | .0000990 | .0001708 | .0124134 | .0001723 | .0004584 |
| %RSD | .2029350 | .1770681 | .1742343 | 170.9249 | 2.463724 | .2029037 | .5009744 |
| #1 | .7119353 | 13.38873 | .0568106 | .0001504 | .5065522 | .0850546 | .0920300 |
| #2 | .7120432 | 13.41549 | .0569452 | -.000090 | .4903021 | .0847370 | .0912337 |
| #3 | .7144930 | 13.43610 | .0567521 | .000240 | .5146822 | .0850116 | .0912383 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.044532 | .1853466 | .0053951 | -.002908 | 1.722033 | 1.275204 | 2.456097 |
| Stddev | .067009 | .0034734 | .0001700 | .000419 | .007462 | .006050 | .007919 |
| %RSD | 1.108581 | 1.874011 | 3.150834 | 14.39877 | .4333020 | .4744688 | .3224030 |
| #1 | 6.036545 | .1862939 | .0054495 | -.002841 | 1.717937 | 1.273778 | 2.455730 |
| #2 | 5.981875 | .1814978 | .0055312 | -.002527 | 1.717517 | 1.269995 | 2.448368 |
| #3 | 6.115176 | .1882481 | .0052045 | -.003356 | 1.730646 | 1.281841 | 2.464193 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01LX5 Acquired: 5/5/2025 19:16:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 4.106025 | .0549031 | -.030909 |
| Stddev | .016303 | .0004397 | .000659 |
| %RSD | .3970477 | .8008801 | 2.132676 |
| | | | |
| #1 | 4.103336 | .0550212 | -.031188 |
| #2 | 4.091234 | .0552718 | -.030156 |
| #3 | 4.123505 | .0544164 | -.031383 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3150.242 | 77632.44 | 23470.47 | 2078.352 | 4745.173 |
| Stddev | 13.486 | 483.48 | 57.60 | 15.543 | 19.443 |
| %RSD | .4281012 | .6227867 | .2454186 | .7478510 | .4097384 |
| | | | | | |
| #1 | 3151.084 | 77618.91 | 23526.89 | 2064.130 | 4752.827 |
| #2 | 3163.286 | 78122.55 | 23411.75 | 2094.944 | 4759.625 |
| #3 | 3136.354 | 77155.87 | 23472.77 | 2075.982 | 4723.069 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01MS Acquired: 5/5/2025 19:20:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6965482 | 1.805733 | 1.016846 | 1.585840 | .3006326 | 104.5096 | .6688486 |
| Stddev | .0016140 | .019448 | .002331 | .000767 | .0010930 | .0509 | .0014570 |
| %RSD | .2317121 | 1.077042 | .2292717 | .0483485 | .3635512 | .0487268 | .2178435 |
| #1 | .6947638 | 1.819522 | 1.019226 | 1.586443 | .2997784 | 104.4602 | .6675562 |
| #2 | .6969748 | 1.814189 | 1.014567 | 1.584977 | .3002552 | 104.5068 | .6685621 |
| #3 | .6979060 | 1.783487 | 1.016744 | 1.586099 | .3018643 | 104.5619 | .6704277 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1608788 | .1897227 | 49.46614 | .6541061 | .3433432 | .8898265 | 251.7290 |
| Stddev | .0009105 | .0002192 | .12994 | .0005810 | .0000470 | .0022784 | .3649 |
| %RSD | .5659867 | .1155253 | .2626916 | .0888255 | .0137014 | .2560526 | .1449466 |
| #1 | .1598860 | .1895994 | 49.34324 | .6535592 | .3433611 | .8880010 | 252.1448 |
| #2 | .1616749 | .1899758 | 49.60214 | .6547161 | .3433787 | .8890986 | 251.4622 |
| #3 | .1610755 | .1895930 | 49.45303 | .6540431 | .3432898 | .8923799 | 251.5801 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.693860 | 63.48618 | .8016199 | .0656080 | 4.968478 | .6172819 | .5593388 |
| Stddev | .005276 | .14576 | .0006718 | .0005033 | .014984 | .0012270 | .0006007 |
| %RSD | .1958556 | .2295892 | .0838115 | .7670746 | .3015809 | .1987796 | .1074007 |
| #1 | 2.690400 | 63.39127 | .8021998 | .0657758 | 4.985256 | .6161465 | .5586584 |
| #2 | 2.699933 | 63.65401 | .8017762 | .0660060 | 4.956427 | .6171156 | .5597959 |
| #3 | 2.691248 | 63.41326 | .8008837 | .0650423 | 4.963752 | .6185836 | .5595620 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 36.04941 | 1.008479 | .3446454 | .6680526 | 7.733069 | 5.076303 | 17.86596 |
| Stddev | .10528 | .002430 | .0004418 | .0012703 | .009187 | .009199 | .05322 |
| %RSD | .2920513 | .2409386 | .1281869 | .1901520 | .1188059 | .1812222 | .2978734 |
| #1 | 36.14836 | 1.010836 | .3447946 | .6694956 | 7.722569 | 5.071364 | 17.91031 |
| #2 | 35.93877 | 1.008618 | .3441483 | .6675591 | 7.739630 | 5.070628 | 17.88062 |
| #3 | 36.06109 | 1.005983 | .3449932 | .6671031 | 7.737009 | 5.086917 | 17.80695 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01MS Acquired: 5/5/2025 19:20:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 21.88919 | .4099049 | -.004784 |
| Stddev | .03127 | .0005789 | .000828 |
| %RSD | .1428670 | .1412360 | 17.31126 |
| | | | |
| #1 | 21.87938 | .4094944 | -.005721 |
| #2 | 21.92419 | .4096531 | -.004149 |
| #3 | 21.86399 | .4105670 | -.004483 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3349.403 | 80919.35 | 24364.77 | 2179.372 | 4333.341 |
| Stddev | 9.021 | 57.83 | 75.67 | 8.612 | 2.792 |
| %RSD | .2693182 | .0714657 | .3105778 | .3951592 | .0644373 |
| | | | | | |
| #1 | 3351.325 | 80853.39 | 24438.37 | 2169.853 | 4331.431 |
| #2 | 3357.308 | 80943.31 | 24287.19 | 2186.622 | 4336.546 |
| #3 | 3339.577 | 80961.36 | 24368.76 | 2181.641 | 4332.047 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01MSD Acquired: 5/5/2025 19:24:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7142956 | 1.816412 | 1.039993 | 1.626107 | .2799283 | 102.1460 |
| Stddev | .0034355 | .012188 | .003649 | .001653 | .0021801 | .1652 |
| %RSD | .4809564 | .6710142 | .3508327 | .1016347 | .7787887 | .1617404 |
| #1 | .7178105 | 1.818634 | 1.035933 | 1.624519 | .2774140 | 102.3338 |
| #2 | .7109455 | 1.827337 | 1.041049 | 1.627817 | .2812918 | 102.0232 |
| #3 | .7141308 | 1.803266 | 1.042997 | 1.625984 | .2810792 | 102.0809 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6709650 | .1531606 | .1908043 | 53.38495 | .6292693 | .3300882 |
| Stddev | .0019631 | .0002450 | .0003755 | .10387 | .0026832 | .0009731 |
| %RSD | .2925719 | .1599464 | .1967988 | .1945703 | .4263918 | .2948024 |
| #1 | .6726133 | .1533350 | .1903836 | 53.50413 | .6318459 | .3289709 |
| #2 | .6714883 | .1528805 | .1911057 | 53.33701 | .6264910 | .3307504 |
| #3 | .6687933 | .1532662 | .1909234 | 53.31371 | .6294710 | .3305432 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6464016 | 248.3954 | 2.865526 | 63.48986 | .7125008 | .0649022 |
| Stddev | .0018493 | .5238 | .001719 | .18358 | .0009946 | .0002062 |
| %RSD | .2860886 | .2108702 | .0599854 | .2891559 | .1395981 | .3177743 |
| #1 | .6447959 | 248.7964 | 2.865226 | 63.68253 | .7115206 | .0646932 |
| #2 | .6459853 | 247.8028 | 2.867376 | 63.31696 | .7124726 | .0649079 |
| #3 | .6484235 | 248.5871 | 2.863977 | 63.47009 | .7135093 | .0651055 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.554299 | .6076008 | .5741562 | 37.76739 | .9922484 | .4047100 |
| Stddev | .013620 | .0015071 | .0056638 | .02766 | .0020453 | .0005246 |
| %RSD | .2452187 | .2480437 | .9864489 | .0732430 | .2061310 | .1296326 |
| #1 | 5.563948 | .6091000 | .5791700 | 37.76720 | .9936087 | .4041096 |
| #2 | 5.538719 | .6076163 | .5680127 | 37.73983 | .9898962 | .4050801 |
| #3 | 5.560229 | .6060859 | .5752860 | 37.79515 | .9932402 | .4049403 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01MSD Acquired: 5/5/2025 19:24:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6625634 | 7.883264 | 4.695961 | F 19.33352 | 12.51173 | .4088080 |
| Stddev | .0011859 | .011110 | .014413 | .07790 | .01757 | .0026280 |
| %RSD | .1789891 | .1409286 | .3069191 | .4029493 | .1404603 | .6428416 |
| #1 | .6624763 | 7.895930 | 4.696015 | 19.28541 | 12.49161 | .4057736 |
| #2 | .6637905 | 7.875170 | 4.681521 | 19.42340 | 12.51949 | .4103528 |
| #3 | .6614234 | 7.878692 | 4.710346 | 19.29176 | 12.52408 | .4102976 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0161668 |
| Stddev | .0003729 |
| %RSD | 2.306524 |
| #1 | .0158735 |
| #2 | .0165864 |
| #3 | .0160403 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3337.534 | 82475.04 | 25583.96 | 2206.128 | 4276.456 |
| Stddev | 6.032 | 194.96 | 67.52 | 9.749 | 9.605 |
| %RSD | .1807202 | .2363814 | .2639212 | .4419085 | .2246106 |
| #1 | 3341.465 | 82252.07 | 25521.28 | 2196.963 | 4287.501 |
| #2 | 3340.547 | 82613.41 | 25575.15 | 2216.372 | 4271.804 |
| #3 | 3330.589 | 82559.63 | 25655.46 | 2205.050 | 4270.062 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01A Acquired: 5/5/2025 19:28:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6984069 | 1.765286 | 1.008734 | 1.620817 | .6744558 | 100.2642 | .6869350 |
| Stddev | .0003179 | .016693 | .003782 | .005188 | .0011910 | .2017 | .0007496 |
| %RSD | .0455158 | .9456265 | .3749153 | .3200617 | .1765865 | .2011649 | .1091259 |
| #1 | .6986640 | 1.771419 | 1.012544 | 1.623921 | .6746650 | 100.1419 | .6860747 |
| #2 | .6980515 | 1.746393 | 1.004981 | 1.614828 | .6731741 | 100.1537 | .6874476 |
| #3 | .6985053 | 1.778044 | 1.008676 | 1.623702 | .6755284 | 100.4970 | .6872829 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1530196 | .1813509 | 53.53890 | .6261018 | .3364891 | .9010000 | 272.0802 |
| Stddev | .0012756 | .0007692 | .12117 | .0005338 | .0009681 | .0043609 | 1.3908 |
| %RSD | .8336417 | .4241352 | .2263210 | .0852642 | .2876914 | .4840087 | .5111664 |
| #1 | .1544155 | .1818874 | 53.67849 | .6256723 | .3374245 | .9029213 | 270.4952 |
| #2 | .1527289 | .1804696 | 53.47730 | .6266995 | .3354914 | .8960083 | 273.0964 |
| #3 | .1519144 | .1816956 | 53.46090 | .6259336 | .3365514 | .9040703 | 272.6491 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.334790 | 63.23231 | .7372907 | .0670130 | 5.289010 | .6136192 | .5840061 |
| Stddev | .007876 | .18179 | .0022096 | .0001415 | .065505 | .0027527 | .0021749 |
| %RSD | .2361682 | .2875023 | .2996865 | .2112010 | 1.238517 | .4486023 | .3724090 |
| #1 | 3.339361 | 63.43025 | .7389718 | .0669116 | 5.218020 | .6167239 | .5853916 |
| #2 | 3.339314 | 63.19385 | .7347880 | .0669527 | 5.301894 | .6114769 | .5814994 |
| #3 | 3.325696 | 63.07282 | .7381122 | .0671747 | 5.347116 | .6126568 | .5851274 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 38.62740 | 1.098557 | .3650837 | .6488432 | 7.949768 | 6.899989 | 17.46354 |
| Stddev | .29068 | .005770 | .0009855 | .0040352 | .003763 | .064110 | .04468 |
| %RSD | .7525120 | .5251960 | .2699440 | .6218999 | .0473325 | .9291270 | .2558384 |
| #1 | 38.29662 | 1.091960 | .3646024 | .6496203 | 7.946096 | 6.826184 | 17.49187 |
| #2 | 38.74348 | 1.102657 | .3644313 | .6444760 | 7.949593 | 6.931927 | 17.41204 |
| #3 | 38.84210 | 1.101055 | .3662174 | .6524332 | 7.953615 | 6.941856 | 17.48672 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1933-01A Acquired: 5/5/2025 19:28:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 21.13860 | .4198660 | .0172296 |
| Stddev | .09850 | .0018247 | .0010640 |
| %RSD | .4659669 | .4345934 | 6.175384 |
| | | | |
| #1 | 21.14946 | .4178052 | .0184283 |
| #2 | 21.03513 | .4212765 | .0163969 |
| #3 | 21.23123 | .4205163 | .0168636 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3394.180 | 82108.31 | 25828.95 | 2201.769 | 4449.724 |
| Stddev | 10.903 | 179.54 | 141.14 | 2.446 | 11.504 |
| %RSD | .3212191 | .2186565 | .5464446 | .1111055 | .2585341 |
| | | | | | |
| #1 | 3393.555 | 82315.50 | 25666.27 | 2201.612 | 4445.158 |
| #2 | 3405.382 | 82010.85 | 25901.72 | 2204.290 | 4462.810 |
| #3 | 3383.603 | 81998.58 | 25918.86 | 2199.405 | 4441.203 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV06 Acquired: 5/5/2025 19:32:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.747002 | 4.619317 | 4.677481 | 4.796171 | 4.783110 | 9.209126 |
| Stddev | .049254 | .023016 | .008586 | .055667 | .056819 | .023685 |
| %RSD | 1.037587 | .4982493 | .1835647 | 1.160653 | 1.187913 | .2571951 |
| #1 | 4.746768 | 4.606166 | 4.684774 | 4.779046 | 4.765822 | 9.183301 |
| #2 | 4.697865 | 4.605892 | 4.679651 | 4.751078 | 4.736942 | 9.214241 |
| #3 | 4.796372 | 4.645893 | 4.668018 | 4.858388 | 4.846565 | 9.229836 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.675759 | F .2152132 | 2.341413 | 22.72496 | .9403937 | 2.332217 |
| Stddev | .256785 | .0033611 | .003544 | .10994 | .0007938 | .002447 |
| %RSD | 2.653896 | 1.561741 | .1513558 | .4838027 | .0844140 | .1049337 |
| #1 | 9.510288 | .2158864 | 2.344027 | 22.79963 | .9412759 | 2.334303 |
| #2 | 9.545413 | .2115665 | 2.342832 | 22.59871 | .9397371 | 2.329523 |
| #3 | 9.971573 | .2181867 | 2.337379 | 22.77654 | .9401680 | 2.332826 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.180974 | 5.029797 | 2.298056 | F 22.07553 | 2.358535 | 1.188249 |
| Stddev | .009323 | .063436 | .009696 | .17735 | .001775 | .000794 |
| %RSD | .7894450 | 1.261197 | .4219304 | .8033833 | .0752695 | .0668019 |
| #1 | 1.177912 | 4.994169 | 2.306167 | 22.09707 | 2.360423 | 1.188569 |
| #2 | 1.173568 | 5.103037 | 2.287317 | 21.88839 | 2.356899 | 1.188832 |
| #3 | 1.191444 | 4.992184 | 2.300683 | 22.24112 | 2.358283 | 1.187345 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.52437 | 2.337993 | 2.376504 | 25.60384 | F 4.356150 | 4.785959 |
| Stddev | .45508 | .001964 | .013081 | .40780 | .059348 | .030552 |
| %RSD | 1.782929 | .0839875 | .5504254 | 1.592740 | 1.362396 | .6383635 |
| #1 | 25.44226 | 2.339548 | 2.383382 | 25.51577 | 4.368817 | 4.781742 |
| #2 | 26.01492 | 2.338645 | 2.384710 | 26.04848 | 4.291491 | 4.757735 |
| #3 | 25.11594 | 2.335786 | 2.361419 | 25.24727 | 4.408142 | 4.818401 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV06 Acquired: 5/5/2025 19:32:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.678969 | 4.692296 | 4.987552 | 4.624508 | 4.655539 | 4.713686 |
| Stddev | .002470 | .006895 | .067323 | .014262 | .018674 | .018311 |
| %RSD | .0527798 | .1469480 | 1.349825 | .3083920 | .4011095 | .3884568 |
| #1 | 4.680070 | 4.686419 | 4.955520 | 4.639677 | 4.650739 | 4.714219 |
| #2 | 4.676141 | 4.690582 | 5.064911 | 4.611372 | 4.639733 | 4.731724 |
| #3 | 4.680697 | 4.699886 | 4.942226 | 4.622474 | 4.676144 | 4.695114 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.821673 |
| Stddev | .066520 |
| %RSD | 1.379602 |
| #1 | 4.762520 |
| #2 | 4.808816 |
| #3 | 4.893682 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3064.337 | 73055.14 | 22655.95 | 1983.040 | 4672.265 |
| Stddev | 10.396 | 326.55 | 270.82 | 11.621 | 23.215 |
| %RSD | .3392527 | .4469868 | 1.195379 | .5860232 | .4968729 |
| #1 | 3052.935 | 73010.96 | 22552.03 | 1979.069 | 4648.961 |
| #2 | 3073.290 | 72752.93 | 22963.35 | 1973.925 | 4672.443 |
| #3 | 3066.785 | 73401.52 | 22452.49 | 1996.126 | 4695.391 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB06 Acquired: 5/5/2025 19:37:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000295 | -.001590 | .0001273 | -.002184 | .0002021 | -.005223 | -.005951 |
| Stddev | .002992 | .001888 | .0007491 | .003702 | .0009557 | .003580 | .000098 |
| %RSD | 1014.638 | 118.7636 | 588.2291 | 169.5169 | 472.9288 | 68.54819 | 1.654025 |
| #1 | .002434 | -.001491 | -.000098 | .001995 | -.000688 | -.001857 | -.005876 |
| #2 | .000176 | -.003526 | .000963 | -.003495 | .001212 | -.008985 | -.005915 |
| #3 | -.003494 | .000247 | -.000483 | -.005052 | .000082 | -.004829 | -.006063 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000037 | -.000446 | .0032505 | .0003529 | -.000171 | -.000074 | -.008675 |
| Stddev | .000017 | .000067 | .0074289 | .0001493 | .000183 | .000327 | .005075 |
| %RSD | 45.16613 | 15.07139 | 228.5465 | 42.29491 | 106.9308 | 440.0438 | 58.49693 |
| #1 | -.000041 | -.000471 | .0107001 | .0004962 | -.000343 | -.000325 | -.005067 |
| #2 | -.000018 | -.000370 | -.004158 | .0003641 | -.000190 | .000296 | -.014478 |
| #3 | -.000051 | -.000497 | .003209 | .0001984 | .000021 | -.000194 | -.006480 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057974 | .0099056 | -.000280 | -.000482 | -.052241 | -.001499 | -.000536 |
| Stddev | .0003996 | .0099709 | .000235 | .000203 | .008161 | .000239 | .000197 |
| %RSD | 6.893277 | 100.6601 | 84.12110 | 42.13180 | 15.62267 | 15.93850 | 36.75655 |
| #1 | .0060714 | .0191117 | -.000042 | -.000688 | -.059762 | -.001231 | -.000596 |
| #2 | .0053389 | -.000685 | -.000512 | -.000478 | -.043563 | -.001575 | -.000316 |
| #3 | .0059820 | .011290 | -.000284 | -.000281 | -.053400 | -.001690 | -.000695 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.010320 | .0062173 | -.000181 | .0000320 | -.000229 | .0069441 | -.003364 |
| Stddev | .006320 | .0006866 | .000150 | .0007014 | .000708 | .0003859 | .001666 |
| %RSD | 61.24184 | 11.04265 | 82.66732 | 2190.990 | 308.9604 | 5.557623 | 49.51269 |
| #1 | -.017608 | .0066680 | -.000323 | -.000468 | .000586 | .0069022 | -.004287 |
| #2 | -.007005 | .0065568 | -.000198 | -.000270 | -.000687 | .0065808 | -.001441 |
| #3 | -.006347 | .0054272 | -.000024 | .000834 | -.000586 | .0073492 | -.004364 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB06 Acquired: 5/5/2025 19:37:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0007686 | -.000811 | -.000573 |
| Stddev | .0026757 | .000828 | .000083 |
| %RSD | 348.1490 | 102.1526 | 14.51372 |
| | | | |
| #1 | -.001061 | -.001530 | -.000509 |
| #2 | -.000473 | -.000998 | -.000543 |
| #3 | .003840 | .000095 | -.000667 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3133.273 | 73546.30 | 21223.41 | 2021.793 | 5017.318 |
| Stddev | 7.202 | 246.51 | 23.74 | 12.108 | 16.477 |
| %RSD | .2298513 | .3351761 | .1118481 | .5988688 | .3284083 |
| | | | | | |
| #1 | 3127.262 | 73320.34 | 21236.48 | 2015.005 | 5011.216 |
| #2 | 3141.255 | 73809.19 | 21196.01 | 2035.772 | 5035.976 |
| #3 | 3131.301 | 73509.38 | 21237.74 | 2014.601 | 5004.762 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-05 Acquired: 5/5/2025 19:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 25.94550 | .0584938 | 80.59502 | -.104132 | .8364442 | 69.11380 |
| Stddev | .05418 | .0036636 | .14068 | .005684 | .0053495 | .22379 |
| %RSD | .2088147 | 6.263157 | .1745493 | 5.458800 | .6395493 | .3238024 |
| #1 | 25.92703 | .0609932 | 80.74967 | -.103259 | .8335457 | 68.86292 |
| #2 | 25.90297 | .0601998 | 80.47466 | -.098936 | .8331693 | 69.29286 |
| #3 | 26.00650 | .0542883 | 80.56073 | -.110203 | .8426174 | 69.18563 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.685325 | .0120241 | .0794258 | 69.06784 | 1.211238 | .1320121 |
| Stddev | .008086 | .0002073 | .0016750 | .27473 | .006155 | .0001908 |
| %RSD | .4797774 | 1.724353 | 2.108835 | .3977680 | .5081643 | .1445574 |
| #1 | 1.678961 | .0119837 | .0792294 | 68.75329 | 1.204285 | .1317923 |
| #2 | 1.694423 | .0122487 | .0778576 | 69.26078 | 1.215988 | .1321087 |
| #3 | 1.682591 | .0118399 | .0811902 | 69.18943 | 1.213443 | .1321354 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.458623 | 687.1853 | 3.676586 | 21.68735 | .3191491 | .0250777 |
| Stddev | .010111 | 6.3976 | .019131 | .06263 | .0004965 | .0019826 |
| %RSD | .4112411 | .9309900 | .5203518 | .2888013 | .1555574 | 7.906039 |
| #1 | 2.452223 | 690.8559 | 3.657532 | 21.65527 | .3197150 | .0272368 |
| #2 | 2.453366 | 690.9020 | 3.695793 | 21.75953 | .3187869 | .0246573 |
| #3 | 2.470279 | 679.7980 | 3.676434 | 21.64726 | .3189454 | .0233389 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9851863 | .2807503 | F 20.00306 | 9.910024 | 2.228280 | .2613190 |
| Stddev | .0076024 | .0009056 | .12814 | .045931 | .026483 | .0006347 |
| %RSD | .7716756 | .3225505 | .6406229 | .4634804 | 1.188514 | .2428740 |
| #1 | .9767519 | .2799062 | 19.85588 | 9.863319 | 2.241292 | .2617663 |
| #2 | .9872960 | .2817068 | 20.08980 | 9.955140 | 2.245742 | .2605926 |
| #3 | .9915112 | .2806379 | 20.06352 | 9.911611 | 2.197808 | .2615981 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-05 Acquired: 5/5/2025 19:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | F 51.00996 | 1.931767 | 7.975994 | 9.667754 | 6.997366 | .4033556 |
| Stddev | .12077 | .008965 | .076648 | .011762 | .020962 | .0024193 |
| %RSD | .2367588 | .4641057 | .9609780 | .1216610 | .2995717 | .5997880 |
| #1 | 51.12391 | 1.921496 | 7.900940 | 9.678071 | 6.999654 | .4034464 |
| #2 | 50.88336 | 1.938026 | 8.054142 | 9.654946 | 6.975354 | .4057282 |
| #3 | 51.02261 | 1.935780 | 7.972899 | 9.670243 | 7.017091 | .4008922 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0504423 |
| Stddev | .0070056 |
| %RSD | 13.88830 |
| #1 | .0436023 |
| #2 | .0501222 |
| #3 | .0576025 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2980.118 | 72000.35 | 22710.18 | 1943.849 | 4275.167 |
| Stddev | 6.774 | 327.82 | 5.77 | 16.054 | 2.948 |
| %RSD | .2272969 | .4553056 | .0253900 | .8258993 | .0689638 |
| #1 | 2987.845 | 72300.67 | 22710.12 | 1959.103 | 4278.370 |
| #2 | 2975.203 | 71650.63 | 22704.45 | 1927.099 | 4272.567 |
| #3 | 2977.306 | 72049.75 | 22715.98 | 1945.345 | 4274.564 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-01 Acquired: 5/5/2025 19:45:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0488276 | .0183882 | .1674800 | -.041537 | -.008164 | 142.3495 | .8496111 |
| Stddev | .0041547 | .0023947 | .0009614 | .004519 | .002402 | .1919 | .0026609 |
| %RSD | 8.508844 | 13.02294 | .5740202 | 10.88020 | 29.41928 | .1347932 | .3131947 |
| #1 | .0460115 | .0159767 | .1666805 | -.043907 | -.006162 | 142.5666 | .8506700 |
| #2 | .0468722 | .0207657 | .1685467 | -.036325 | -.007503 | 142.2028 | .8515797 |
| #3 | .0535992 | .0184223 | .1672129 | -.044377 | -.010827 | 142.2791 | .8465838 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0106262 | -.010577 | 13.23847 | .2322190 | .1227685 | .0108756 | 302.5593 |
| Stddev | .0000396 | .000348 | .00837 | .0010727 | .0003867 | .0026960 | 1.8067 |
| %RSD | .3722711 | 3.292614 | .0632281 | .4619275 | .3149868 | 24.78955 | .5971261 |
| #1 | .0105968 | -.010978 | 13.24057 | .2328547 | .1223240 | .0079609 | 304.5733 |
| #2 | .0106106 | -.010395 | 13.24559 | .2309805 | .1229539 | .0113858 | 302.0233 |
| #3 | .0106712 | -.010357 | 13.22925 | .2328218 | .1230275 | .0132800 | 301.0812 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.110912 | 43.94178 | .2341603 | .0051724 | 15.88045 | .3273195 | .5353661 |
| Stddev | .013763 | .11828 | .0012855 | .0003044 | .07916 | .0022019 | .0044646 |
| %RSD | .3347802 | .2691641 | .5489715 | 5.885809 | .4984453 | .6726926 | .8339398 |
| #1 | 4.120637 | 44.01401 | .2330950 | .0050638 | 15.95896 | .3262737 | .5379075 |
| #2 | 4.116933 | 43.80529 | .2337978 | .0055162 | 15.88171 | .3258354 | .5302109 |
| #3 | 4.095165 | 44.00605 | .2355881 | .0049371 | 15.80067 | .3298493 | .5379798 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.79024 | 1.012626 | .0036679 | .0031131 | 3.517946 | 2.504719 | 3.971843 |
| Stddev | .08185 | .008293 | .0005010 | .0005788 | .008851 | .022800 | .006120 |
| %RSD | .5935356 | .8189370 | 13.65812 | 18.59072 | .2515869 | .9102935 | .1540804 |
| #1 | 13.88104 | 1.021857 | .0037581 | .0037338 | 3.528027 | 2.512058 | 3.964827 |
| #2 | 13.76755 | 1.010215 | .0031280 | .0025881 | 3.514360 | 2.522946 | 3.976080 |
| #3 | 13.72213 | 1.005806 | .0041177 | .0030176 | 3.511451 | 2.479153 | 3.974622 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-01 Acquired: 5/5/2025 19:45:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 1.370236 | .3675236 | -.179051 |
| Stddev | .014988 | .0010115 | .001567 |
| %RSD | 1.093796 | .2752196 | .8749219 |
| | | | |
| #1 | 1.353404 | .3672845 | -.180846 |
| #2 | 1.382137 | .3686333 | -.178341 |
| #3 | 1.375166 | .3666531 | -.177965 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3227.750 | 76051.33 | 23993.85 | 2085.503 | 4411.775 |
| Stddev | 11.439 | 314.70 | 53.09 | 13.934 | 14.655 |
| %RSD | .3544027 | .4137980 | .2212713 | .6681552 | .3321821 |
| | | | | | |
| #1 | 3236.725 | 75703.67 | 24008.34 | 2069.415 | 4421.275 |
| #2 | 3231.656 | 76316.72 | 24038.19 | 2093.319 | 4419.154 |
| #3 | 3214.870 | 76133.61 | 23935.01 | 2093.775 | 4394.897 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-05 Acquired: 5/5/2025 19:49:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0453687 | .0161249 | .2005003 | -.050472 | -.007140 | 146.8391 | 1.342994 |
| Stddev | .0062085 | .0021219 | .0018250 | .003968 | .003100 | .0635 | .001877 |
| %RSD | 13.68447 | 13.15935 | .9102068 | 7.862695 | 43.41181 | .0432518 | .1397537 |
| #1 | .0456867 | .0171431 | .1990342 | -.054829 | -.004380 | 146.7906 | 1.341505 |
| #2 | .0390074 | .0136858 | .2025442 | -.047066 | -.006547 | 146.9110 | 1.345102 |
| #3 | .0514121 | .0175459 | .1999225 | -.049520 | -.010494 | 146.8156 | 1.342373 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0127975 | -.005372 | 20.45399 | .2631851 | .1627600 | -.008274 | 340.9078 |
| Stddev | .0000757 | .001151 | .08585 | .0010187 | .0030099 | .005321 | .1473 |
| %RSD | .5917544 | 21.43138 | .4197177 | .3870745 | 1.849259 | 64.30720 | .0432071 |
| #1 | .0128493 | -.006002 | 20.55055 | .2634811 | .1610680 | -.012196 | 341.0671 |
| #2 | .0127106 | -.004043 | 20.42512 | .2640231 | .1662350 | -.002217 | 340.7765 |
| #3 | .0128326 | -.006071 | 20.38630 | .2620512 | .1609769 | -.010408 | 340.8800 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.733637 | 64.12050 | .3241796 | .0049505 | 6.801347 | .3633521 | .6785750 |
| Stddev | .017981 | .34928 | .0060851 | .0004053 | .028101 | .0015106 | .0030102 |
| %RSD | .2670376 | .5447184 | 1.877079 | 8.186537 | .4131687 | .4157277 | .4436140 |
| #1 | 6.752243 | 64.46343 | .3207073 | .0053929 | 6.770774 | .3618499 | .6809547 |
| #2 | 6.732313 | 64.13285 | .3312060 | .0048615 | 6.807220 | .3633353 | .6795793 |
| #3 | 6.716354 | 63.76521 | .3206257 | .0045971 | 6.826048 | .3648709 | .6751910 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.88180 | 1.147678 | .0041513 | .0021856 | 4.133267 | 2.502115 | 5.900670 |
| Stddev | .03503 | .001805 | .0002123 | .0012139 | .003897 | .016232 | .121137 |
| %RSD | .1855382 | .1572528 | 5.113043 | 55.54010 | .0942750 | .6487188 | 2.052940 |
| #1 | 18.85599 | 1.149606 | .0040339 | .0032722 | 4.136985 | 2.515945 | 5.825929 |
| #2 | 18.92168 | 1.147402 | .0043964 | .0008755 | 4.129214 | 2.484245 | 6.040435 |
| #3 | 18.86773 | 1.146028 | .0040238 | .0024091 | 4.133603 | 2.506156 | 5.835648 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-05 Acquired: 5/5/2025 19:49:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .5415876 | .4868892 | -.169533 |
| Stddev | .0160713 | .0007891 | .000302 |
| %RSD | 2.967438 | .1620695 | .1782971 |
| | | | |
| #1 | .5320962 | .4862491 | -.169881 |
| #2 | .5601435 | .4877708 | -.169337 |
| #3 | .5325232 | .4866476 | -.169380 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3493.370 | 82723.81 | 25396.98 | 2289.106 | 4372.779 |
| Stddev | 39.161 | 281.03 | 102.37 | 6.629 | 67.115 |
| %RSD | 1.121019 | .3397229 | .4030956 | .2895778 | 1.534842 |
| | | | | | |
| #1 | 3515.929 | 82918.66 | 25399.88 | 2295.041 | 4412.006 |
| #2 | 3448.151 | 82401.65 | 25293.19 | 2281.953 | 4295.283 |
| #3 | 3516.032 | 82851.12 | 25497.87 | 2290.324 | 4411.048 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-01 Acquired: 5/5/2025 19:53:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 2.550063 | .0101824 | 4.814320 | -.021641 | .0147942 | 145.0072 |
| Stddev | .011249 | .0025564 | .003196 | .004156 | .0028143 | .0874 |
| %RSD | .4411332 | 25.10550 | .0663945 | 19.20336 | 19.02297 | .0603026 |
| #1 | 2.549062 | .0078692 | 4.814335 | -.020377 | .0115619 | 145.0687 |
| #2 | 2.539347 | .0097511 | 4.811117 | -.018263 | .0167013 | 144.9071 |
| #3 | 2.561779 | .0129270 | 4.817510 | -.026281 | .0161193 | 145.0457 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.105908 | .0109214 | .0026074 | 49.09197 | 1.383525 | .1112071 |
| Stddev | .001917 | .0001022 | .0001630 | .06376 | .004425 | .0003095 |
| %RSD | .0910299 | .9354808 | 6.251711 | .1298792 | .3198147 | .2783384 |
| #1 | 2.105686 | .0108049 | .0027779 | 49.15614 | 1.387419 | .1108910 |
| #2 | 2.107927 | .0109638 | .0024531 | 49.02862 | 1.378713 | .1112208 |
| #3 | 2.104112 | .0109957 | .0025912 | 49.09117 | 1.384443 | .1115096 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.076226 | 223.9190 | 2.265003 | 37.06901 | .5158699 | .0115285 |
| Stddev | .004276 | .1453 | .001596 | .02474 | .0007409 | .0004412 |
| %RSD | .3973003 | .0649003 | .0704478 | .0667470 | .1436200 | 3.827402 |
| #1 | 1.076036 | 224.0163 | 2.266767 | 37.09609 | .5167104 | .0111542 |
| #2 | 1.072047 | 223.7520 | 2.264584 | 37.04759 | .5153116 | .0120150 |
| #3 | 1.080593 | 223.9889 | 2.263660 | 37.06335 | .5155876 | .0114163 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.642949 | .3082056 | 5.111042 | 10.10712 | .7862753 | .0126879 |
| Stddev | .007643 | .0022282 | .016885 | .06931 | .0004829 | .0004965 |
| %RSD | .4652293 | .7229613 | .3303684 | .6857843 | .0614181 | 3.913291 |
| #1 | 1.635024 | .3096504 | 5.128334 | 10.02804 | .7868010 | .0123345 |
| #2 | 1.650276 | .3056395 | 5.110197 | 10.15736 | .7861736 | .0132555 |
| #3 | 1.643547 | .3093270 | 5.094595 | 10.13596 | .7858514 | .0124736 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-01 Acquired: 5/5/2025 19:53:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .5286205 | 2.206564 | 7.947718 | F 19.76651 | 22.05530 | .4863201 |
| Stddev | .0018626 | .001699 | .012630 | .03347 | .07254 | .0004659 |
| %RSD | .3523511 | .0770162 | .1589178 | .1693159 | .3289155 | .0958021 |
| #1 | .5269398 | 2.205404 | 7.948534 | 19.75881 | 22.09224 | .4858820 |
| #2 | .5306230 | 2.205774 | 7.959920 | 19.73757 | 21.97172 | .4862688 |
| #3 | .5282986 | 2.208515 | 7.934699 | 19.80316 | 22.10194 | .4868095 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .3648974 |
| Stddev | .0002259 |
| %RSD | .0619076 |
| #1 | .3648078 |
| #2 | .3651543 |
| #3 | .3647300 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3356.054 | 81633.81 | 25091.80 | 2262.114 | 4334.923 |
| Stddev | 5.060 | 144.12 | 77.05 | 7.702 | 1.874 |
| %RSD | .1507727 | .1765384 | .3070893 | .3404704 | .0432309 |
| #1 | 3357.511 | 81563.18 | 25053.66 | 2262.059 | 4335.642 |
| #2 | 3360.225 | 81799.61 | 25180.48 | 2254.440 | 4332.796 |
| #3 | 3350.425 | 81538.64 | 25041.24 | 2269.843 | 4336.331 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-03 Acquired: 5/5/2025 19:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .5594835 | .0053752 | .2496462 | -.017764 | -.003143 | 94.31784 | 1.575857 |
| Stddev | .0061222 | .0014515 | .0021432 | .003358 | .000226 | .12195 | .002771 |
| %RSD | 1.094265 | 27.00423 | .8584920 | 18.90251 | 7.175934 | .1292953 | .1758283 |
| #1 | .5647108 | .0054130 | .2513921 | -.018007 | -.002995 | 94.23383 | 1.577033 |
| #2 | .5527482 | .0039052 | .2502923 | -.020994 | -.003403 | 94.26197 | 1.572693 |
| #3 | .5609915 | .0068075 | .2472544 | -.014292 | -.003032 | 94.45771 | 1.577846 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0078136 | -.004347 | 28.89706 | .3849556 | .0622036 | .0241432 | 145.6350 |
| Stddev | .0000038 | .000508 | .06033 | .0062514 | .0000977 | .0022775 | 2.1373 |
| %RSD | .0485203 | 11.68127 | .2087921 | 1.623937 | .1570580 | 9.433304 | 1.467591 |
| #1 | .0078156 | -.004170 | 28.83938 | .3822791 | .0621005 | .0249608 | 145.1495 |
| #2 | .0078092 | -.003952 | 28.95974 | .3804881 | .0622155 | .0258991 | 143.7822 |
| #3 | .0078159 | -.004920 | 28.89205 | .3920997 | .0622948 | .0215698 | 147.9734 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7033867 | 20.55046 | .1361260 | .0007443 | .9944310 | .3496595 | .4201908 |
| Stddev | .0006063 | .09599 | .0003007 | .0001979 | .0269864 | .0012336 | .0071999 |
| %RSD | .0861906 | .4670772 | .2208629 | 26.58089 | 2.713751 | .3528115 | 1.713477 |
| #1 | .7027481 | 20.46191 | .1360388 | .0008674 | .9867833 | .3482504 | .4164432 |
| #2 | .7039544 | 20.65246 | .1364606 | .0005161 | .9720938 | .3505445 | .4156377 |
| #3 | .7034576 | 20.53702 | .1358786 | .0008494 | 1.024416 | .3501838 | .4284915 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.275771 | .4710101 | .0071766 | .0066540 | .8358501 | 6.514673 | 3.037797 |
| Stddev | .129566 | .0083428 | .0003149 | .0003059 | .0030189 | .099406 | .012259 |
| %RSD | 2.064550 | 1.771260 | 4.387738 | 4.596899 | .3611746 | 1.525881 | .4035578 |
| #1 | 6.255916 | .4709195 | .0073483 | .0068990 | .8351106 | 6.483282 | 3.046695 |
| #2 | 6.157279 | .4627129 | .0073683 | .0067519 | .8332696 | 6.434752 | 3.042881 |
| #3 | 6.414119 | .4793978 | .0068132 | .0063112 | .8391700 | 6.625985 | 3.023813 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1939-03 Acquired: 5/5/2025 19:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 10.21548 | .1732519 | .0590716 |
| Stddev | .01339 | .0026189 | .0015956 |
| %RSD | .1310781 | 1.511629 | 2.701052 |
| | | | |
| #1 | 10.20918 | .1727217 | .0593872 |
| #2 | 10.20639 | .1709386 | .0604858 |
| #3 | 10.23085 | .1760953 | .0573419 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3509.822 | 82166.84 | 24269.26 | 2249.896 | 4701.323 |
| Stddev | 5.977 | 1240.75 | 110.27 | 31.426 | 5.406 |
| %RSD | .1702894 | 1.510041 | .4543522 | 1.396795 | .1149995 |
| | | | | | |
| #1 | 3503.899 | 82668.28 | 24396.49 | 2270.492 | 4696.629 |
| #2 | 3515.851 | 83078.40 | 24210.08 | 2265.472 | 4707.234 |
| #3 | 3509.717 | 80753.85 | 24201.23 | 2213.724 | 4700.106 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1917-04 Acquired: 5/5/2025 20:01:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003098 | -.004868 | .0019836 | .0047458 | -.000831 | .0330577 | .3587706 |
| Stddev | .001203 | .003507 | .0004821 | .0012649 | .002077 | .0025025 | .0015121 |
| %RSD | 38.83134 | 72.03712 | 24.30346 | 26.65214 | 249.9483 | 7.570189 | .4214560 |
| #1 | -.004312 | -.002570 | .0024347 | .0036109 | -.000670 | .0314973 | .3574190 |
| #2 | -.003077 | -.008904 | .0020406 | .0061094 | .001161 | .0359442 | .3604036 |
| #3 | -.001906 | -.003130 | .0014756 | .0045170 | -.002984 | .0317316 | .3584893 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000059 | -.000239 | 11.75339 | -.000118 | .0055051 | .0194939 | .2584771 |
| Stddev | .000034 | .000092 | .04206 | .000479 | .0001413 | .0004524 | .0072209 |
| %RSD | 57.79053 | 38.38784 | .3578195 | 404.1562 | 2.567585 | 2.320704 | 2.793645 |
| #1 | -.000036 | -.000184 | 11.74433 | -.000010 | .0054103 | .0199378 | .2517024 |
| #2 | -.000042 | -.000345 | 11.79924 | .000297 | .0054374 | .0190335 | .2576552 |
| #3 | -.000097 | -.000189 | 11.71661 | -.000642 | .0056676 | .0195105 | .2660739 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.011560 | 3.511221 | .0023096 | -.000266 | 318.5812 | -.002004 | .0556686 |
| Stddev | .013950 | .014415 | .0001246 | .000459 | 2.1733 | .001438 | .0002430 |
| %RSD | .4632053 | .4105443 | 5.393386 | 172.6614 | .6821938 | 71.76565 | .4365371 |
| #1 | 2.998376 | 3.494973 | .0023423 | -.000782 | 320.5698 | -.000778 | .0559399 |
| #2 | 3.026167 | 3.522474 | .0024146 | -.000113 | 316.2612 | -.003587 | .0554710 |
| #3 | 3.010137 | 3.516218 | .0021719 | .000097 | 318.9126 | -.001647 | .0555949 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7855014 | .0287504 | -.000781 | -.002879 | .0003323 | .6263471 | .0112169 |
| Stddev | .0043269 | .0007746 | .000133 | .000183 | .0003525 | .0051072 | .0002769 |
| %RSD | .5508412 | 2.694077 | 17.00284 | 6.362483 | 106.0748 | .8153999 | 2.469058 |
| #1 | .7896447 | .0279841 | -.000932 | -.002815 | -.000040 | .6322049 | .0113230 |
| #2 | .7810118 | .0295329 | -.000682 | -.003085 | .000377 | .6228277 | .0114252 |
| #3 | .7858477 | .0287342 | -.000730 | -.002736 | .000660 | .6240088 | .0109026 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1917-04 Acquired: 5/5/2025 20:01:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3636016 | -.003931 | .0881909 |
| Stddev | .0081470 | .001048 | .0001157 |
| %RSD | 2.240650 | 26.64906 | .1311348 |
| | | | |
| #1 | .3592194 | -.005139 | .0881066 |
| #2 | .3730018 | -.003367 | .0883227 |
| #3 | .3585835 | -.003286 | .0881434 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2909.417 | 69802.44 | 20279.69 | 1873.185 | 4381.316 |
| Stddev | 5.562 | 273.91 | 123.38 | 4.934 | 13.853 |
| %RSD | .1911871 | .3924066 | .6083973 | .2633969 | .3161891 |
| | | | | | |
| #1 | 2904.484 | 69973.41 | 20341.59 | 1878.775 | 4370.338 |
| #2 | 2915.446 | 69947.40 | 20137.62 | 1871.339 | 4396.881 |
| #3 | 2908.322 | 69486.51 | 20359.87 | 1869.439 | 4376.729 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-04 Acquired: 5/5/2025 20:06:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.004302 | -.004970 | .0013156 | .0038744 | -.001101 | .0324058 | .2873214 |
| Stddev | .001514 | .001134 | .0007506 | .0021705 | .000810 | .0052629 | .0010855 |
| %RSD | 35.18845 | 22.80771 | 57.05258 | 56.02173 | 73.54273 | 16.24071 | .3778126 |
| #1 | -.002638 | -.004351 | .0005676 | .0021507 | -.000359 | .0318794 | .2877379 |
| #2 | -.004672 | -.004281 | .0013104 | .0031605 | -.000979 | .0379122 | .2860893 |
| #3 | -.005598 | -.006279 | .0020687 | .0063119 | -.001965 | .0274259 | .2881371 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000861 | -.000429 | 8.143072 | -.000834 | -.000411 | .0179555 | -.001928 |
| Stddev | .0000242 | .000038 | .012081 | .000370 | .000019 | .0003738 | .003269 |
| %RSD | 28.05397 | 8.893104 | .1483636 | 44.34812 | 4.626154 | 2.081609 | 169.6004 |
| #1 | .0000612 | -.000420 | 8.152904 | -.000743 | -.000401 | .0175741 | .000976 |
| #2 | .0001094 | -.000471 | 8.146726 | -.000518 | -.000433 | .0179715 | -.005469 |
| #3 | .0000878 | -.000396 | 8.129585 | -.001241 | -.000399 | .0183211 | -.001290 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0486419 | 1.955355 | .0025467 | -.000097 | 304.0823 | -.000234 | .0517998 |
| Stddev | .0002249 | .007198 | .0003102 | .000018 | 1.1536 | .000320 | .0003139 |
| %RSD | .4623853 | .3681237 | 12.18183 | 18.49043 | .3793818 | 137.0858 | .6059690 |
| #1 | .0485746 | 1.948032 | .0024024 | -.000115 | 303.3862 | -.000405 | .0514373 |
| #2 | .0488928 | 1.955612 | .0023349 | -.000079 | 303.4468 | .000136 | .0519795 |
| #3 | .0484584 | 1.962421 | .0029028 | -.000097 | 305.4139 | -.000431 | .0519824 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4665791 | .0293943 | -.000576 | -.003425 | .0001264 | .4035861 | .0206285 |
| Stddev | .0228940 | .0003922 | .000117 | .000335 | .0008145 | .0044836 | .0013361 |
| %RSD | 4.906776 | 1.334121 | 20.25056 | 9.781234 | 644.3357 | 1.110947 | 6.477109 |
| #1 | .4449290 | .0297317 | -.000668 | -.003785 | .0002168 | .4004345 | .0217432 |
| #2 | .4642668 | .0289641 | -.000616 | -.003122 | .0008919 | .4087191 | .0209951 |
| #3 | .4905415 | .0294872 | -.000445 | -.003367 | -.000729 | .4016048 | .0191474 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-04 Acquired: 5/5/2025 20:06:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .2855289 | -.001849 | .0305557 |
| Stddev | .0038292 | .000442 | .0001571 |
| %RSD | 1.341102 | 23.88181 | .5141396 |
| | | | |
| #1 | .2861611 | -.002258 | .0305396 |
| #2 | .2890027 | -.001381 | .0304073 |
| #3 | .2814229 | -.001908 | .0307203 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2969.176 | 72820.25 | 22145.60 | 1920.590 | 4519.597 |
| Stddev | 8.319 | 361.27 | 320.75 | 3.054 | 5.473 |
| %RSD | .2801688 | .4961088 | 1.448357 | .1589950 | .1210854 |
| | | | | | |
| #1 | 2970.802 | 72469.24 | 21892.75 | 1920.553 | 4514.109 |
| #2 | 2976.562 | 72800.54 | 22037.65 | 1917.554 | 4525.054 |
| #3 | 2960.165 | 73190.97 | 22506.40 | 1923.661 | 4519.627 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-08 Acquired: 5/5/2025 20:10:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002575 | -.005445 | .0019700 | .0031347 | -.002221 | .0376344 | .2659263 |
| Stddev | .002257 | .002156 | .0006164 | .0028384 | .001089 | .0057002 | .0015620 |
| %RSD | 87.68120 | 39.60469 | 31.28848 | 90.54779 | 49.03488 | 15.14637 | .5873658 |
| #1 | -.001271 | -.003083 | .0026639 | .0031378 | -.001818 | .0369827 | .2641796 |
| #2 | -.005181 | -.005941 | .0014857 | .0059715 | -.003454 | .0322880 | .2664105 |
| #3 | -.001271 | -.007310 | .0017605 | .0002947 | -.001391 | .0436325 | .2671888 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001221 | -.000368 | 8.855695 | .0004675 | -.000135 | .0162795 | .0260151 |
| Stddev | .0000560 | .000060 | .040388 | .0001749 | .000291 | .0002537 | .0044155 |
| %RSD | 45.89019 | 16.20106 | .4560710 | 37.41330 | 216.0486 | 1.558308 | 16.97302 |
| #1 | .0001536 | -.000332 | 8.829589 | .0006166 | -.000067 | .0160637 | .0210473 |
| #2 | .0001553 | -.000336 | 8.835281 | .0002750 | -.000454 | .0162159 | .0294928 |
| #3 | .0000574 | -.000437 | 8.902215 | .0005107 | .000117 | .0165589 | .0275051 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0671784 | 2.929497 | .0026976 | -.000583 | 283.2763 | -.000630 | .0615718 |
| Stddev | .0006660 | .015375 | .0001192 | .000194 | 3.3863 | .001270 | .0002874 |
| %RSD | .9913160 | .5248408 | 4.419292 | 33.28793 | 1.195389 | 201.4740 | .4667677 |
| #1 | .0672740 | 2.919389 | .0026265 | -.000723 | 286.9277 | .000388 | .0613220 |
| #2 | .0664698 | 2.921911 | .0026312 | -.000664 | 282.6618 | -.000225 | .0615075 |
| #3 | .0677914 | 2.947191 | .0028353 | -.000361 | 280.2394 | -.002054 | .0618859 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4140126 | .0423528 | -.000299 | -.001896 | .0001005 | .4888213 | .0238500 |
| Stddev | .0433283 | .0010204 | .000090 | .000098 | .0004434 | .0142275 | .0029221 |
| %RSD | 10.46546 | 2.409287 | 30.06501 | 5.190695 | 440.9554 | 2.910568 | 12.25194 |
| #1 | .4626829 | .0421952 | -.000223 | -.001973 | .0005847 | .4725256 | .0205402 |
| #2 | .3796402 | .0434429 | -.000398 | -.001785 | .0000027 | .4951640 | .0249371 |
| #3 | .3997147 | .0414204 | -.000275 | -.001930 | -.000286 | .4987743 | .0260727 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1922-08 Acquired: 5/5/2025 20:10:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4446758 | -.001862 | .0322686 |
| Stddev | .0027493 | .000676 | .0001352 |
| %RSD | .6182759 | 36.29427 | .4189238 |
| | | | |
| #1 | .4450005 | -.001806 | .0321751 |
| #2 | .4417785 | -.001217 | .0322071 |
| #3 | .4472483 | -.002565 | .0324236 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2964.071 | 71909.45 | 20118.00 | 1939.871 | 4510.481 |
| Stddev | 11.400 | 314.76 | 82.16 | 10.221 | 34.179 |
| %RSD | .3846088 | .4377179 | .4083962 | .5268727 | .7577720 |
| | | | | | |
| #1 | 2953.431 | 72056.27 | 20179.07 | 1941.722 | 4471.077 |
| #2 | 2976.103 | 71548.11 | 20024.59 | 1928.852 | 4532.115 |
| #3 | 2962.679 | 72123.98 | 20150.33 | 1949.040 | 4528.251 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-01 Acquired: 5/5/2025 20:15:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0018890 | -.001732 | .0028910 | .0059103 | .0136484 | .6526103 | .1400750 |
| Stddev | .0009790 | .000324 | .0003471 | .0080677 | .0024253 | .0129495 | .0011670 |
| %RSD | 51.82499 | 18.67995 | 12.00544 | 136.5016 | 17.76988 | 1.984266 | .8331340 |
| #1 | .0021053 | -.001436 | .0025363 | .0145163 | .0118899 | .6645070 | .1412680 |
| #2 | .0027418 | -.002078 | .0032299 | .0046962 | .0126401 | .6545066 | .1389358 |
| #3 | .0008200 | -.001683 | .0029068 | -.001481 | .0164151 | .6388171 | .1400212 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000130 | .0129174 | 88.57014 | -.000800 | .0044617 | .0943494 | .4308233 |
| Stddev | .000020 | .0002104 | .20933 | .000270 | .0000834 | .0001756 | .0033142 |
| %RSD | 15.24243 | 1.628506 | .2363401 | 33.77313 | 1.869854 | .1861132 | .7692594 |
| #1 | -.000131 | .0128122 | 88.71866 | -.001104 | .0043791 | .0944844 | .4333212 |
| #2 | -.000149 | .0127805 | 88.33073 | -.000589 | .0045459 | .0944128 | .4270636 |
| #3 | -.000109 | .0131596 | 88.66102 | -.000706 | .0044601 | .0941509 | .4320852 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2920987 | 5.797388 | .0451482 | -.000309 | 394.1272 | .0006202 | 1.154817 |
| Stddev | .0009693 | .036917 | .0002305 | .000037 | .6424 | .0019358 | .001813 |
| %RSD | .3318391 | .6367884 | .5106030 | 12.06045 | .1629875 | 312.1119 | .1569733 |
| #1 | .2920524 | 5.812742 | .0451796 | -.000342 | 394.3675 | -.001066 | 1.152727 |
| #2 | .2911535 | 5.755272 | .0453614 | -.000316 | 393.3993 | .000193 | 1.155750 |
| #3 | .2930904 | 5.824150 | .0449036 | -.000269 | 394.6148 | .002734 | 1.155973 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.391957 | 10.35778 | .0016824 | -.005820 | -.003016 | 1.391138 | .0055418 |
| Stddev | .030854 | .06529 | .0002021 | .000442 | .000310 | .022836 | .0038906 |
| %RSD | .9096274 | .6303369 | 12.00974 | 7.602567 | 10.28645 | 1.641548 | 70.20412 |
| #1 | 3.422675 | 10.32865 | .0017114 | -.005462 | -.002658 | 1.409024 | .0011394 |
| #2 | 3.392228 | 10.31213 | .0018684 | -.005682 | -.003195 | 1.398974 | .0069677 |
| #3 | 3.360969 | 10.43256 | .0014674 | -.006315 | -.003195 | 1.365415 | .0085182 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-01 Acquired: 5/5/2025 20:15:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 11.12815 | -.001640 | .1998311 |
| Stddev | .00589 | .000705 | .0008018 |
| %RSD | .0529364 | 42.98699 | .4012250 |
| | | | |
| #1 | 11.12465 | -.001399 | .1990577 |
| #2 | 11.12484 | -.001087 | .1997770 |
| #3 | 11.13495 | -.002434 | .2006585 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2875.539 | 70585.24 | 21886.48 | 1902.549 | 4286.082 |
| Stddev | 20.208 | 367.87 | 131.70 | 3.798 | 41.816 |
| %RSD | .7027383 | .5211750 | .6017630 | .1996135 | .9756267 |
| | | | | | |
| #1 | 2889.515 | 70161.18 | 21807.89 | 1898.188 | 4323.270 |
| #2 | 2884.733 | 70775.95 | 22038.53 | 1904.336 | 4294.159 |
| #3 | 2852.369 | 70818.61 | 21813.01 | 1905.124 | 4240.816 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV07 Acquired: 5/5/2025 20:19:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.699065 | 4.627214 | 4.706242 | 4.704497 | 4.702196 | 9.212140 | 9.384379 |
| Stddev | .028038 | .030315 | .006090 | .031145 | .040010 | .032881 | .092476 |
| %RSD | .5966821 | .6551544 | .1294103 | .6620291 | .8508798 | .3569289 | .9854234 |
| #1 | 4.668686 | 4.597860 | 4.699830 | 4.673867 | 4.663474 | 9.215986 | 9.437138 |
| #2 | 4.704558 | 4.625375 | 4.706946 | 4.703492 | 4.699735 | 9.242929 | 9.438399 |
| #3 | 4.723950 | 4.658407 | 4.711950 | 4.736133 | 4.743380 | 9.177505 | 9.277599 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2311267 | 2.354083 | 23.25538 | .9546546 | 2.333915 | 1.166989 | 4.819386 |
| Stddev | .0008374 | .003441 | .07497 | .0012547 | .004001 | .007387 | .028718 |
| %RSD | .3623271 | .1461841 | .3223790 | .1314298 | .1714491 | .6330254 | .5958865 |
| #1 | .2319639 | 2.356964 | 23.29218 | .9552421 | 2.333258 | 1.160185 | 4.833849 |
| #2 | .2311273 | 2.350273 | 23.30485 | .9555077 | 2.330282 | 1.165934 | 4.837997 |
| #3 | .2302891 | 2.355014 | 23.16912 | .9532139 | 2.338204 | 1.174847 | 4.786312 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.313188 | 23.13146 | 2.356677 | 1.184229 | 23.75913 | 2.340056 | 2.354506 |
| Stddev | .008798 | .18114 | .004577 | .000342 | .06403 | .010169 | .005842 |
| %RSD | .3803345 | .7831047 | .1942021 | .0289131 | .2694984 | .4345602 | .2481092 |
| #1 | 2.318070 | 23.15944 | 2.357781 | 1.184256 | 23.70204 | 2.338592 | 2.359919 |
| #2 | 2.318463 | 23.29698 | 2.351649 | 1.184557 | 23.82836 | 2.350878 | 2.355286 |
| #3 | 2.303032 | 22.93795 | 2.360600 | 1.183874 | 23.74699 | 2.330698 | 2.348314 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.78517 | 4.597822 | 4.743977 | 4.701505 | 4.656463 | 4.754031 | 4.688536 |
| Stddev | .05904 | .008071 | .021865 | .003768 | .013581 | .007757 | .010553 |
| %RSD | .2482413 | .1755451 | .4609086 | .0801434 | .2916562 | .1631755 | .2250884 |
| #1 | 23.77300 | 4.607083 | 4.725135 | 4.697639 | 4.654128 | 4.758179 | 4.689078 |
| #2 | 23.84935 | 4.592284 | 4.738845 | 4.705167 | 4.671060 | 4.745082 | 4.677723 |
| #3 | 23.73315 | 4.594100 | 4.767952 | 4.701709 | 4.644201 | 4.758833 | 4.698809 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV07 Acquired: 5/5/2025 20:19:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.604426 | 4.565138 | 4.765887 |
| Stddev | .015173 | .011952 | .028248 |
| %RSD | .3295229 | .2618201 | .5927023 |
| | | | |
| #1 | 4.591862 | 4.565676 | 4.767496 |
| #2 | 4.600135 | 4.576813 | 4.736870 |
| #3 | 4.621283 | 4.552926 | 4.793296 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3023.829 | 70624.70 | 20577.05 | 1933.957 | 4591.271 |
| Stddev | 9.773 | 132.82 | 55.42 | 8.260 | 23.413 |
| %RSD | .3232020 | .1880668 | .2693223 | .4270973 | .5099398 |
| | | | | | |
| #1 | 3015.373 | 70681.00 | 20542.99 | 1935.387 | 4565.252 |
| #2 | 3034.529 | 70472.99 | 20547.17 | 1925.075 | 4610.636 |
| #3 | 3021.586 | 70720.09 | 20641.00 | 1941.408 | 4597.927 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB07 Acquired: 5/5/2025 20:23:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000142 | .0010953 | -.001364 | .0042795 | .0012243 | .0044797 | -.007364 |
| Stddev | .001320 | .0003973 | .000942 | .0009327 | .0010940 | .0062613 | .000824 |
| %RSD | 928.0393 | 36.27371 | 69.06639 | 21.79477 | 89.35240 | 139.7709 | 11.18412 |
| #1 | -.001402 | .0006495 | -.000283 | .0052182 | .0000096 | .0030011 | -.007412 |
| #2 | .001231 | .0012244 | -.002013 | .0033529 | .0021319 | .0113479 | -.008163 |
| #3 | -.000255 | .0014120 | -.001796 | .0042674 | .0015314 | -.000910 | -.006517 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000038 | -.000403 | .0142908 | -.000175 | -.000128 | .0000220 | .0035717 |
| Stddev | .000002 | .000012 | .0055945 | .000143 | .000261 | .0001575 | .0037095 |
| %RSD | 4.369763 | 2.858260 | 39.14734 | 81.59460 | 204.7004 | 716.7091 | 103.8575 |
| #1 | -.000038 | -.000390 | .0081023 | -.000082 | .000151 | -.000124 | .0026526 |
| #2 | -.000037 | -.000411 | .0157802 | -.000339 | -.000168 | .000189 | .0004082 |
| #3 | -.000040 | -.000409 | .0189898 | -.000103 | -.000366 | .000000 | .0076545 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0056888 | .0179726 | -.000111 | -.000197 | .0116782 | -.001050 | -.000814 |
| Stddev | .0002497 | .0053607 | .000171 | .000204 | .0047922 | .001316 | .000311 |
| %RSD | 4.389528 | 29.82705 | 154.3778 | 103.4643 | 41.03552 | 125.4080 | 38.17069 |
| #1 | .0056040 | .0118589 | .000062 | -.000072 | .0090986 | .000064 | -.000793 |
| #2 | .0059699 | .0201906 | -.000113 | -.000433 | .0087284 | -.000711 | -.000514 |
| #3 | .0054926 | .0218683 | -.000280 | -.000087 | .0172076 | -.002502 | -.001135 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0258715 | .0127466 | -.000123 | -.000237 | -.000006 | .0285274 | .0001722 |
| Stddev | .0194727 | .0009994 | .000310 | .000512 | .000622 | .0125154 | .0030973 |
| %RSD | 75.26700 | 7.840735 | 251.0053 | 216.1173 | 10811.40 | 43.87165 | 1798.780 |
| #1 | .0126054 | .0129817 | .000232 | .000267 | -.000516 | .0167684 | -.003403 |
| #2 | .0482270 | .0136075 | -.000338 | -.000756 | .000687 | .0271316 | .001877 |
| #3 | .0167821 | .0116506 | -.000264 | -.000221 | -.000189 | .0416823 | .002042 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB07 Acquired: 5/5/2025 20:23:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0021499 | .0024087 | -.000599 |
| Stddev | .0041954 | .0010387 | .000040 |
| %RSD | 195.1494 | 43.12308 | 6.640060 |
| | | | |
| #1 | -.002647 | .0031960 | -.000618 |
| #2 | .005135 | .0027987 | -.000553 |
| #3 | .003961 | .0012315 | -.000625 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3063.298 | 72730.33 | 22023.30 | 1982.337 | 4886.161 |
| Stddev | 9.690 | 247.66 | 94.26 | 5.707 | 3.549 |
| %RSD | .3163372 | .3405147 | .4279979 | .2878791 | .0726270 |
| | | | | | |
| #1 | 3071.742 | 72781.25 | 21965.61 | 1987.583 | 4888.287 |
| #2 | 3065.435 | 72948.58 | 22132.08 | 1976.261 | 4888.131 |
| #3 | 3052.718 | 72461.18 | 21972.22 | 1983.167 | 4882.064 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-02 Acquired: 5/5/2025 20:28:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0005093 | -.004051 | .0233083 | .0049004 | .0023304 | .2018527 | .3302079 |
| Stddev | .0038887 | .001328 | .0023992 | .0039759 | .0015018 | .0029591 | .0005897 |
| %RSD | 763.5331 | 32.78758 | 10.29313 | 81.13385 | 64.44465 | 1.465965 | .1785818 |
| #1 | .0049895 | -.005030 | .0254972 | .0074855 | .0024010 | .2038469 | .3307782 |
| #2 | -.001470 | -.002539 | .0207433 | .0003222 | .0007945 | .1984528 | .3302449 |
| #3 | -.001992 | -.004584 | .0236844 | .0068937 | .0037957 | .2032585 | .3296006 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000060 | .0018937 | 12.10842 | .0017051 | .0033695 | 1.330159 | 4.235573 |
| Stddev | .000052 | .0000734 | .04350 | .0002004 | .0001052 | .005156 | .011199 |
| %RSD | 86.42750 | 3.876545 | .3592437 | 11.75313 | 3.122466 | .3876360 | .2644113 |
| #1 | -.000031 | .0018917 | 12.11673 | .0016964 | .0034755 | 1.329287 | 4.229446 |
| #2 | -.000029 | .0018213 | 12.06137 | .0015092 | .0033679 | 1.325494 | 4.228775 |
| #3 | -.000120 | .0019681 | 12.14717 | .0019097 | .0032650 | 1.335695 | 4.248499 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1982418 | 1.092842 | .0446226 | .0000489 | 337.9565 | .0001572 | .4286776 |
| Stddev | .0009784 | .009663 | .0004443 | .0004216 | 1.8768 | .0004330 | .0016699 |
| %RSD | .4935324 | .8842414 | .9956452 | 861.2941 | .5553446 | 275.3740 | .3895404 |
| #1 | .1985712 | 1.103339 | .0441604 | -.000430 | 338.6482 | -.000323 | .4269152 |
| #2 | .1971413 | 1.084316 | .0446609 | .000215 | 335.8319 | .000278 | .4288815 |
| #3 | .1990131 | 1.090871 | .0450464 | .000362 | 339.3892 | .000517 | .4302362 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.127632 | .7514189 | -.000194 | -.003569 | .0001985 | .9534803 | .0111544 |
| Stddev | .049795 | .0023906 | .000149 | .000766 | .0010351 | .0060926 | .0015035 |
| %RSD | 4.415928 | .3181496 | 76.73859 | 21.45584 | 521.4756 | .6389851 | 13.47921 |
| #1 | 1.070721 | .7538738 | -.000261 | -.003302 | .0013766 | .9501228 | .0128277 |
| #2 | 1.163190 | .7490982 | -.000297 | -.002973 | -.000565 | .9498051 | .0099169 |
| #3 | 1.148984 | .7512847 | -.000023 | -.004433 | -.000216 | .9605130 | .0107187 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-02 Acquired: 5/5/2025 20:28:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 1.237383 | -.001037 | .0359517 |
| Stddev | .009054 | .001101 | .0001467 |
| %RSD | .7317115 | 106.1783 | .4079509 |
| | | | |
| #1 | 1.226963 | .000086 | .0361144 |
| #2 | 1.243326 | -.001083 | .0359110 |
| #3 | 1.241861 | -.002115 | .0358296 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2921.805 | 72411.98 | 22502.37 | 1919.267 | 4460.365 |
| Stddev | 8.494 | 230.66 | 46.49 | 2.765 | 10.077 |
| %RSD | .2907178 | .3185421 | .2065875 | .1440529 | .2259200 |
| | | | | | |
| #1 | 2919.477 | 72540.14 | 22457.99 | 1921.560 | 4460.778 |
| #2 | 2931.221 | 72145.70 | 22550.71 | 1916.197 | 4470.229 |
| #3 | 2914.718 | 72550.11 | 22498.40 | 1920.045 | 4450.088 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-03 Acquired: 5/5/2025 20:32:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0097116 | -.002977 | -.000729 | .0026629 | .0345006 | .0657325 | .1235237 |
| Stddev | .0045201 | .001419 | .000922 | .0058730 | .0012290 | .0036790 | .0006065 |
| %RSD | 46.54401 | 47.66911 | 126.5204 | 220.5497 | 3.562285 | 5.596937 | .4910020 |
| #1 | .0090130 | -.001509 | -.001777 | -.001163 | .0359161 | .0670868 | .1228278 |
| #2 | .0145403 | -.004342 | -.000364 | -.000273 | .0338818 | .0615683 | .1239401 |
| #3 | .0055813 | -.003080 | -.000045 | .009425 | .0337041 | .0685424 | .1238031 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000186 | .0140981 | 143.3366 | .0018716 | .0054962 | .0828494 | .3422221 |
| Stddev | .000046 | .0002109 | .3494 | .0001844 | .0000442 | .0004402 | .0036526 |
| %RSD | 24.72040 | 1.496161 | .2437764 | 9.852019 | .8047668 | .5313233 | 1.067321 |
| #1 | -.000180 | .0140593 | 143.2615 | .0016639 | .0055323 | .0823411 | .3446497 |
| #2 | -.000143 | .0139093 | 143.0309 | .0019352 | .0054469 | .0831065 | .3439952 |
| #3 | -.000234 | .0143258 | 143.7175 | .0020159 | .0055094 | .0831006 | .3380214 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3515907 | 9.882606 | .0489036 | -.000561 | 485.3827 | .0006804 | .8892531 |
| Stddev | .0020135 | .044927 | .0001523 | .000442 | 3.2538 | .0008516 | .0093570 |
| %RSD | .5726799 | .4546068 | .3114079 | 78.83655 | .6703551 | 125.1569 | 1.052227 |
| #1 | .3509465 | 9.870821 | .0489226 | -.000979 | 482.5195 | .0011580 | .8872978 |
| #2 | .3499781 | 9.844746 | .0487427 | -.000099 | 488.9211 | -.000303 | .8994333 |
| #3 | .3538475 | 9.932251 | .0490455 | -.000604 | 484.7077 | .001186 | .8810284 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.997739 | 17.78049 | .0150233 | -.006215 | -.004356 | 1.758817 | .0089660 |
| Stddev | .091408 | .12478 | .0000576 | .000357 | .000974 | .029862 | .0028934 |
| %RSD | 1.524042 | .7018067 | .3833906 | 5.752278 | 22.35152 | 1.697828 | 32.27115 |
| #1 | 6.054520 | 17.72507 | .0149569 | -.006626 | -.005350 | 1.739467 | .0097997 |
| #2 | 6.046402 | 17.69302 | .0150596 | -.005978 | -.004314 | 1.793209 | .0057472 |
| #3 | 5.892294 | 17.92339 | .0150534 | -.006041 | -.003404 | 1.743775 | .0113510 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1925-03 Acquired: 5/5/2025 20:32:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 20.55244 | .0027057 | .3327502 |
| Stddev | .02344 | .0005619 | .0009577 |
| %RSD | .1140261 | 20.76563 | .2878248 |
| | | | |
| #1 | 20.54646 | .0020569 | .3336736 |
| #2 | 20.53257 | .0030259 | .3317614 |
| #3 | 20.57828 | .0030342 | .3328157 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2825.569 | 68580.82 | 22255.73 | 1848.627 | 4192.714 |
| Stddev | 1.188 | 451.61 | 194.72 | 17.724 | 10.999 |
| %RSD | .0420551 | .6585144 | .8749384 | .9587865 | .2623451 |
| | | | | | |
| #1 | 2824.279 | 68947.67 | 22350.45 | 1853.306 | 4199.842 |
| #2 | 2825.809 | 68076.43 | 22384.96 | 1829.033 | 4198.253 |
| #3 | 2826.619 | 68718.37 | 22031.76 | 1863.543 | 4180.046 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1928-04 Acquired: 5/5/2025 20:36:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002680 | -.007164 | .0003393 | .0029049 | -.000251 | .0658550 | .2554917 |
| Stddev | .003432 | .001562 | .0009978 | .0010584 | .000787 | .0048824 | .0020176 |
| %RSD | 128.0511 | 21.79780 | 294.0766 | 36.43379 | 314.1429 | 7.413829 | .7896946 |
| #1 | .000181 | -.005362 | .0013945 | .0041242 | .000064 | .0609106 | .2578186 |
| #2 | -.006484 | -.008017 | -.000589 | .0022237 | -.001146 | .0659813 | .2544275 |
| #3 | -.001736 | -.008114 | .000212 | .0023668 | .000331 | .0706729 | .2542289 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000138 | -.000367 | 9.072368 | -.000658 | .0007709 | .0071480 | .3461059 |
| Stddev | .000008 | .000049 | .030641 | .000384 | .0000363 | .0003379 | .0066803 |
| %RSD | 5.498842 | 13.40727 | .3377444 | 58.38103 | 4.705815 | 4.727406 | 1.930126 |
| #1 | -.000142 | -.000410 | 9.098764 | -.000313 | .0008127 | .0069384 | .3485822 |
| #2 | -.000143 | -.000377 | 9.079574 | -.001071 | .0007483 | .0069678 | .3385410 |
| #3 | -.000129 | -.000313 | 9.038766 | -.000589 | .0007516 | .0075378 | .3511943 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.227585 | 1.892204 | .0009843 | -.000355 | 323.8065 | .0001512 | .0462464 |
| Stddev | .005563 | .005473 | .0002724 | .000327 | 2.3155 | .0003067 | .0004942 |
| %RSD | .4531565 | .2892162 | 27.67588 | 92.03776 | .7150756 | 202.8213 | 1.068627 |
| #1 | 1.233017 | 1.886133 | .0012914 | -.000132 | 321.1909 | -.000145 | .0465490 |
| #2 | 1.227838 | 1.896758 | .0008893 | -.000203 | 324.6339 | .000467 | .0465142 |
| #3 | 1.221900 | 1.893721 | .0007720 | -.000730 | 325.5945 | .000132 | .0456761 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9127368 | .0591428 | -.000191 | -.003615 | .0001463 | .5356709 | .0081401 |
| Stddev | .0469170 | .0011257 | .000305 | .000253 | .0004569 | .0079474 | .0018261 |
| %RSD | 5.140254 | 1.903329 | 159.1058 | 6.987748 | 312.2528 | 1.483633 | 22.43402 |
| #1 | .9311898 | .0598444 | -.000503 | -.003894 | .0001542 | .5326829 | .0101530 |
| #2 | .8593989 | .0597396 | -.000177 | -.003402 | .0005993 | .5296507 | .0076777 |
| #3 | .9476217 | .0578444 | .000106 | -.003548 | -.000314 | .5446793 | .0065895 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1928-04 Acquired: 5/5/2025 20:36:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .2271048 | -.002171 | .0371204 |
| Stddev | .0040043 | .000406 | .0002229 |
| %RSD | 1.763211 | 18.69848 | .6004555 |
| | | | |
| #1 | .2282561 | -.002635 | .0373324 |
| #2 | .2226510 | -.001996 | .0368880 |
| #3 | .2304075 | -.001882 | .0371407 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2973.629 | 73018.99 | 22461.72 | 1972.188 | 4506.815 |
| Stddev | 36.379 | 48.49 | 153.37 | 11.071 | 57.090 |
| %RSD | 1.223374 | .0664098 | .6828092 | .5613552 | 1.266749 |
| | | | | | |
| #1 | 2994.143 | 72989.41 | 22368.14 | 1973.736 | 4539.914 |
| #2 | 2995.117 | 72992.62 | 22378.29 | 1960.425 | 4539.639 |
| #3 | 2931.626 | 73074.96 | 22638.72 | 1982.404 | 4440.894 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-03 Acquired: 5/5/2025 20:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001431 | -.004400 | -.001894 | -.000082 | -.000170 | -.009885 | .0358258 |
| Stddev | .003396 | .001902 | .001492 | .007312 | .000951 | .008136 | .0001133 |
| %RSD | 237.3694 | 43.23514 | 78.80394 | 8928.797 | 559.7630 | 82.30681 | .3161315 |
| #1 | .001656 | -.004672 | -.002439 | -.007396 | -.001130 | -.000532 | .0357204 |
| #2 | -.000880 | -.006151 | -.000206 | .007227 | -.000151 | -.015329 | .0359456 |
| #3 | -.005068 | -.002376 | -.003037 | -.000076 | .000771 | -.013795 | .0358115 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000181 | -.000480 | 137.4268 | .0057486 | -.000531 | .0017119 | -.002233 |
| Stddev | .000032 | .000020 | .3609 | .0001619 | .000280 | .0004436 | .002727 |
| %RSD | 17.44388 | 4.194914 | .2626102 | 2.815504 | 52.80907 | 25.91169 | 122.1223 |
| #1 | -.000147 | -.000475 | 137.8312 | .0057131 | -.000854 | .0020614 | -.005104 |
| #2 | -.000188 | -.000463 | 137.3117 | .0059253 | -.000387 | .0012129 | .000321 |
| #3 | -.000209 | -.000503 | 137.1376 | .0056075 | -.000352 | .0018615 | -.001915 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0007273 | .0515022 | .0008040 | -.000398 | 299.1748 | .0031838 | .0003796 |
| Stddev | .0003362 | .0050505 | .0000504 | .000253 | 4.9845 | .0004534 | .0003612 |
| %RSD | 46.21863 | 9.806472 | 6.267383 | 63.68350 | 1.666096 | 14.24042 | 95.15334 |
| #1 | .0004377 | .0474057 | .0008431 | -.000137 | 293.4315 | .0026639 | .0005731 |
| #2 | .0010960 | .0571451 | .0007471 | -.000413 | 301.7196 | .0034973 | -.000037 |
| #3 | .0006483 | .0499556 | .0008216 | -.000643 | 302.3732 | .0033902 | .000603 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.800287 | .0182613 | .0049790 | -.006374 | -.004042 | 2.407045 | .0040428 |
| Stddev | .037062 | .0006056 | .0002266 | .000577 | .000040 | .010328 | .0041488 |
| %RSD | .7720810 | 3.316109 | 4.550340 | 9.051353 | .9959440 | .4290736 | 102.6216 |
| #1 | 4.760745 | .0180474 | .0047222 | -.005793 | -.004064 | 2.395616 | .0017049 |
| #2 | 4.805884 | .0189447 | .0050645 | -.006947 | -.004066 | 2.409810 | .0088330 |
| #3 | 4.834233 | .0177916 | .0051505 | -.006383 | -.003995 | 2.415709 | .0015906 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-03 Acquired: 5/5/2025 20:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 6.069490 | -.019732 | .7021811 |
| Stddev | .031964 | .000998 | .0016551 |
| %RSD | .5266392 | 5.059839 | .2357032 |
| | | | |
| #1 | 6.038564 | -.020600 | .7037511 |
| #2 | 6.067506 | -.018641 | .7004524 |
| #3 | 6.102400 | -.019955 | .7023397 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2874.445 | 70373.52 | 21835.61 | 1872.248 | 4334.922 |
| Stddev | 13.173 | 277.85 | 123.98 | 10.604 | 18.785 |
| %RSD | .4582683 | .3948203 | .5677835 | .5663660 | .4333373 |
| | | | | | |
| #1 | 2882.853 | 70563.20 | 21692.50 | 1866.467 | 4344.915 |
| #2 | 2881.218 | 70502.77 | 21910.28 | 1884.486 | 4346.597 |
| #3 | 2859.264 | 70054.59 | 21904.05 | 1865.791 | 4313.252 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-07 Acquired: 5/5/2025 20:45:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.004491 | -.004921 | .0056768 | -.000562 | .0003555 | .1019372 | .0851927 |
| Stddev | .004852 | .001351 | .0010274 | .003905 | .0030923 | .0024888 | .0006341 |
| %RSD | 108.0309 | 27.45911 | 18.09775 | 694.6051 | 869.8601 | 2.441533 | .7442949 |
| #1 | -.009506 | -.003553 | .0062769 | .002604 | .0037775 | .0999123 | .0858765 |
| #2 | -.004146 | -.006255 | .0062629 | -.004926 | -.002239 | .1011834 | .0850774 |
| #3 | .000179 | -.004955 | .0044905 | .000636 | -.000472 | .1047157 | .0846241 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000194 | -.000457 | 168.1516 | -.000505 | -.000454 | .0022337 | -.000210 |
| Stddev | .000029 | .000096 | .2970 | .000242 | .000118 | .0000628 | .002284 |
| %RSD | 15.12048 | 20.90955 | .1766433 | 48.02764 | 26.05100 | 2.813837 | 1087.340 |
| #1 | -.000210 | -.000530 | 167.8718 | -.000571 | -.000439 | .0021720 | -.002817 |
| #2 | -.000161 | -.000349 | 168.4633 | -.000707 | -.000343 | .0022316 | .000748 |
| #3 | -.000213 | -.000492 | 168.1197 | -.000236 | -.000578 | .0022976 | .001439 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003281 | .0188194 | .0006870 | -.000156 | 317.1830 | .0002236 | .0014748 |
| Stddev | .000074 | .0040762 | .0001739 | .000190 | 1.7763 | .0006408 | .0004678 |
| %RSD | 2.251411 | 21.65960 | 25.31079 | 122.0262 | .5600202 | 286.5842 | 31.71851 |
| #1 | -.003238 | .0144241 | .0004889 | -.000335 | 317.5312 | .0000684 | .0010568 |
| #2 | -.003238 | .0195588 | .0008145 | .000044 | 315.2584 | .0009277 | .0013874 |
| #3 | -.003366 | .0224753 | .0007576 | -.000176 | 318.7595 | -.000325 | .0019801 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.268034 | .0078724 | .0071432 | -.005753 | -.004197 | .4197034 | .0045999 |
| Stddev | .059631 | .0003221 | .0001670 | .000486 | .000169 | .0048817 | .0013874 |
| %RSD | .8204494 | 4.091644 | 2.337431 | 8.454380 | 4.029779 | 1.163139 | 30.16207 |
| #1 | 7.199395 | .0079132 | .0072466 | -.005530 | -.004011 | .4163786 | .0036325 |
| #2 | 7.297627 | .0081721 | .0072324 | -.005419 | -.004341 | .4253080 | .0039776 |
| #3 | 7.307080 | .0075318 | .0069506 | -.006311 | -.004238 | .4174236 | .0061895 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-07 Acquired: 5/5/2025 20:45:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 1.739293 | -.021247 | 1.072182 |
| Stddev | .005935 | .000444 | .005585 |
| %RSD | .3412309 | 2.087833 | .5208616 |
| | | | |
| #1 | 1.740907 | -.020781 | 1.065824 |
| #2 | 1.732718 | -.021665 | 1.074429 |
| #3 | 1.744254 | -.021295 | 1.076294 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2860.417 | 71297.83 | 22474.56 | 1859.755 | 4316.092 |
| Stddev | 7.553 | 112.52 | 103.82 | 7.714 | 7.080 |
| %RSD | .2640366 | .1578132 | .4619420 | .4148123 | .1640371 |
| | | | | | |
| #1 | 2858.631 | 71413.09 | 22355.33 | 1864.612 | 4322.366 |
| #2 | 2868.703 | 71188.27 | 22544.94 | 1850.859 | 4317.495 |
| #3 | 2853.918 | 71292.14 | 22523.42 | 1863.793 | 4308.416 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-11 Acquired: 5/5/2025 20:50:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.002462 | -.004330 | -.000835 | .0009812 | .0002996 | -.034336 | .0433479 |
| Stddev | .002073 | .000853 | .000884 | .0044577 | .0022292 | .001615 | .0014173 |
| %RSD | 84.17875 | 19.69811 | 105.8700 | 454.3322 | 744.0791 | 4.702801 | 3.269695 |
| #1 | -.000214 | -.005169 | -.001837 | -.002620 | .0022716 | -.036191 | .0421065 |
| #2 | -.002875 | -.004358 | -.000163 | .005967 | .0007464 | -.033241 | .0430450 |
| #3 | -.004298 | -.003464 | -.000506 | -.000404 | -.002119 | -.033576 | .0448922 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000210 | -.000348 | 179.8494 | .0011179 | -.000747 | .0021908 | -.002161 |
| Stddev | .000031 | .000051 | .5062 | .0003300 | .000153 | .0002583 | .004239 |
| %RSD | 14.89811 | 14.73550 | .2814604 | 29.51777 | 20.50054 | 11.78826 | 196.1395 |
| #1 | -.000177 | -.000371 | 179.3353 | .0014988 | -.000669 | .0019306 | -.006830 |
| #2 | -.000213 | -.000383 | 179.8655 | .0009308 | -.000648 | .0021946 | .001447 |
| #3 | -.000239 | -.000289 | 180.3474 | .0009239 | -.000923 | .0024470 | -.001100 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059813 | .0882763 | .0005309 | -.000256 | 372.8113 | .0074177 | .0003620 |
| Stddev | .0002881 | .0088389 | .0002883 | .000310 | 2.7923 | .0010362 | .0001010 |
| %RSD | 4.816405 | 10.01283 | 54.29684 | 121.0518 | .7489819 | 13.96857 | 27.90808 |
| #1 | .0060736 | .0804559 | .0008532 | -.000027 | 370.8045 | .0062985 | .0004443 |
| #2 | .0056584 | .0865069 | .0002977 | -.000133 | 376.0002 | .0083435 | .0002493 |
| #3 | .0062120 | .0978661 | .0004418 | -.000609 | 371.6292 | .0076111 | .0003925 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.744478 | .0238000 | .0053969 | -.006329 | -.004732 | 4.072157 | .0014459 |
| Stddev | .052611 | .0006979 | .0000797 | .001009 | .000515 | .029135 | .0013541 |
| %RSD | 1.108889 | 2.932335 | 1.477028 | 15.93866 | 10.89167 | .7154634 | 93.65228 |
| #1 | 4.777333 | .0230552 | .0054829 | -.007108 | -.004877 | 4.105679 | -.000001 |
| #2 | 4.683797 | .0239059 | .0053254 | -.006690 | -.004160 | 4.057860 | .002683 |
| #3 | 4.772303 | .0244388 | .0053823 | -.005190 | -.005159 | 4.052933 | .001656 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1929-11 Acquired: 5/5/2025 20:50:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | 9.390076 | -.026519 | .8146874 |
| Stddev | .034845 | .000419 | .0010952 |
| %RSD | .3710838 | 1.579418 | .1344299 |
| | | | |
| #1 | 9.429095 | -.026048 | .8148989 |
| #2 | 9.362062 | -.026851 | .8135018 |
| #3 | 9.379072 | -.026657 | .8156613 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2824.557 | 69683.56 | 20691.21 | 1847.641 | 4201.450 |
| Stddev | 5.799 | 108.19 | 134.58 | 1.706 | 12.104 |
| %RSD | .2052987 | .1552532 | .6504333 | .0923285 | .2880910 |
| | | | | | |
| #1 | 2818.041 | 69722.70 | 20846.55 | 1845.700 | 4190.246 |
| #2 | 2829.148 | 69766.72 | 20609.70 | 1848.906 | 4199.816 |
| #3 | 2826.484 | 69561.25 | 20617.38 | 1848.316 | 4214.288 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-02 Acquired: 5/5/2025 20:54:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003824 | -.003664 | -.001456 | .0035705 | .0012434 | .3721787 | .1561850 |
| Stddev | .002398 | .000597 | .001676 | .0037215 | .0024433 | .0041640 | .0012311 |
| %RSD | 62.70624 | 16.30273 | 115.0793 | 104.2302 | 196.5025 | 1.118831 | .7882266 |
| #1 | -.005052 | -.003099 | -.001804 | .0026149 | .0018506 | .3768773 | .1573698 |
| #2 | -.001061 | -.004289 | .000366 | .0004200 | .0033259 | .3689452 | .1562728 |
| #3 | -.005359 | -.003605 | -.002931 | .0076766 | -.001446 | .3707136 | .1549123 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000103 | -.000416 | 23.27928 | .0003616 | .0056855 | .0143126 | .3850491 |
| Stddev | .000062 | .000087 | .15635 | .0001721 | .0000681 | .0003006 | .0044624 |
| %RSD | 60.16707 | 20.89477 | .6716196 | 47.60743 | 1.197360 | 2.099958 | 1.158911 |
| #1 | -.000172 | -.000390 | 23.45268 | .0004307 | .0056107 | .0139699 | .3890602 |
| #2 | -.000052 | -.000345 | 23.23613 | .0001656 | .0057021 | .0145313 | .3802424 |
| #3 | -.000085 | -.000513 | 23.14905 | .0004884 | .0057438 | .0144367 | .3858448 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5069908 | 2.021911 | .0070247 | -.000144 | 301.1137 | .0004809 | .0604070 |
| Stddev | .0027159 | .008197 | .0000627 | .000250 | 3.0935 | .0009558 | .0006996 |
| %RSD | .5356816 | .4054073 | .8923575 | 173.8308 | 1.027349 | 198.7476 | 1.158215 |
| #1 | .5093979 | 2.029203 | .0070729 | -.000354 | 303.9370 | -.000560 | .0608827 |
| #2 | .5075280 | 2.023491 | .0069538 | .000132 | 301.5970 | .000683 | .0607347 |
| #3 | .5040464 | 2.013040 | .0070473 | -.000209 | 297.8070 | .001319 | .0596037 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.222431 | .0200302 | -.000151 | -.004633 | .0143164 | 1.561026 | .0218067 |
| Stddev | .022214 | .0006020 | .000212 | .000456 | .0006328 | .002725 | .0010223 |
| %RSD | 1.817232 | 3.005571 | 140.2647 | 9.839380 | 4.420043 | .1745555 | 4.688092 |
| #1 | 1.224498 | .0203411 | -.000127 | -.005146 | .0140115 | 1.558212 | .0229054 |
| #2 | 1.243540 | .0193362 | -.000374 | -.004276 | .0150439 | 1.563652 | .0216311 |
| #3 | 1.199256 | .0204131 | .000048 | -.004476 | .0138938 | 1.561214 | .0208835 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-02 Acquired: 5/5/2025 20:54:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4641955 | -.004457 | .0527860 |
| Stddev | .0017320 | .000608 | .0002740 |
| %RSD | .3731249 | 13.64499 | .5190308 |
| | | | |
| #1 | .4656882 | -.004912 | .0530992 |
| #2 | .4622964 | -.003766 | .0525907 |
| #3 | .4646018 | -.004693 | .0526681 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2947.447 | 73339.27 | 22170.65 | 1975.673 | 4418.490 |
| Stddev | 10.912 | 231.92 | 278.24 | 7.936 | 11.762 |
| %RSD | .3702065 | .3162301 | 1.254996 | .4016796 | .2662073 |
| | | | | | |
| #1 | 2953.983 | 73490.66 | 21907.15 | 1968.025 | 4428.806 |
| #2 | 2953.508 | 73072.26 | 22143.19 | 1975.126 | 4420.983 |
| #3 | 2934.851 | 73454.88 | 22461.60 | 1983.869 | 4405.681 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-04 Acquired: 5/5/2025 20:59:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000956 | -.004922 | -.001413 | .0009768 | -.000047 | .0438982 | .1238704 |
| Stddev | .001107 | .000353 | .001142 | .0021465 | .001257 | .0069653 | .0010698 |
| %RSD | 115.7426 | 7.163845 | 80.82069 | 219.7501 | 2691.410 | 15.86682 | .8636080 |
| #1 | -.000986 | -.004967 | -.000153 | -.001448 | .000178 | .0416854 | .1243649 |
| #2 | .000165 | -.004549 | -.001708 | .001744 | .001083 | .0517011 | .1246035 |
| #3 | -.002049 | -.005250 | -.002379 | .002635 | -.001400 | .0383082 | .1226429 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000095 | -.000346 | 16.84195 | -.000169 | .0056500 | .0135366 | -.004422 |
| Stddev | .000038 | .000054 | .08027 | .000329 | .0000646 | .0003853 | .001808 |
| %RSD | 39.72850 | 15.58835 | .4765963 | 194.6572 | 1.143485 | 2.846146 | 40.88876 |
| #1 | -.000098 | -.000387 | 16.88348 | -.000443 | .0056717 | .0139035 | -.004210 |
| #2 | -.000130 | -.000367 | 16.89295 | .000195 | .0055773 | .0131352 | -.002729 |
| #3 | -.000055 | -.000285 | 16.74943 | -.000258 | .0057010 | .0135710 | -.006327 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7171429 | 1.655461 | .0041992 | -.000727 | 273.2217 | -.000198 | .0755413 |
| Stddev | .0040873 | .009578 | .0002928 | .000154 | 3.8978 | .000368 | .0003186 |
| %RSD | .5699449 | .5785718 | 6.972922 | 21.20244 | 1.426625 | 185.5328 | .4217508 |
| #1 | .7193776 | 1.645489 | .0041050 | -.000575 | 269.5123 | .000222 | .0753167 |
| #2 | .7196256 | 1.664589 | .0039650 | -.000724 | 277.2840 | -.000355 | .0759059 |
| #3 | .7124254 | 1.656306 | .0045275 | -.000883 | 272.8689 | -.000462 | .0754012 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8797842 | .0131843 | -.000398 | -.003486 | -.000289 | .7572860 | .0130097 |
| Stddev | .0283091 | .0006328 | .000308 | .000641 | .000525 | .0142275 | .0023014 |
| %RSD | 3.217733 | 4.799585 | 77.30218 | 18.38486 | 181.7764 | 1.878745 | 17.68970 |
| #1 | .8818445 | .0138191 | -.000645 | -.002818 | -.000351 | .7415559 | .0107673 |
| #2 | .9070068 | .0131804 | -.000497 | -.003545 | -.000779 | .7610468 | .0128960 |
| #3 | .8505012 | .0125535 | -.000053 | -.004096 | .000264 | .7692552 | .0153658 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-04 Acquired: 5/5/2025 20:59:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .2773052 | -.004138 | .0472797 |
| Stddev | .0029872 | .000391 | .0001563 |
| %RSD | 1.077239 | 9.440869 | .3306327 |
| | | | |
| #1 | .2769312 | -.004282 | .0473990 |
| #2 | .2804619 | -.003696 | .0473374 |
| #3 | .2745226 | -.004436 | .0471027 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2971.996 | 70434.31 | 21030.30 | 1946.040 | 4467.616 |
| Stddev | 4.821 | 103.59 | 101.05 | 6.588 | 6.150 |
| %RSD | .1622137 | .1470718 | .4805117 | .3385458 | .1376609 |
| | | | | | |
| #1 | 2976.917 | 70553.65 | 20993.59 | 1940.730 | 4474.612 |
| #2 | 2971.787 | 70381.68 | 20952.73 | 1953.413 | 4465.173 |
| #3 | 2967.282 | 70367.60 | 21144.57 | 1943.977 | 4463.063 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-06 Acquired: 5/5/2025 21:03:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001320 | -.004467 | -.000927 | .0000234 | -.000085 | .1484049 | .1686657 |
| Stddev | .002791 | .001008 | .001289 | .0017975 | .001269 | .0047872 | .0014018 |
| %RSD | 211.4551 | 22.55599 | 138.9709 | 7684.602 | 1488.937 | 3.225786 | .8310908 |
| #1 | -.001887 | -.005007 | .000477 | -.000646 | -.000379 | .1478406 | .1702831 |
| #2 | -.003784 | -.005090 | -.002056 | .002060 | -.001181 | .1439248 | .1678033 |
| #3 | .001711 | -.003305 | -.001203 | -.001344 | .001305 | .1534493 | .1679106 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000046 | -.000287 | 21.67501 | -.000391 | .0056431 | .0112280 | .1252141 |
| Stddev | .000020 | .000022 | .05551 | .000271 | .0000674 | .0001764 | .0018549 |
| %RSD | 43.23750 | 7.548098 | .2561056 | 69.38663 | 1.193825 | 1.571372 | 1.481368 |
| #1 | -.000058 | -.000310 | 21.73687 | -.000590 | .0055848 | .0110297 | .1244498 |
| #2 | -.000056 | -.000286 | 21.62954 | -.000082 | .0056278 | .0113677 | .1238635 |
| #3 | -.000023 | -.000267 | 21.65862 | -.000500 | .0057168 | .0112866 | .1273290 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4612182 | 1.379099 | .0091183 | -.000534 | 314.5470 | -.000903 | .0804097 |
| Stddev | .0018038 | .008158 | .0001644 | .000317 | 1.4620 | .001591 | .0003504 |
| %RSD | .3910848 | .5915509 | 1.803330 | 59.32233 | .4647856 | 176.2278 | .4357756 |
| #1 | .4632561 | 1.371717 | .0093081 | -.000814 | 312.9784 | .000887 | .0804293 |
| #2 | .4598268 | 1.387858 | .0090217 | -.000190 | 315.8716 | -.002157 | .0800499 |
| #3 | .4605716 | 1.377721 | .0090250 | -.000597 | 314.7911 | -.001438 | .0807498 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.239085 | .0165537 | -.000271 | -.003894 | .0040788 | 1.119314 | .0085484 |
| Stddev | .010134 | .0006137 | .000180 | .000180 | .0007399 | .013400 | .0007585 |
| %RSD | .8178532 | 3.707459 | 66.34632 | 4.630015 | 18.14062 | 1.197132 | 8.872883 |
| #1 | 1.228526 | .0164293 | -.000216 | -.003872 | .0049050 | 1.105732 | .0092102 |
| #2 | 1.248732 | .0172200 | -.000472 | -.004085 | .0034772 | 1.119686 | .0077207 |
| #3 | 1.239996 | .0160116 | -.000125 | -.003726 | .0038543 | 1.132524 | .0087144 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-06 Acquired: 5/5/2025 21:03:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .4786540 | -.004814 | .0442760 |
| Stddev | .0104741 | .001078 | .0002063 |
| %RSD | 2.188243 | 22.38208 | .4660033 |
| | | | |
| #1 | .4716632 | -.005952 | .0443120 |
| #2 | .4736022 | -.003809 | .0444619 |
| #3 | .4906966 | -.004681 | .0440540 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2908.297 | 69445.06 | 22100.97 | 1890.229 | 4366.483 |
| Stddev | 26.461 | 477.60 | 91.83 | 16.383 | 45.189 |
| %RSD | .9098538 | .6877376 | .4154942 | .8667156 | 1.034908 |
| | | | | | |
| #1 | 2922.210 | 69962.28 | 22025.97 | 1908.899 | 4389.215 |
| #2 | 2924.899 | 69352.18 | 22073.56 | 1883.535 | 4395.792 |
| #3 | 2877.782 | 69020.73 | 22203.38 | 1878.253 | 4314.441 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV08 Acquired: 5/5/2025 21:07:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.786536 | 4.672706 | 4.766885 | 4.801830 | 4.761859 | 9.245611 | 9.385912 |
| Stddev | .020226 | .031789 | .017171 | .017927 | .020973 | .022817 | .084023 |
| %RSD | .4225660 | .6803223 | .3602217 | .3733267 | .4404428 | .2467863 | .8952046 |
| #1 | 4.764228 | 4.638211 | 4.759708 | 4.785399 | 4.737651 | 9.262370 | 9.351200 |
| #2 | 4.803677 | 4.700822 | 4.754467 | 4.820949 | 4.774541 | 9.219626 | 9.481730 |
| #3 | 4.791704 | 4.679085 | 4.786480 | 4.799142 | 4.773387 | 9.254837 | 9.324807 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2318519 | 2.384552 | 23.30054 | .9614089 | 2.364769 | 1.190292 | 4.869179 |
| Stddev | .0004998 | .012261 | .06532 | .0052990 | .011219 | .004954 | .035080 |
| %RSD | .2155746 | .5141762 | .2803540 | .5511734 | .4744082 | .4162172 | .7204443 |
| #1 | .2314759 | 2.380423 | 23.37270 | .9615145 | 2.357099 | 1.184864 | 4.903094 |
| #2 | .2316607 | 2.374888 | 23.24544 | .9560579 | 2.359563 | 1.191442 | 4.833040 |
| #3 | .2324191 | 2.398344 | 23.28349 | .9666544 | 2.377645 | 1.194571 | 4.871404 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.306865 | 23.32386 | 2.380449 | 1.179341 | 23.65167 | 2.342388 | 2.350970 |
| Stddev | .004373 | .03402 | .011437 | .006921 | .12603 | .006969 | .022240 |
| %RSD | .1895505 | .1458779 | .4804527 | .5868365 | .5328779 | .2975357 | .9459928 |
| #1 | 2.310655 | 23.33131 | 2.376288 | 1.178084 | 23.77116 | 2.349174 | 2.353252 |
| #2 | 2.307859 | 23.28674 | 2.371675 | 1.173135 | 23.51998 | 2.342742 | 2.327677 |
| #3 | 2.302081 | 23.35355 | 2.393384 | 1.186804 | 23.66388 | 2.335249 | 2.371981 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.44282 | 4.601407 | 4.781920 | 4.759316 | 4.635235 | 4.712557 | 4.728390 |
| Stddev | .11944 | .025470 | .018232 | .020293 | .011867 | .036177 | .004970 |
| %RSD | .5094836 | .5535160 | .3812698 | .4263919 | .2560235 | .7676642 | .1051001 |
| #1 | 23.52701 | 4.577489 | 4.761878 | 4.753670 | 4.648698 | 4.726582 | 4.725527 |
| #2 | 23.30612 | 4.598547 | 4.786361 | 4.742444 | 4.630720 | 4.671467 | 4.725513 |
| #3 | 23.49532 | 4.628186 | 4.797521 | 4.781835 | 4.626289 | 4.739620 | 4.734128 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV08 Acquired: 5/5/2025 21:07:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.685800 | 4.504971 | 4.706816 |
| Stddev | .009411 | .011509 | .015969 |
| %RSD | .2008370 | .2554729 | .3392795 |
| | | | |
| #1 | 4.679620 | 4.518259 | 4.688530 |
| #2 | 4.681150 | 4.498121 | 4.713900 |
| #3 | 4.696631 | 4.498534 | 4.718018 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2983.417 | 71309.41 | 20586.31 | 1926.540 | 4529.818 |
| Stddev | 7.768 | 342.75 | 53.13 | 15.129 | 18.816 |
| %RSD | .2603767 | .4806474 | .2580858 | .7852929 | .4153765 |
| | | | | | |
| #1 | 2991.480 | 70973.41 | 20529.21 | 1916.820 | 4539.333 |
| #2 | 2982.790 | 71658.53 | 20595.43 | 1943.971 | 4541.976 |
| #3 | 2975.981 | 71296.30 | 20634.29 | 1918.829 | 4508.145 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB08 Acquired: 5/5/2025 21:12:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0003174 | .0005616 | -.000972 | -.001173 | -.000567 | -.013949 | -.005723 |
| Stddev | .0030484 | .0025313 | .001278 | .001417 | .002337 | .010248 | .001864 |
| %RSD | 960.4940 | 450.7567 | 131.4708 | 120.8909 | 411.8829 | 73.46927 | 32.57263 |
| #1 | .0028869 | -.000862 | -.001537 | -.001845 | -.003051 | -.013810 | -.005785 |
| #2 | -.003051 | -.000937 | .000491 | .000456 | -.000241 | -.024266 | -.007555 |
| #3 | .001116 | .003484 | -.001870 | -.002128 | .001589 | -.003771 | -.003828 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000078 | -.000442 | -.000152 | .0001448 | -.000223 | -.000107 | -.016253 |
| Stddev | .000082 | .000048 | .005761 | .0002486 | .000114 | .000330 | .001884 |
| %RSD | 104.2353 | 10.90591 | 3782.676 | 171.7111 | 51.26444 | 310.0844 | 11.59330 |
| #1 | -.000108 | -.000386 | .006272 | .0002386 | -.000255 | .000197 | -.016982 |
| #2 | -.000141 | -.000465 | -.004858 | .0003328 | -.000317 | -.000458 | -.014113 |
| #3 | .000014 | -.000474 | -.001871 | -.000137 | -.000096 | -.000058 | -.017664 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0055415 | .0093492 | .0000395 | -.000211 | .1085661 | -.000837 | -.000813 |
| Stddev | .0002922 | .0133866 | .0001025 | .000078 | .0028238 | .000760 | .000224 |
| %RSD | 5.273473 | 143.1845 | 259.1078 | 36.93914 | 2.601015 | 90.77228 | 27.50778 |
| #1 | .0054182 | -.003950 | .0000335 | -.000169 | .1116604 | .000001 | -.000896 |
| #2 | .0053312 | .009177 | -.000060 | -.000163 | .1079094 | -.001031 | -.000983 |
| #3 | .0058752 | .022821 | .000145 | -.000301 | .1061285 | -.001482 | -.000560 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0667517 | .0092288 | -.000225 | -.000591 | .0001357 | .0131081 | -.000412 |
| Stddev | .0326291 | .0005954 | .000131 | .000939 | .0005994 | .0061623 | .002415 |
| %RSD | 48.88131 | 6.451828 | 58.10621 | 158.9448 | 441.7545 | 47.01185 | 586.4501 |
| #1 | .0330567 | .0097828 | -.000306 | -.001184 | .0008230 | .0100046 | .002235 |
| #2 | .0689996 | .0093042 | -.000074 | -.001081 | -.000137 | .0091144 | -.002496 |
| #3 | .0981987 | .0085992 | -.000296 | .000492 | -.000279 | .0202052 | -.000975 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB08 Acquired: 5/5/2025 21:12:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.000629 | .0053592 | -.000581 |
| Stddev | .001868 | .0003347 | .000021 |
| %RSD | 297.0725 | 6.244541 | 3.535191 |
| | | | |
| #1 | -.001741 | .0056566 | -.000592 |
| #2 | -.001673 | .0054242 | -.000595 |
| #3 | .001528 | .0049968 | -.000558 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3060.235 | 72996.16 | 19836.03 | 2000.755 | 4867.605 |
| Stddev | 21.468 | 472.87 | 57.38 | 10.735 | 45.220 |
| %RSD | .7015157 | .6478047 | .2892844 | .5365267 | .9290037 |
| | | | | | |
| #1 | 3064.886 | 72495.43 | 19902.24 | 1989.437 | 4882.367 |
| #2 | 3078.997 | 73057.94 | 19800.82 | 2002.038 | 4903.600 |
| #3 | 3036.823 | 73435.11 | 19805.03 | 2010.791 | 4816.849 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-08 Acquired: 5/5/2025 21:16:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.004110 | -.004394 | -.002441 | .0033079 | -.000633 | .0214549 | .1999054 |
| Stddev | .002830 | .002143 | .001173 | .0020913 | .001228 | .0024961 | .0004321 |
| %RSD | 68.86415 | 48.78490 | 48.06800 | 63.22157 | 194.0170 | 11.63437 | .2161584 |
| #1 | -.002261 | -.005283 | -.002732 | .0028711 | .000760 | .0239753 | .2000116 |
| #2 | -.007368 | -.001949 | -.003442 | .0055831 | -.001098 | .0189837 | .2002746 |
| #3 | -.002701 | -.005950 | -.001150 | .0014695 | -.001561 | .0214057 | .1994301 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000142 | -.000220 | 22.57460 | -.000639 | .0010681 | .0091555 | -.007509 |
| Stddev | .000047 | .000011 | .01398 | .000126 | .0000785 | .0006437 | .001761 |
| %RSD | 32.92956 | 5.219228 | .0619155 | 19.66451 | 7.348408 | 7.030894 | 23.45603 |
| #1 | -.000140 | -.000230 | 22.57600 | -.000784 | .0011107 | .0092268 | -.009532 |
| #2 | -.000096 | -.000222 | 22.58782 | -.000565 | .0009776 | .0084792 | -.006669 |
| #3 | -.000189 | -.000208 | 22.55997 | -.000569 | .0011162 | .0097607 | -.006324 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4174331 | 2.635953 | .0051583 | -.000615 | 291.6707 | -.000846 | .0600264 |
| Stddev | .0011338 | .011696 | .0003449 | .000407 | 1.5436 | .001478 | .0008084 |
| %RSD | .2716128 | .4437128 | 6.685439 | 66.20913 | .5292327 | 174.7888 | 1.346650 |
| #1 | .4162388 | 2.645928 | .0048184 | -.000839 | 293.0972 | -.002479 | .0607151 |
| #2 | .4175658 | 2.638851 | .0055079 | -.000145 | 290.0320 | .000401 | .0591364 |
| #3 | .4184948 | 2.623081 | .0051486 | -.000862 | 291.8830 | -.000459 | .0602277 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8837113 | .0185805 | -.000323 | -.002173 | -.000238 | .8876202 | .0080512 |
| Stddev | .0135098 | .0004727 | .000170 | .000488 | .000539 | .0114984 | .0010682 |
| %RSD | 1.528759 | 2.543929 | 52.62330 | 22.47887 | 226.7769 | 1.295423 | 13.26738 |
| #1 | .8991646 | .0181568 | -.000505 | -.002444 | .000367 | .9006112 | .0090175 |
| #2 | .8778320 | .0184944 | -.000295 | -.001609 | -.000669 | .8834995 | .0082319 |
| #3 | .8741374 | .0190903 | -.000168 | -.002465 | -.000411 | .8787499 | .0069042 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1932-08 Acquired: 5/5/2025 21:16:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3588896 | -.004869 | .0561042 |
| Stddev | .0019017 | .001237 | .0003164 |
| %RSD | .5298799 | 25.39685 | .5639350 |
| | | | |
| #1 | .3604859 | -.003506 | .0557465 |
| #2 | .3593972 | -.005919 | .0562186 |
| #3 | .3567856 | -.005182 | .0563475 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2935.846 | 70447.13 | 20748.55 | 1946.319 | 4394.163 |
| Stddev | .361 | 462.36 | 110.82 | 12.991 | 5.539 |
| %RSD | .0122802 | .6563235 | .5340965 | .6674783 | .1260469 |
| | | | | | |
| #1 | 2935.469 | 70040.48 | 20627.30 | 1935.535 | 4400.308 |
| #2 | 2936.187 | 70950.05 | 20773.77 | 1960.742 | 4389.557 |
| #3 | 2935.881 | 70350.87 | 20844.58 | 1942.681 | 4392.623 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-04 Acquired: 5/5/2025 21:20:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003055 | -.003097 | -.000799 | .0029326 | .0012843 | .0611559 | .2826779 |
| Stddev | .003202 | .002234 | .000574 | .0045641 | .0012086 | .0040513 | .0014249 |
| %RSD | 104.7977 | 72.12030 | 71.84809 | 155.6367 | 94.10995 | 6.624490 | .5040539 |
| #1 | -.006729 | -.005071 | -.001381 | .0035710 | .0022099 | .0593959 | .2830657 |
| #2 | -.001575 | -.003548 | -.000785 | -.001917 | .0017260 | .0582823 | .2810993 |
| #3 | -.000861 | -.000672 | -.000232 | .007144 | -.000083 | .0657895 | .2838687 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000149 | -.000438 | 6.328267 | -.000608 | .0054056 | .0099204 | 2.236344 |
| Stddev | .0000454 | .000044 | .015566 | .000353 | .0001752 | .0000469 | .022430 |
| %RSD | 305.1975 | 10.06869 | .2459819 | 58.04274 | 3.240456 | .4729340 | 1.002955 |
| #1 | .0000599 | -.000450 | 6.318199 | -.000243 | .0052045 | .0098842 | 2.261474 |
| #2 | -.000031 | -.000475 | 6.346196 | -.000633 | .0055249 | .0099734 | 2.229205 |
| #3 | .000016 | -.000389 | 6.320406 | -.000947 | .0054874 | .0099035 | 2.218353 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.296297 | 1.206499 | .0023684 | -.000224 | 313.4613 | -.000551 | .0799010 |
| Stddev | .001864 | .017500 | .0002240 | .000295 | 1.8130 | .001112 | .0015219 |
| %RSD | .1437724 | 1.450498 | 9.455736 | 131.9394 | .5783905 | 201.9229 | 1.904725 |
| #1 | 1.296659 | 1.219894 | .0021525 | .000091 | 314.9976 | -.001640 | .0812873 |
| #2 | 1.294279 | 1.186699 | .0023532 | -.000268 | 311.4615 | .000584 | .0782725 |
| #3 | 1.297954 | 1.212904 | .0025996 | -.000494 | 313.9249 | -.000597 | .0801431 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6032737 | .0420682 | -.000406 | -.003462 | -.000479 | .6158992 | .0097065 |
| Stddev | .0153503 | .0008173 | .000149 | .000644 | .000380 | .0016856 | .0034097 |
| %RSD | 2.544493 | 1.942710 | 36.79745 | 18.60020 | 79.22254 | .2736847 | 35.12821 |
| #1 | .6111809 | .0428366 | -.000533 | -.003146 | -.000638 | .6139528 | .0057732 |
| #2 | .5855819 | .0412095 | -.000444 | -.004203 | -.000046 | .6168814 | .0118261 |
| #3 | .6130583 | .0421586 | -.000241 | -.003038 | -.000754 | .6168633 | .0115200 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-04 Acquired: 5/5/2025 21:20:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .5729072 | -.002590 | .0456284 |
| Stddev | .0067341 | .000700 | .0003790 |
| %RSD | 1.175420 | 27.01176 | .8305087 |
| | | | |
| #1 | .5651421 | -.003328 | .0460366 |
| #2 | .5771431 | -.001937 | .0452878 |
| #3 | .5764365 | -.002505 | .0455606 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2937.091 | 69738.72 | 21710.59 | 1927.960 | 4399.356 |
| Stddev | 9.718 | 509.05 | 88.15 | 12.079 | 15.205 |
| %RSD | .3308640 | .7299423 | .4060148 | .6265352 | .3456126 |
| | | | | | |
| #1 | 2931.138 | 69182.01 | 21796.73 | 1914.478 | 4383.829 |
| #2 | 2948.305 | 70180.45 | 21714.50 | 1937.796 | 4414.217 |
| #3 | 2931.829 | 69853.69 | 21620.56 | 1931.607 | 4400.023 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08 Acquired: 5/5/2025 21:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.003237 | -.002320 | .0014035 | .0018227 | .0009939 | .0441166 | .3870011 |
| Stddev | .003940 | .001495 | .0007247 | .0026069 | .0009450 | .0029481 | .0009716 |
| %RSD | 121.7124 | 64.43752 | 51.63373 | 143.0230 | 95.07989 | 6.682553 | .2510608 |
| #1 | -.007289 | -.004033 | .0021247 | .0046910 | .0020592 | .0470004 | .3878835 |
| #2 | -.003003 | -.001644 | .0006755 | -.000403 | .0002566 | .0411081 | .3859599 |
| #3 | .000580 | -.001282 | .0014102 | .001180 | .0006660 | .0442414 | .3871599 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000023 | -.000363 | 8.915505 | .0000680 | .0098246 | .0144197 | .3083192 |
| Stddev | .000029 | .000048 | .005153 | .0001842 | .0000808 | .0005541 | .0038013 |
| %RSD | 124.0153 | 13.17739 | .0577997 | 271.0777 | .8224661 | 3.842290 | 1.232921 |
| #1 | -.000022 | -.000395 | 8.919780 | .0000689 | .0098334 | .0139416 | .3124731 |
| #2 | -.000052 | -.000308 | 8.909783 | -.000117 | .0097397 | .0142907 | .3074707 |
| #3 | .000005 | -.000386 | 8.916952 | .000252 | .0099006 | .0150269 | .3050138 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.719026 | 4.139624 | .0075245 | -.000431 | 311.4667 | -.000703 | .0767900 |
| Stddev | .006947 | .014063 | .0000628 | .000370 | 1.7972 | .001800 | .0001160 |
| %RSD | .2554776 | .3397052 | .8348198 | 85.97004 | .5770175 | 256.2127 | .1511084 |
| #1 | 2.726881 | 4.137398 | .0075933 | -.000563 | 312.2909 | -.002238 | .0768342 |
| #2 | 2.713694 | 4.126807 | .0074701 | -.000716 | 309.4052 | -.001149 | .0768775 |
| #3 | 2.716502 | 4.154667 | .0075102 | -.000012 | 312.7039 | .001279 | .0766584 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4864443 | .0411349 | -.000418 | -.002787 | -.000464 | .6129299 | .0115520 |
| Stddev | .0348575 | .0009620 | .000301 | .000863 | .000440 | .0079409 | .0014969 |
| %RSD | 7.165776 | 2.338529 | 71.99903 | 30.94669 | 94.80116 | 1.295567 | 12.95756 |
| #1 | .4471204 | .0422450 | -.000414 | -.002198 | -.000358 | .6199663 | .0129491 |
| #2 | .4986717 | .0405482 | -.000722 | -.003777 | -.000946 | .6145034 | .0117346 |
| #3 | .5135407 | .0406114 | -.000119 | -.002386 | -.000086 | .6043201 | .0099722 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08 Acquired: 5/5/2025 21:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3306344 | -.002204 | .0595372 |
| Stddev | .0071768 | .001263 | .0002303 |
| %RSD | 2.170623 | 57.30787 | .3868789 |
| | | | |
| #1 | .3223669 | -.003383 | .0595243 |
| #2 | .3342744 | -.002358 | .0597737 |
| #3 | .3352618 | -.000871 | .0593136 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2903.444 | 69069.33 | 21189.11 | 1875.452 | 4360.383 |
| Stddev | 11.010 | 204.47 | 51.47 | 4.642 | 16.969 |
| %RSD | .3791937 | .2960361 | .2428920 | .2475130 | .3891626 |
| | | | | | |
| #1 | 2909.851 | 68833.26 | 21152.93 | 1870.230 | 4372.571 |
| #2 | 2909.751 | 69184.45 | 21166.38 | 1879.112 | 4367.575 |
| #3 | 2890.731 | 69190.30 | 21248.03 | 1877.013 | 4341.002 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08DUP Acquired: 5/5/2025 21:29:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0007783 | -.003169 | .0032375 | .0052735 | -.000536 | .0421771 | .4369681 |
| Stddev | .0015389 | .000480 | .0029341 | .0038400 | .002163 | .0061992 | .0025598 |
| %RSD | 197.7225 | 15.14703 | 90.63020 | 72.81808 | 403.6521 | 14.69796 | .5857968 |
| #1 | .0024623 | -.003659 | .0033639 | .0008400 | .001945 | .0431727 | .4382045 |
| #2 | -.000555 | -.003148 | .0002422 | .0075571 | -.002020 | .0355404 | .4386749 |
| #3 | .000428 | -.002700 | .0061063 | .0074234 | -.001533 | .0478183 | .4340249 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000068 | -.000239 | 9.992488 | -.000032 | .0112407 | .0165966 | .3598773 |
| Stddev | .000100 | .000027 | .029789 | .000302 | .0000604 | .0001407 | .0098903 |
| %RSD | 146.0635 | 11.20422 | .2981153 | 935.1037 | .5375775 | .8477389 | 2.748239 |
| #1 | -.000059 | -.000264 | 10.01866 | .000205 | .0112966 | .0167207 | .3510947 |
| #2 | -.000173 | -.000243 | 9.99873 | -.000372 | .0111766 | .0164438 | .3579467 |
| #3 | .000027 | -.000211 | 9.96007 | .000070 | .0112489 | .0166253 | .3705906 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.033779 | 4.614739 | .0052267 | -.000338 | 352.6767 | -.001266 | .0853875 |
| Stddev | .003716 | .041456 | .0003727 | .000179 | 2.1969 | .001371 | .0003518 |
| %RSD | .1224943 | .8983364 | 7.130275 | 53.01236 | .6229278 | 108.3221 | .4119992 |
| #1 | 3.037006 | 4.645849 | .0056428 | -.000440 | 350.1578 | -.002848 | .0857749 |
| #2 | 3.034614 | 4.630690 | .0049237 | -.000131 | 354.1964 | -.000503 | .0850880 |
| #3 | 3.029716 | 4.567676 | .0051136 | -.000443 | 353.6759 | -.000445 | .0852995 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5583946 | .0432948 | -.000490 | -.003153 | -.001036 | .7035420 | .0159498 |
| Stddev | .0105144 | .0009889 | .000250 | .000730 | .000378 | .0086034 | .0012395 |
| %RSD | 1.882969 | 2.284196 | 51.01593 | 23.15708 | 36.52664 | 1.222869 | 7.771220 |
| #1 | .5614041 | .0444091 | -.000773 | -.003087 | -.001462 | .6984852 | .0173204 |
| #2 | .5670761 | .0429536 | -.000396 | -.003914 | -.000740 | .7134758 | .0156215 |
| #3 | .5467036 | .0425216 | -.000301 | -.002458 | -.000906 | .6986650 | .0149075 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08DUP Acquired: 5/5/2025 21:29:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3476084 | -.003458 | .0671169 |
| Stddev | .0045926 | .001689 | .0002050 |
| %RSD | 1.321189 | 48.85492 | .3054776 |
| | | | |
| #1 | .3441268 | -.004887 | .0671363 |
| #2 | .3458851 | -.003894 | .0673116 |
| #3 | .3528134 | -.001593 | .0669029 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2889.735 | 70394.56 | 21897.25 | 1884.099 | 4341.281 |
| Stddev | 3.651 | 207.79 | 147.03 | 7.483 | 6.458 |
| %RSD | .1263357 | .2951859 | .6714404 | .3971480 | .1487570 |
| | | | | | |
| #1 | 2892.432 | 70629.19 | 21730.81 | 1879.174 | 4341.599 |
| #2 | 2891.191 | 70320.72 | 22009.45 | 1880.412 | 4347.574 |
| #3 | 2885.581 | 70233.77 | 21951.50 | 1892.709 | 4334.670 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08LX5 Acquired: 5/5/2025 21:34:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0014525 | .0003179 | .0004690 | .0036635 | .0013986 | .0041344 | .0735387 |
| Stddev | .0021051 | .0015418 | .0011697 | .0019087 | .0016486 | .0042265 | .0016106 |
| %RSD | 144.9255 | 484.9411 | 249.3850 | 52.09982 | 117.8767 | 102.2292 | 2.190164 |
| #1 | .0035799 | -.000153 | .0014791 | .0016338 | .0017821 | .0089082 | .0737982 |
| #2 | -.000630 | .002040 | .0007407 | .0054221 | -.000408 | .0026259 | .0718141 |
| #3 | .001407 | -.000933 | -.000813 | .0039346 | .002822 | .0008690 | .0750039 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000037 | -.000360 | 1.775390 | -.000127 | .0015265 | .0028303 | .0483448 |
| Stddev | .000043 | .000098 | .008113 | .000153 | .0001531 | .0003922 | .0083151 |
| %RSD | 115.7461 | 27.28795 | .4569842 | 120.8397 | 10.03247 | 13.85747 | 17.19955 |
| #1 | .000012 | -.000346 | 1.783821 | -.000087 | .0016990 | .0032430 | .0452836 |
| #2 | -.000066 | -.000270 | 1.767637 | -.000296 | .0014737 | .0024623 | .0419943 |
| #3 | -.000057 | -.000465 | 1.774710 | .000003 | .0014067 | .0027857 | .0577566 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5506230 | .8446371 | .0007921 | -.000089 | 57.55791 | .0004573 | .0143459 |
| Stddev | .0029323 | .0076142 | .0002816 | .000296 | .51614 | .0017281 | .0000273 |
| %RSD | .5325484 | .9014726 | 35.54691 | 334.0063 | .8967311 | 377.8916 | .1901839 |
| #1 | .5532524 | .8380822 | .0007380 | .000146 | 57.17346 | .0022820 | .0143187 |
| #2 | .5474608 | .8428400 | .0005416 | .000010 | 58.14453 | .0002445 | .0143456 |
| #3 | .5511557 | .8529891 | .0010969 | -.000422 | 57.35574 | -.001155 | .0143733 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1729019 | .0099187 | -.000249 | -.001474 | -.000443 | .1162510 | -.000965 |
| Stddev | .0206541 | .0001901 | .000299 | .000903 | .000748 | .0038243 | .003926 |
| %RSD | 11.94553 | 1.917090 | 120.1827 | 61.29608 | 168.8011 | 3.289673 | 406.9110 |
| #1 | .1967491 | .0100329 | -.000590 | -.002173 | .000408 | .1206529 | .001043 |
| #2 | .1607108 | .0096992 | -.000035 | -.000454 | -.000742 | .1143543 | .001552 |
| #3 | .1612457 | .0100240 | -.000120 | -.001794 | -.000996 | .1137459 | -.005489 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08LX5 Acquired: 5/5/2025 21:34:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0626285 | .0056084 | .0112774 |
| Stddev | .0049051 | .0017022 | .0000317 |
| %RSD | 7.832012 | 30.35135 | .2814457 |
| | | | |
| #1 | .0569770 | .0037013 | .0112966 |
| #2 | .0651301 | .0069740 | .0112408 |
| #3 | .0657784 | .0061498 | .0112948 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2997.875 | 70998.49 | 20058.17 | 1957.685 | 4605.242 |
| Stddev | 3.919 | 138.87 | 177.88 | 8.319 | 10.760 |
| %RSD | .1307319 | .1955897 | .8868292 | .4249581 | .2336572 |
| | | | | | |
| #1 | 2995.075 | 71138.36 | 19948.97 | 1967.251 | 4612.076 |
| #2 | 3002.354 | 70860.65 | 20263.43 | 1952.142 | 4610.810 |
| #3 | 2996.195 | 70996.45 | 19962.12 | 1953.661 | 4592.838 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08MS Acquired: 5/5/2025 21:38:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7794156 | 1.758161 | .9390975 | 1.907701 | .7677136 | 1.826807 | .6286766 |
| Stddev | .0054782 | .016895 | .0047462 | .012891 | .0058046 | .011653 | .0040423 |
| %RSD | .7028535 | .9609424 | .5054005 | .6757585 | .7560893 | .6379107 | .6429825 |
| #1 | .7738935 | 1.747816 | .9362139 | 1.903550 | .7641913 | 1.833663 | .6293166 |
| #2 | .7848487 | 1.777657 | .9445754 | 1.922156 | .7744132 | 1.833407 | .6323607 |
| #3 | .7795048 | 1.749009 | .9365031 | 1.897396 | .7645363 | 1.813352 | .6243525 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1745179 | .1974455 | 10.91476 | .3794712 | .2020983 | .2868820 | 3.305491 |
| Stddev | .0009153 | .0009819 | .06855 | .0012771 | .0011342 | .0028637 | .010025 |
| %RSD | .5244823 | .4973242 | .6280794 | .3365447 | .5612087 | .9982060 | .3032736 |
| #1 | .1752825 | .1966065 | 10.92302 | .3804419 | .2010183 | .2846991 | 3.305912 |
| #2 | .1747676 | .1985255 | 10.97881 | .3799473 | .2032799 | .2901244 | 3.315298 |
| #3 | .1735037 | .1972045 | 10.84245 | .3780245 | .2019969 | .2858225 | 3.295262 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.251937 | 6.352360 | .4847547 | .0695784 | 343.0343 | .2814059 | .2687962 |
| Stddev | .027678 | .051380 | .0028883 | .0001817 | 2.0144 | .0012585 | .0003456 |
| %RSD | .8511371 | .8088321 | .5958245 | .2611029 | .5872410 | .4472339 | .1285530 |
| #1 | 3.256340 | 6.342685 | .4817928 | .0696473 | 343.3725 | .2827989 | .2689000 |
| #2 | 3.277150 | 6.407890 | .4875633 | .0697155 | 340.8721 | .2810681 | .2690780 |
| #3 | 3.222321 | 6.306506 | .4849079 | .0693723 | 344.8582 | .2803507 | .2684107 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.75110 | .3004181 | .4026421 | .6939592 | .1917721 | 1.511422 | 6.081800 |
| Stddev | .01703 | .0022091 | .0021717 | .0045533 | .0008375 | .004306 | .028485 |
| %RSD | .1583643 | .7353364 | .5393707 | .6561324 | .4367073 | .2848966 | .4683569 |
| #1 | 10.75467 | .3018415 | .4007467 | .6901444 | .1922733 | 1.507516 | 6.051521 |
| #2 | 10.76606 | .3015396 | .4050118 | .6990000 | .1922377 | 1.516039 | 6.108065 |
| #3 | 10.73258 | .2978732 | .4021677 | .6927333 | .1908052 | 1.510712 | 6.085813 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08MS Acquired: 5/5/2025 21:38:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3517019 | .1904505 | .2542141 |
| Stddev | .0040313 | .0024926 | .0017898 |
| %RSD | 1.146235 | 1.308800 | .7040398 |
| | | | |
| #1 | .3474234 | .1897041 | .2545105 |
| #2 | .3522531 | .1932310 | .2558371 |
| #3 | .3554293 | .1884163 | .2522946 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2881.816 | 70011.16 | 21067.59 | 1944.639 | 4256.588 |
| Stddev | 13.893 | 57.39 | 68.46 | 3.792 | 16.478 |
| %RSD | .4821058 | .0819662 | .3249491 | .1949840 | .3871267 |
| | | | | | |
| #1 | 2889.116 | 70069.39 | 21032.82 | 1940.351 | 4266.155 |
| #2 | 2865.794 | 70009.45 | 21023.50 | 1946.014 | 4237.560 |
| #3 | 2890.537 | 69954.66 | 21146.46 | 1947.551 | 4266.048 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08MSD Acquired: 5/5/2025 21:42:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7700440 | 1.804099 | .9369428 | 1.890138 | .7680455 | 1.847653 | .5944850 |
| Stddev | .0017715 | .009435 | .0049500 | .012685 | .0007331 | .010863 | .0052039 |
| %RSD | .2300480 | .5229941 | .5283132 | .6711345 | .0954518 | .5879326 | .8753677 |
| #1 | .7705103 | 1.796394 | .9355940 | 1.885827 | .7678800 | 1.845675 | .5983364 |
| #2 | .7680861 | 1.801281 | .9328069 | 1.880170 | .7674093 | 1.859369 | .5965538 |
| #3 | .7715357 | 1.814622 | .9424273 | 1.904417 | .7688472 | 1.837915 | .5885648 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1805974 | .1971939 | 10.17578 | .3867509 | .2002882 | .2848473 | 3.259227 |
| Stddev | .0006769 | .0002162 | .05421 | .0010728 | .0004553 | .0012665 | .002380 |
| %RSD | .3747850 | .1096501 | .5327391 | .2773891 | .2273009 | .4446097 | .0730297 |
| #1 | .1810199 | .1972087 | 10.19754 | .3858862 | .1999874 | .2842843 | 3.261969 |
| #2 | .1809556 | .1969707 | 10.21573 | .3864150 | .2000651 | .2839599 | 3.258014 |
| #3 | .1798168 | .1974024 | 10.11407 | .3879515 | .2008119 | .2862976 | 3.257698 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.024688 | 6.046204 | .4841657 | .0703752 | 311.0292 | .2849353 | .2644292 |
| Stddev | .013235 | .042636 | .0018263 | .0003248 | 1.7622 | .0014993 | .0006509 |
| %RSD | .4375550 | .7051646 | .3772121 | .4614660 | .5665609 | .5261893 | .2461563 |
| #1 | 3.035682 | 6.010161 | .4838636 | .0704582 | 310.0080 | .2866548 | .2651521 |
| #2 | 3.028384 | 6.093268 | .4825093 | .0706504 | 310.0157 | .2839014 | .2638896 |
| #3 | 3.009999 | 6.035182 | .4861243 | .0700170 | 313.0640 | .2842496 | .2642458 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.66688 | .3067268 | .4063268 | .6933704 | .1927924 | 1.463360 | 6.087979 |
| Stddev | .02292 | .0009526 | .0021290 | .0019754 | .0013639 | .013857 | .022333 |
| %RSD | .2149141 | .3105782 | .5239534 | .2849018 | .7074181 | .9469019 | .3668294 |
| #1 | 10.66382 | .3068877 | .4057140 | .6911060 | .1942705 | 1.449976 | 6.074976 |
| #2 | 10.69117 | .3075887 | .4045714 | .6942643 | .1925238 | 1.462460 | 6.075195 |
| #3 | 10.64563 | .3057040 | .4086949 | .6947408 | .1915828 | 1.477645 | 6.113766 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08MSD Acquired: 5/5/2025 21:42:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3329105 | .1933820 | .2499622 |
| Stddev | .0033710 | .0012847 | .0014558 |
| %RSD | 1.012595 | .6643101 | .5824067 |
| | | | |
| #1 | .3368023 | .1945214 | .2505205 |
| #2 | .3310305 | .1936350 | .2510562 |
| #3 | .3308987 | .1919897 | .2483099 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2917.628 | 69642.86 | 20629.69 | 1937.476 | 4335.392 |
| Stddev | 10.333 | 169.37 | 53.30 | 8.096 | 9.452 |
| %RSD | .3541695 | .2432034 | .2583787 | .4178742 | .2180281 |
| | | | | | |
| #1 | 2922.392 | 69721.49 | 20642.63 | 1940.408 | 4341.050 |
| #2 | 2924.719 | 69758.63 | 20571.10 | 1928.323 | 4340.646 |
| #3 | 2905.772 | 69448.46 | 20675.33 | 1943.698 | 4324.480 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08A Acquired: 5/5/2025 21:46:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7573149 | 1.745290 | .9084837 | 1.875118 | .7464654 | 1.764016 | .5849056 |
| Stddev | .0017985 | .008420 | .0024788 | .004586 | .0014975 | .014985 | .0035907 |
| %RSD | .2374885 | .4824189 | .2728531 | .2445536 | .2006118 | .8494760 | .6138873 |
| #1 | .7592349 | 1.738863 | .9091394 | 1.874944 | .7458439 | 1.774958 | .5846846 |
| #2 | .7570404 | 1.754821 | .9057430 | 1.870623 | .7453786 | 1.770153 | .5814305 |
| #3 | .7556694 | 1.742187 | .9105688 | 1.879789 | .7481735 | 1.746936 | .5886016 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1697197 | .1904270 | 10.33445 | .3723000 | .1945790 | .2798979 | 3.193541 |
| Stddev | .0006893 | .0004185 | .01619 | .0010535 | .0000513 | .0006594 | .022049 |
| %RSD | .4061484 | .2197812 | .1566193 | .2829755 | .0263460 | .2355844 | .6904226 |
| #1 | .1705085 | .1904238 | 10.35215 | .3711970 | .1946319 | .2806414 | 3.174293 |
| #2 | .1694175 | .1900101 | 10.32039 | .3732958 | .1945756 | .2793842 | 3.188733 |
| #3 | .1692331 | .1908471 | 10.33081 | .3724071 | .1945295 | .2796679 | 3.217598 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.051351 | 6.095606 | .4665784 | .0675441 | 325.6329 | .2686765 | .2622548 |
| Stddev | .002293 | .013404 | .0007545 | .0004991 | 4.6807 | .0013670 | .0004886 |
| %RSD | .0751513 | .2198993 | .1617027 | .7390054 | 1.437421 | .5087844 | .1863127 |
| #1 | 3.049385 | 6.111031 | .4668261 | .0670001 | 324.6998 | .2683097 | .2617525 |
| #2 | 3.050797 | 6.088994 | .4657312 | .0676511 | 330.7099 | .2675303 | .2622835 |
| #3 | 3.053870 | 6.086792 | .4671779 | .0679811 | 321.4891 | .2701894 | .2627285 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.31758 | .2892633 | .3895567 | .6671018 | .1817269 | 1.471808 | 5.894671 |
| Stddev | .06365 | .0016709 | .0006585 | .0023830 | .0010712 | .009992 | .009008 |
| %RSD | .6168780 | .5776281 | .1690381 | .3572151 | .5894423 | .6788647 | .1528164 |
| #1 | 10.24916 | .2906324 | .3902863 | .6666482 | .1827658 | 1.461180 | 5.891330 |
| #2 | 10.32855 | .2897559 | .3890064 | .6649782 | .1806261 | 1.481009 | 5.887811 |
| #3 | 10.37503 | .2874015 | .3893773 | .6696790 | .1817887 | 1.473236 | 5.904872 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1935-08A Acquired: 5/5/2025 21:46:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .3229026 | .1806849 | .2397645 |
| Stddev | .0049519 | .0015397 | .0008693 |
| %RSD | 1.533555 | .8521658 | .3625850 |
| | | | |
| #1 | .3286194 | .1792673 | .2396837 |
| #2 | .3199448 | .1804643 | .2389384 |
| #3 | .3201436 | .1823230 | .2406714 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2859.323 | 68561.21 | 20921.19 | 1870.197 | 4263.406 |
| Stddev | 3.137 | 223.87 | 123.27 | 6.616 | 1.354 |
| %RSD | .1096978 | .3265321 | .5892325 | .3537499 | .0317645 |
| | | | | | |
| #1 | 2855.746 | 68595.66 | 20800.95 | 1873.801 | 4264.225 |
| #2 | 2861.605 | 68322.11 | 20915.33 | 1862.561 | 4264.150 |
| #3 | 2860.617 | 68765.87 | 21047.29 | 1874.228 | 4261.843 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1945-01 Acquired: 5/5/2025 21:51:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .8237345 | .0042238 | 4.014131 | -.016760 | .0262805 | 67.85122 |
| Stddev | .0071058 | .0023136 | .024608 | .002927 | .0001802 | .21579 |
| %RSD | .8626378 | 54.77452 | .6130399 | 17.46571 | .6855285 | .3180412 |
| #1 | .8254886 | .0023608 | 4.010069 | -.020020 | .0260998 | 68.07709 |
| #2 | .8159159 | .0034972 | 3.991806 | -.015899 | .0262815 | 67.64716 |
| #3 | .8297990 | .0068135 | 4.040517 | -.014359 | .0264601 | 67.82940 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.924678 | .0060824 | .0210336 | 164.2626 | 1.536589 | .0464353 |
| Stddev | .008976 | .0000563 | .0003654 | .6360 | .005525 | .0002089 |
| %RSD | .2287029 | .9249782 | 1.737404 | .3871964 | .3595516 | .4499571 |
| #1 | 3.933125 | .0061319 | .0212093 | 164.8683 | 1.542312 | .0464023 |
| #2 | 3.915253 | .0060212 | .0206134 | 163.6001 | 1.536169 | .0462449 |
| #3 | 3.925654 | .0060942 | .0212779 | 164.3194 | 1.531286 | .0466588 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.618087 | 161.9451 | 1.710700 | 27.16144 | .5242895 | .0062520 |
| Stddev | .018195 | .4491 | .006237 | .08600 | .0031307 | .0004762 |
| %RSD | .3939878 | .2773070 | .3646114 | .3166129 | .5971318 | 7.616733 |
| #1 | 4.619606 | 162.0241 | 1.716101 | 27.22341 | .5235380 | .0058367 |
| #2 | 4.599180 | 162.3495 | 1.703873 | 27.06326 | .5216029 | .0067718 |
| #3 | 4.635474 | 161.4618 | 1.712126 | 27.19765 | .5277275 | .0061477 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 69.42814 | .1589323 | F 30.78746 | 24.30068 | .6901489 | .0302745 |
| Stddev | .27424 | .0006831 | .10685 | .14733 | .0021979 | .0004309 |
| %RSD | .3949952 | .4297920 | .3470554 | .6062901 | .3184702 | 1.423280 |
| #1 | 69.45601 | .1589520 | 30.79890 | 24.38176 | .6920246 | .0300703 |
| #2 | 69.68737 | .1596053 | 30.88812 | 24.38967 | .6906917 | .0299837 |
| #3 | 69.14103 | .1582396 | 30.67535 | 24.13061 | .6877304 | .0307695 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1945-01 Acquired: 5/5/2025 21:51:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0446005 | 1.332590 | F 92.02868 | 5.501664 | F 43.66279 | .1893539 |
| Stddev | .0029966 | .004498 | .40903 | .030196 | .24620 | .0000754 |
| %RSD | 6.718821 | .3375454 | .4444545 | .5488430 | .5638699 | .0398238 |
| #1 | .0423234 | 1.334787 | 92.26452 | 5.512042 | 43.60132 | .1893404 |
| #2 | .0434827 | 1.327416 | 92.26513 | 5.467648 | 43.45315 | .1894352 |
| #3 | .0479953 | 1.335567 | 91.55637 | 5.525303 | 43.93390 | .1892862 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .9889979 |
| Stddev | .0022167 |
| %RSD | .2241356 |
| #1 | .9910227 |
| #2 | .9866294 |
| #3 | .9893415 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2991.243 | 74781.26 | 21463.31 | 1976.067 | 4200.179 |
| Stddev | 8.615 | 287.45 | 125.67 | 8.866 | 15.503 |
| %RSD | .2880181 | .3843854 | .5855175 | .4486640 | .3691086 |
| #1 | 2983.794 | 74498.32 | 21334.40 | 1965.849 | 4196.246 |
| #2 | 3000.678 | 74772.44 | 21585.47 | 1980.629 | 4217.270 |
| #3 | 2989.258 | 75073.01 | 21470.07 | 1981.722 | 4187.021 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1956-07 Acquired: 5/5/2025 21:55:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001190 | -.002835 | -.000656 | .0020033 | .0003050 | .0156354 | -.002323 |
| Stddev | .000869 | .001518 | .001532 | .0003111 | .0010604 | .0021868 | .000990 |
| %RSD | 73.04846 | 53.52370 | 233.3150 | 15.53076 | 347.6943 | 13.98634 | 42.58963 |
| #1 | -.000269 | -.004587 | -.000697 | .0020151 | .0000191 | .0147734 | -.001720 |
| #2 | -.001997 | -.001999 | .000895 | .0016865 | .0014789 | .0181219 | -.001785 |
| #3 | -.001304 | -.001920 | -.002167 | .0023084 | -.000583 | .0140111 | -.003465 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000146 | -.000422 | .0434985 | -.000265 | -.000509 | .0000043 | .1456494 |
| Stddev | .000042 | .000078 | .0139303 | .000038 | .000319 | .0002553 | .0035832 |
| %RSD | 28.82015 | 18.44188 | 32.02469 | 14.37219 | 62.71204 | 5897.357 | 2.460154 |
| #1 | -.000190 | -.000342 | .0565283 | -.000261 | -.000514 | .0002679 | .1460291 |
| #2 | -.000106 | -.000424 | .0451518 | -.000305 | -.000187 | -.000242 | .1418915 |
| #3 | -.000143 | -.000498 | .0288153 | -.000229 | -.000826 | -.000013 | .1490276 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000152 | .0064298 | .0000704 | -.000250 | -.045105 | -.000358 | .0022769 |
| Stddev | .000103 | .0017303 | .0000506 | .000312 | .005190 | .000586 | .0002616 |
| %RSD | 67.66718 | 26.91103 | 71.88078 | 124.5979 | 11.50709 | 163.7578 | 11.48974 |
| #1 | -.000063 | .0065886 | .0000195 | -.000411 | -.047637 | -.000677 | .0021688 |
| #2 | -.000128 | .0046256 | .0000710 | .000109 | -.048543 | -.000714 | .0020867 |
| #3 | -.000264 | .0080753 | .0001208 | -.000450 | -.039135 | .000318 | .0025752 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0298237 | .0003844 | .0012851 | -.001564 | .0001677 | .0724759 | .0391308 |
| Stddev | .0336467 | .0003108 | .0002743 | .000849 | .0005075 | .0094776 | .0016102 |
| %RSD | 112.8187 | 80.84110 | 21.34417 | 54.29429 | 302.7242 | 13.07693 | 4.114816 |
| #1 | -.001409 | .0005869 | .0012451 | -.002450 | .0006970 | .0622777 | .0397313 |
| #2 | .025428 | .0005398 | .0010329 | -.001483 | -.000315 | .0810135 | .0403544 |
| #3 | .065452 | .0000266 | .0015771 | -.000758 | .000121 | .0741366 | .0373067 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1956-07 Acquired: 5/5/2025 21:55:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0208761 | -.002327 | -.000411 |
| Stddev | .0030773 | .001021 | .000041 |
| %RSD | 14.74076 | 43.86561 | 10.10420 |
| | | | |
| #1 | .0223758 | -.002369 | -.000451 |
| #2 | .0229161 | -.003326 | -.000413 |
| #3 | .0173365 | -.001286 | -.000368 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3086.010 | 72758.08 | 21126.56 | 2008.751 | 4918.516 |
| Stddev | 8.538 | 105.43 | 136.80 | 6.507 | 14.072 |
| %RSD | .2766591 | .1449015 | .6475117 | .3239507 | .2861077 |
| | | | | | |
| #1 | 3095.542 | 72650.29 | 21093.12 | 2001.820 | 4934.011 |
| #2 | 3079.064 | 72762.97 | 21009.59 | 2014.730 | 4915.005 |
| #3 | 3083.424 | 72860.98 | 21276.98 | 2009.702 | 4906.531 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV09 Acquired: 5/5/2025 21:59:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.741504 | 4.644312 | 4.814431 | 4.742149 | 4.682635 | 9.272715 | 9.392952 |
| Stddev | .032952 | .083584 | .042707 | .028903 | .024490 | .040459 | .010921 |
| %RSD | .6949765 | 1.799701 | .8870531 | .6094820 | .5229963 | .4363195 | .1162639 |
| #1 | 4.723707 | 4.655867 | 4.787395 | 4.722686 | 4.668384 | 9.233747 | 9.396067 |
| #2 | 4.779529 | 4.721516 | 4.863665 | 4.775359 | 4.710913 | 9.314515 | 9.401976 |
| #3 | 4.721278 | 4.555551 | 4.792232 | 4.728401 | 4.668608 | 9.269883 | 9.380812 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2419214 | 2.414253 | 23.62157 | .9588551 | 2.382375 | 1.183412 | 4.768066 |
| Stddev | .0013686 | .020631 | .04833 | .0031631 | .019769 | .006364 | .019647 |
| %RSD | .5656983 | .8545448 | .2046100 | .3298789 | .8298139 | .5377944 | .4120500 |
| #1 | .2433431 | 2.401019 | 23.67104 | .9621724 | 2.369401 | 1.178388 | 4.767967 |
| #2 | .2418079 | 2.438025 | 23.61920 | .9558730 | 2.405128 | 1.190569 | 4.748469 |
| #3 | .2406131 | 2.403716 | 23.57447 | .9585200 | 2.372596 | 1.181280 | 4.787762 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.365798 | 23.67129 | 2.406149 | 1.185067 | 23.03433 | 2.362780 | 2.322435 |
| Stddev | .007122 | .04801 | .017495 | .001807 | .12523 | .004798 | .017843 |
| %RSD | .3010490 | .2028148 | .7270835 | .1525153 | .5436747 | .2030823 | .7683030 |
| #1 | 2.373911 | 23.72178 | 2.394048 | 1.185754 | 22.89001 | 2.360382 | 2.310812 |
| #2 | 2.360574 | 23.66585 | 2.426208 | 1.183017 | 23.11433 | 2.368305 | 2.313513 |
| #3 | 2.362910 | 23.62623 | 2.398192 | 1.186431 | 23.09865 | 2.359654 | 2.342979 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.17585 | 4.775837 | 4.733649 | 4.811106 | 4.688691 | 4.693463 | 4.873322 |
| Stddev | .13983 | .018716 | .035314 | .039790 | .010475 | .012287 | .047942 |
| %RSD | .6033326 | .3918896 | .7460175 | .8270426 | .2234148 | .2617895 | .9837693 |
| #1 | 23.01496 | 4.796251 | 4.712476 | 4.789911 | 4.687761 | 4.682828 | 4.848298 |
| #2 | 23.26805 | 4.759487 | 4.774416 | 4.857007 | 4.699600 | 4.690648 | 4.928598 |
| #3 | 23.24454 | 4.771772 | 4.714055 | 4.786401 | 4.678712 | 4.706914 | 4.843070 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV09 Acquired: 5/5/2025 21:59:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.746626 | 4.588668 | 4.715214 |
| Stddev | .028784 | .012861 | .029017 |
| %RSD | .6064073 | .2802825 | .6153973 |
| | | | |
| #1 | 4.738620 | 4.581310 | 4.698744 |
| #2 | 4.778566 | 4.603518 | 4.748719 |
| #3 | 4.722693 | 4.581175 | 4.698180 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2952.077 | 70268.58 | 19689.44 | 1970.230 | 4422.814 |
| Stddev | 17.960 | 175.02 | 110.85 | 13.961 | 34.507 |
| %RSD | .6083807 | .2490690 | .5629958 | .7085844 | .7801948 |
| | | | | | |
| #1 | 2965.075 | 70123.52 | 19561.54 | 1979.349 | 4444.768 |
| #2 | 2931.583 | 70462.97 | 19749.05 | 1977.184 | 4383.041 |
| #3 | 2959.572 | 70219.26 | 19757.73 | 1954.158 | 4440.633 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB09 Acquired: 5/5/2025 22:03:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000116 | -.001182 | -.001011 | .0027885 | .0001426 | -.003023 | -.002274 |
| Stddev | .000504 | .001124 | .000284 | .0023030 | .0007716 | .002891 | .000610 |
| %RSD | 432.8162 | 95.04313 | 28.10708 | 82.58840 | 541.0295 | 95.64371 | 26.81869 |
| #1 | .000465 | -.002222 | -.000690 | .0050632 | -.000040 | -.005900 | -.002008 |
| #2 | -.000426 | .000010 | -.001113 | .0004582 | -.000521 | -.003050 | -.002972 |
| #3 | -.000388 | -.001334 | -.001229 | .0028442 | .000989 | -.000118 | -.001843 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000078 | -.000384 | -.002003 | .0001900 | -.000323 | .0013766 | -.014145 |
| Stddev | .000068 | .000029 | .005324 | .0001186 | .000172 | .0001178 | .003952 |
| %RSD | 86.83120 | 7.521465 | 265.7589 | 62.43505 | 53.33183 | 8.553520 | 27.94177 |
| #1 | -.000157 | -.000416 | .001553 | .0001663 | -.000161 | .0015120 | -.013039 |
| #2 | -.000044 | -.000359 | .000561 | .0003186 | -.000304 | .0012981 | -.010864 |
| #3 | -.000035 | -.000378 | -.008125 | .0000850 | -.000505 | .0013198 | -.018533 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057779 | .0103011 | .0002458 | -.000279 | .0971228 | -.000090 | -.000754 |
| Stddev | .0003121 | .0196320 | .0000972 | .000074 | .0024850 | .001735 | .000083 |
| %RSD | 5.402337 | 190.5822 | 39.56298 | 26.40892 | 2.558600 | 1930.305 | 10.96284 |
| #1 | .0060149 | .0197408 | .0001364 | -.000194 | .0994938 | .001770 | -.000659 |
| #2 | .0058947 | .0234301 | .0002786 | -.000328 | .0945377 | -.001666 | -.000808 |
| #3 | .0054242 | -.012268 | .0003223 | -.000316 | .0973370 | -.000374 | -.000796 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0287115 | .0065428 | -.000205 | -.000944 | .0003310 | .0198635 | -.003902 |
| Stddev | .0403928 | .0007784 | .000469 | .001361 | .0007054 | .0056956 | .002192 |
| %RSD | 140.6851 | 11.89649 | 228.4779 | 144.1379 | 213.1361 | 28.67363 | 56.18797 |
| #1 | .0196334 | .0073712 | .000335 | .000567 | .0003057 | .0239592 | -.003609 |
| #2 | .0728709 | .0064306 | -.000506 | -.002073 | -.000361 | .0222718 | -.001871 |
| #3 | -.006370 | .0058267 | -.000445 | -.001327 | .001049 | .0133593 | -.006226 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB09 Acquired: 5/5/2025 22:03:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000506 | .0032180 | -.000554 |
| Stddev | .006463 | .0007576 | .000037 |
| %RSD | 1276.932 | 23.54133 | 6.712950 |
| | | | |
| #1 | .004831 | .0028318 | -.000564 |
| #2 | .001342 | .0027314 | -.000584 |
| #3 | -.007692 | .0040908 | -.000512 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3079.373 | 72607.62 | 20793.29 | 2015.473 | 4844.546 |
| Stddev | 6.504 | 121.52 | 136.31 | 5.602 | 15.453 |
| %RSD | .2112066 | .1673692 | .6555671 | .2779556 | .3189681 |
| | | | | | |
| #1 | 3080.972 | 72680.07 | 20719.79 | 2010.381 | 4840.435 |
| #2 | 3072.219 | 72467.32 | 20950.58 | 2014.564 | 4831.564 |
| #3 | 3084.928 | 72675.46 | 20709.50 | 2021.474 | 4861.638 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01 Acquired: 5/5/2025 22:08:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001264 | -.006760 | -.001317 | .0014418 | .0005672 | 28.53149 |
| Stddev | .002892 | .001746 | .001244 | .0003606 | .0024547 | .12676 |
| %RSD | 228.7026 | 25.82194 | 94.40559 | 25.00851 | 432.7912 | .4442764 |
| #1 | .001265 | -.005508 | -.001718 | .0013147 | .0005767 | 28.38576 |
| #2 | -.000642 | -.008755 | .000077 | .0011620 | .0030171 | 28.59255 |
| #3 | -.004417 | -.006018 | -.002311 | .0018487 | -.001892 | 28.61616 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001592 | -.000113 | -.000557 | 16.79623 | .3117292 | -.000180 |
| Stddev | .000562 | .000061 | .000062 | .07673 | .0001238 | .000166 |
| %RSD | 35.29907 | 54.13895 | 11.11444 | .4567997 | .0397155 | 92.02094 |
| #1 | -.001797 | -.000127 | -.000624 | 16.70764 | .3118719 | -.000154 |
| #2 | -.000956 | -.000046 | -.000546 | 16.84074 | .3116649 | -.000357 |
| #3 | -.002023 | -.000167 | -.000501 | 16.84032 | .3116508 | -.000029 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0348407 | 1.335813 | .0097199 | 2.291665 | .0258714 | -.000808 |
| Stddev | .0004531 | .020676 | .0005602 | .019156 | .0003581 | .000303 |
| %RSD | 1.300442 | 1.547809 | 5.763167 | .8359001 | 1.384080 | 37.47107 |
| #1 | .0348194 | 1.312075 | .0103545 | 2.270595 | .0262816 | -.000653 |
| #2 | .0343986 | 1.345483 | .0095114 | 2.296372 | .0256219 | -.000614 |
| #3 | .0353040 | 1.349883 | .0092940 | 2.308029 | .0257106 | -.001157 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2044.105 | .0014774 | .0983084 | 258.8936 | 7.970967 | .0287055 |
| Stddev | 5.902 | .0001146 | .0004991 | 2.0883 | .049773 | .0001559 |
| %RSD | .2887543 | 7.759131 | .5077351 | .8066268 | .6244313 | .5432166 |
| #1 | 2037.628 | .0015815 | .0978494 | 256.7190 | 8.027669 | .0285313 |
| #2 | 2049.180 | .0014961 | .0982360 | 259.0784 | 7.950747 | .0288321 |
| #3 | 2045.508 | .0013545 | .0988398 | 260.8833 | 7.934487 | .0287531 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01 Acquired: 5/5/2025 22:08:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0049661 | -.001436 | .5346062 | 1.538491 | F 1123.215 | .0043333 |
| Stddev | .0006222 | .000663 | .0153580 | .008642 | 2.713 | .0007847 |
| %RSD | 12.52972 | 46.15116 | 2.872770 | .5616940 | .2415245 | 18.10857 |
| #1 | .0055135 | -.000748 | .5397247 | 1.535473 | 1124.938 | .0035819 |
| #2 | .0042894 | -.002070 | .5173426 | 1.531763 | 1120.088 | .0051475 |
| #3 | .0050954 | -.001491 | .5467514 | 1.548237 | 1124.619 | .0042704 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0778275 |
| Stddev | .0002363 |
| %RSD | .3035587 |
| #1 | .0775561 |
| #2 | .0779389 |
| #3 | .0779875 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2624.800 | 61099.05 | 19424.83 | 1692.625 | 3658.789 |
| Stddev | 8.718 | 185.13 | 111.90 | 8.146 | 5.732 |
| %RSD | .3321467 | .3030064 | .5760857 | .4812814 | .1566700 |
| #1 | 2630.468 | 61231.83 | 19350.13 | 1701.988 | 3653.494 |
| #2 | 2629.171 | 60887.57 | 19370.88 | 1688.722 | 3664.876 |
| #3 | 2614.761 | 61177.75 | 19553.49 | 1687.163 | 3657.998 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01DUP Acquired: 5/5/2025 22:12:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.004272 | -.006447 | -.001817 | .0026622 | .0002236 | 28.88415 |
| Stddev | .004673 | .001619 | .001437 | .0054023 | .0014700 | .29046 |
| %RSD | 109.3900 | 25.11730 | 79.09428 | 202.9215 | 657.2634 | 1.005621 |
| #1 | -.008875 | -.007327 | -.002612 | -.003543 | .0007737 | 29.09532 |
| #2 | .000468 | -.007436 | -.000158 | .005213 | .0013393 | 29.00423 |
| #3 | -.004409 | -.004578 | -.002680 | .006317 | -.001442 | 28.55290 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001267 | -.000124 | -.000475 | 16.97256 | .3189873 | .0000170 |
| Stddev | .001120 | .000023 | .000090 | .20359 | .0021941 | .0003477 |
| %RSD | 88.38219 | 18.24326 | 18.89600 | 1.199513 | .6878299 | 2043.279 |
| #1 | -.000367 | -.000104 | -.000508 | 17.11305 | .3166742 | .0000238 |
| #2 | -.000913 | -.000148 | -.000545 | 17.06554 | .3210390 | .0003613 |
| #3 | -.002521 | -.000119 | -.000374 | 16.73908 | .3192488 | -.000334 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0348141 | 1.381953 | .0075461 | 2.307533 | .0255976 | -.000380 |
| Stddev | .0001174 | .021045 | .0006583 | .027391 | .0000310 | .000223 |
| %RSD | .3371537 | 1.522823 | 8.723973 | 1.187024 | .1210491 | 58.70579 |
| #1 | .0347335 | 1.357860 | .0077307 | 2.308100 | .0255883 | -.000201 |
| #2 | .0349488 | 1.396740 | .0080924 | 2.334636 | .0255724 | -.000630 |
| #3 | .0347601 | 1.391260 | .0068152 | 2.279863 | .0256322 | -.000309 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2101.123 | .0000667 | .0996284 | 267.1414 | 7.917438 | .0292494 |
| Stddev | 31.837 | .0007904 | .0005799 | 2.4193 | .133403 | .0004024 |
| %RSD | 1.515256 | 1184.417 | .5820947 | .9056269 | 1.684921 | 1.375639 |
| #1 | 2074.213 | -.000593 | .0997788 | 264.3496 | 8.032632 | .0290854 |
| #2 | 2136.269 | -.000150 | .1001183 | 268.4505 | 7.948409 | .0297079 |
| #3 | 2092.887 | .000943 | .0989881 | 268.6241 | 7.771275 | .0289549 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01DUP Acquired: 5/5/2025 22:12:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0051720 | -.000575 | .5518829 | 1.546037 | F 1136.043 | .0053821 |
| Stddev | .0006612 | .000356 | .0050957 | .000600 | 2.788 | .0002706 |
| %RSD | 12.78323 | 62.00837 | .9233371 | .0388078 | .2453763 | 5.027348 |
| #1 | .0047923 | -.000892 | .5479135 | 1.545359 | 1134.961 | .0054140 |
| #2 | .0047883 | -.000189 | .5576291 | 1.546249 | 1139.209 | .0056353 |
| #3 | .0059355 | -.000644 | .5501060 | 1.546502 | 1133.958 | .0050970 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0788466 |
| Stddev | .0008711 |
| %RSD | 1.104766 |
| #1 | .0796753 |
| #2 | .0789260 |
| #3 | .0779386 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2634.471 | 61249.89 | 19884.66 | 1691.033 | 3666.658 |
| Stddev | 3.352 | 458.49 | 237.29 | 9.062 | 9.435 |
| %RSD | .1272216 | .7485543 | 1.193328 | .5358602 | .2573256 |
| #1 | 2637.209 | 61779.30 | 19677.40 | 1697.273 | 3677.422 |
| #2 | 2635.470 | 60985.21 | 19833.09 | 1680.639 | 3662.734 |
| #3 | 2630.733 | 60985.14 | 20143.49 | 1695.186 | 3659.818 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01LX5 Acquired: 5/5/2025 22:16:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | -.001171 | -.001353 | -.002158 | -.002520 | -.001960 | 5.487818 |
| Stddev | .002849 | .001132 | .001282 | .001610 | .000865 | .022842 |
| %RSD | 243.1839 | 83.66923 | 59.39877 | 63.89073 | 44.11641 | .4162397 |
| #1 | -.003509 | -.000568 | -.003598 | -.001124 | -.002905 | 5.488785 |
| #2 | -.002008 | -.000840 | -.001142 | -.004282 | -.001209 | 5.510162 |
| #3 | .002002 | -.002651 | -.001734 | -.002156 | -.001766 | 5.464507 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001226 | -.000039 | -.000485 | 3.291967 | .0605054 | -.000461 |
| Stddev | .000109 | .000061 | .000104 | .026101 | .0003015 | .000145 |
| %RSD | 8.877916 | 156.2282 | 21.44767 | .7928692 | .4983812 | 31.52673 |
| #1 | -.001104 | -.000035 | -.000372 | 3.321515 | .0602456 | -.000366 |
| #2 | -.001257 | -.000101 | -.000578 | 3.282337 | .0604345 | -.000388 |
| #3 | -.001315 | .000020 | -.000505 | 3.272050 | .0608361 | -.000628 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069598 | .2374046 | .0005326 | .4666364 | .0049639 | -.000341 |
| Stddev | .0002779 | .0065501 | .0002468 | .0109125 | .0002155 | .000172 |
| %RSD | 3.992363 | 2.759026 | 46.32980 | 2.338553 | 4.340735 | 50.53626 |
| #1 | .0066604 | .2422226 | .0002478 | .4761698 | .0047151 | -.000421 |
| #2 | .0072094 | .2299465 | .0006834 | .4690054 | .0050895 | -.000143 |
| #3 | .0070096 | .2400447 | .0006667 | .4547339 | .0050871 | -.000458 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 383.1546 | -.000383 | .0171513 | 43.47081 | 1.782286 | .0052642 |
| Stddev | 3.4312 | .001629 | .0003431 | .26293 | .004857 | .0000915 |
| %RSD | .8955161 | 425.0024 | 2.000579 | .6048335 | .2725034 | 1.738807 |
| #1 | 387.1125 | .001496 | .0169956 | 43.77271 | 1.779196 | .0053686 |
| #2 | 381.3320 | -.001393 | .0175446 | 43.34765 | 1.787884 | .0051981 |
| #3 | 381.0193 | -.001253 | .0169135 | 43.29206 | 1.779777 | .0052258 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01LX5 Acquired: 5/5/2025 22:16:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .0013843 | .0004828 | .1039202 | .2750034 | F 243.6839 | .0170117 |
| Stddev | .0006153 | .0007019 | .0094816 | .0073732 | .6135 | .0013499 |
| %RSD | 44.44730 | 145.3770 | 9.123972 | 2.681130 | .2517586 | 7.934869 |
| #1 | .0011287 | .0011054 | .0974385 | .2680513 | 243.7566 | .0161110 |
| #2 | .0020863 | -.000278 | .0995194 | .2742233 | 244.2578 | .0185638 |
| #3 | .0009380 | .000621 | .1148025 | .2827357 | 243.0373 | .0163605 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0145419 |
| Stddev | .0001405 |
| %RSD | .9659885 |
| #1 | .0146855 |
| #2 | .0145354 |
| #3 | .0144048 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2835.192 | 66269.17 | 19416.52 | 1862.360 | 4126.367 |
| Stddev | 10.650 | 310.96 | 80.77 | 10.525 | 21.276 |
| %RSD | .3756278 | .4692333 | .4159681 | .5651622 | .5156222 |
| #1 | 2822.982 | 65918.90 | 19371.56 | 1854.095 | 4101.826 |
| #2 | 2840.027 | 66375.90 | 19368.25 | 1874.209 | 4139.633 |
| #3 | 2842.566 | 66512.70 | 19509.76 | 1858.774 | 4137.642 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01MS Acquired: 5/5/2025 22:21:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .8567063 | 1.814107 | .9837100 | 2.242121 | .8791504 | 29.57130 |
| Stddev | .0062701 | .017646 | .0110664 | .020250 | .0065474 | .24840 |
| %RSD | .7318894 | .9727220 | 1.124962 | .9031486 | .7447367 | .8400200 |
| #1 | .8536729 | 1.811509 | .9842872 | 2.252489 | .8796010 | 29.28496 |
| #2 | .8525296 | 1.797903 | .9723664 | 2.218786 | .8723894 | 29.69996 |
| #3 | .8639162 | 1.832907 | .9944765 | 2.255086 | .8854608 | 29.72899 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1858591 | .2000315 | .2136953 | 17.00734 | .6892275 | .2036267 |
| Stddev | .0007905 | .0015153 | .0016254 | .04880 | .0016514 | .0017381 |
| %RSD | .4253460 | .7575311 | .7606012 | .2869206 | .2395994 | .8535569 |
| #1 | .1853132 | .2013074 | .2135069 | 16.95100 | .6902802 | .2035189 |
| #2 | .1854985 | .2004304 | .2121723 | 17.03488 | .6900780 | .2019451 |
| #3 | .1867657 | .1983566 | .2154066 | 17.03614 | .6873242 | .2054162 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3015253 | 4.376589 | .1981497 | 3.998075 | .5330936 | .0841989 |
| Stddev | .0022165 | .046942 | .0010122 | .033995 | .0040923 | .0043626 |
| %RSD | .7351042 | 1.072569 | .5108453 | .8502809 | .7676421 | 5.181279 |
| #1 | .3019904 | 4.323433 | .1972402 | 4.002202 | .5331116 | .0804413 |
| #2 | .2991131 | 4.393985 | .1992403 | 4.029818 | .5289924 | .0831722 |
| #3 | .3034724 | 4.412350 | .1979687 | 3.962205 | .5371769 | .0889833 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1922.267 | .2915628 | .3137191 | 255.0792 | 8.244978 | .4633938 |
| Stddev | 10.938 | .0014494 | .0020487 | 3.9979 | .043386 | .0038289 |
| %RSD | .5690374 | .4971160 | .6530380 | 1.567331 | .5262163 | .8262790 |
| #1 | 1909.995 | .2898981 | .3122382 | 250.4817 | 8.277424 | .4626859 |
| #2 | 1930.993 | .2925441 | .3160571 | 257.0165 | 8.261812 | .4599683 |
| #3 | 1925.812 | .2922464 | .3128618 | 257.7394 | 8.195697 | .4675273 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01MS Acquired: 5/5/2025 22:21:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7839636 | .2099754 | 1.424064 | 8.462351 | F 1076.519 | .2273309 |
| Stddev | .0049298 | .0011448 | .025015 | .091930 | 8.564 | .0042171 |
| %RSD | .6288345 | .5452008 | 1.756572 | 1.086346 | .7955246 | 1.855062 |
| #1 | .7841349 | .2086646 | 1.396276 | 8.446777 | 1075.483 | .2227945 |
| #2 | .7789504 | .2104826 | 1.444785 | 8.379203 | 1068.521 | .2280663 |
| #3 | .7888056 | .2107789 | 1.431131 | 8.561074 | 1085.554 | .2311320 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2708865 |
| Stddev | .0031063 |
| %RSD | 1.146706 |
| #1 | .2673929 |
| #2 | .2719296 |
| #3 | .2733370 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2678.904 | 62728.92 | 19222.19 | 1739.373 | 3717.291 |
| Stddev | 8.718 | 361.82 | 189.16 | 17.453 | 16.599 |
| %RSD | .3254443 | .5767936 | .9840803 | 1.003402 | .4465414 |
| #1 | 2677.224 | 62476.20 | 19033.04 | 1742.549 | 3722.326 |
| #2 | 2688.340 | 62567.17 | 19222.19 | 1720.551 | 3730.790 |
| #3 | 2671.148 | 63143.40 | 19411.36 | 1755.021 | 3698.757 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01MSD Acquired: 5/5/2025 22:25:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .8716915 | 1.844307 | .9892479 | 2.260019 | .8532224 | 28.06445 |
| Stddev | .0078971 | .020114 | .0044710 | .028089 | .0087379 | .05171 |
| %RSD | .9059476 | 1.090583 | .4519576 | 1.242884 | 1.024100 | .1842574 |
| #1 | .8637456 | 1.821294 | .9917783 | 2.231104 | .8448566 | 28.11053 |
| #2 | .8717902 | 1.853099 | .9840855 | 2.261749 | .8525205 | 28.07431 |
| #3 | .8795388 | 1.858528 | .9918798 | 2.287203 | .8622900 | 28.00853 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1913110 | .1873918 | .2152896 | 16.51012 | .6827468 | .2056436 |
| Stddev | .0006219 | .0019486 | .0007605 | .02205 | .0056199 | .0007176 |
| %RSD | .3250693 | 1.039874 | .3532585 | .1335526 | .8231238 | .3489729 |
| #1 | .1909460 | .1858497 | .2149807 | 16.49389 | .6795064 | .2061811 |
| #2 | .1920291 | .1867437 | .2147321 | 16.50124 | .6892360 | .2048287 |
| #3 | .1909579 | .1895819 | .2161559 | 16.53522 | .6794979 | .2059210 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3038683 | 4.561862 | .2124034 | 3.877627 | .5382642 | .0767974 |
| Stddev | .0025003 | .054090 | .0010140 | .031992 | .0016983 | .0022989 |
| %RSD | .8228222 | 1.185708 | .4773889 | .8250476 | .3155195 | 2.993489 |
| #1 | .3021197 | 4.544046 | .2114303 | 3.846071 | .5384916 | .0790066 |
| #2 | .3027531 | 4.622613 | .2134539 | 3.876772 | .5364636 | .0744182 |
| #3 | .3067322 | 4.518927 | .2123260 | 3.910038 | .5398373 | .0769675 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1918.263 | .2960691 | .3014015 | 256.0840 | 7.419335 | .4483262 |
| Stddev | 51.909 | .0011424 | .0024205 | 4.3964 | .096761 | .0034535 |
| %RSD | 2.706057 | .3858663 | .8030933 | 1.716794 | 1.304177 | .7703019 |
| #1 | 1947.824 | .2950780 | .2992823 | 256.9072 | 7.342213 | .4454940 |
| #2 | 1948.639 | .2973186 | .3040393 | 260.0106 | 7.387882 | .4473112 |
| #3 | 1858.325 | .2958107 | .3008829 | 251.3341 | 7.527909 | .4521734 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01MSD Acquired: 5/5/2025 22:25:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7553815 | .2028566 | 1.430442 | 8.593424 | F 1055.618 | .2198429 |
| Stddev | .0012597 | .0007037 | .032739 | .038116 | 3.611 | .0011427 |
| %RSD | .1667691 | .3468981 | 2.288721 | .4435467 | .3420805 | .5197954 |
| #1 | .7561641 | .2021563 | 1.457173 | 8.565328 | 1053.101 | .2193603 |
| #2 | .7539283 | .2035636 | 1.440225 | 8.578133 | 1053.997 | .2211477 |
| #3 | .7560520 | .2028499 | 1.393926 | 8.636811 | 1059.755 | .2190206 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2711588 |
| Stddev | .0007723 |
| %RSD | .2848148 |
| #1 | .2713516 |
| #2 | .2718165 |
| #3 | .2703084 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2660.519 | 62702.79 | 20352.96 | 1748.294 | 3703.016 |
| Stddev | 16.676 | 519.81 | 177.52 | 16.590 | 17.190 |
| %RSD | .6267942 | .8290092 | .8722243 | .9489539 | .4642255 |
| #1 | 2666.090 | 62862.78 | 20462.59 | 1762.503 | 3696.093 |
| #2 | 2673.697 | 62121.79 | 20448.15 | 1730.061 | 3722.588 |
| #3 | 2641.771 | 63123.80 | 20148.14 | 1752.317 | 3690.367 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01A Acquired: 5/5/2025 22:29:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .7940459 | 1.685761 | .9050202 | 2.093374 | .7779469 | 29.27392 |
| Stddev | .0101857 | .021274 | .0058917 | .023603 | .0071157 | .14295 |
| %RSD | 1.282762 | 1.262006 | .6510019 | 1.127527 | .9146730 | .4883063 |
| #1 | .7860047 | 1.665669 | .9019130 | 2.094947 | .7753949 | 29.11316 |
| #2 | .7906333 | 1.683567 | .9013325 | 2.069024 | .7724591 | 29.32187 |
| #3 | .8054998 | 1.708048 | .9118151 | 2.116152 | .7859866 | 29.38672 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1680893 | .1711365 | .1964129 | 17.27343 | .6769880 | .1870728 |
| Stddev | .0007662 | .0005033 | .0010372 | .07197 | .0016424 | .0008406 |
| %RSD | .4558243 | .2941044 | .5280891 | .4166518 | .2426069 | .4493435 |
| #1 | .1679129 | .1715964 | .1959358 | 17.19547 | .6783252 | .1864102 |
| #2 | .1689283 | .1705989 | .1957000 | 17.33735 | .6774841 | .1867899 |
| #3 | .1674268 | .1712144 | .1976028 | 17.28746 | .6751547 | .1880184 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2826369 | 4.347613 | .1783679 | 3.882233 | .4930032 | .0709297 |
| Stddev | .0024206 | .027592 | .0003739 | .013608 | .0025179 | .0025190 |
| %RSD | .8564459 | .6346404 | .2096168 | .3505271 | .5107313 | 3.551462 |
| #1 | .2812452 | 4.315780 | .1785556 | 3.866829 | .4921506 | .0682493 |
| #2 | .2812336 | 4.364677 | .1786108 | 3.892623 | .4910222 | .0732483 |
| #3 | .2854320 | 4.362381 | .1779373 | 3.887246 | .4958367 | .0712916 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2060.283 | .2627167 | .2916950 | 270.2875 | 7.830754 | .4114331 |
| Stddev | 21.341 | .0025187 | .0016071 | 2.0822 | .026649 | .0026772 |
| %RSD | 1.035835 | .9587033 | .5509679 | .7703632 | .3403122 | .6507020 |
| #1 | 2074.236 | .2647802 | .2912455 | 268.3848 | 7.831327 | .4109627 |
| #2 | 2070.897 | .2634599 | .2903604 | 272.5118 | 7.803823 | .4090222 |
| #3 | 2035.716 | .2599101 | .2934790 | 269.9659 | 7.857112 | .4143142 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: Q1930-01A Acquired: 5/5/2025 22:29:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) 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 | .6969422 | .1787739 | 1.486810 | 8.076255 | F 1122.071 | .1957010 |
| Stddev | .0032796 | .0019524 | .008727 | .043826 | 4.927 | .0018670 |
| %RSD | .4705622 | 1.092114 | .5869348 | .5426510 | .4390996 | .9540071 |
| #1 | .6966411 | .1765562 | 1.477162 | 8.077509 | 1118.880 | .1942932 |
| #2 | .6938235 | .1802339 | 1.494152 | 8.031816 | 1119.586 | .1978189 |
| #3 | .7003619 | .1795316 | 1.489115 | 8.119441 | 1127.745 | .1949910 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2505747 |
| Stddev | .0018170 |
| %RSD | .7251347 |
| #1 | .2486023 |
| #2 | .2521804 |
| #3 | .2509414 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2627.725 | 60836.62 | 20122.80 | 1698.912 | 3658.153 |
| Stddev | 10.912 | 373.79 | 81.96 | 2.417 | 9.538 |
| %RSD | .4152541 | .6144217 | .4073000 | .1422794 | .2607322 |
| #1 | 2633.631 | 60577.19 | 20049.06 | 1696.595 | 3662.437 |
| #2 | 2634.410 | 60667.60 | 20108.29 | 1698.722 | 3664.799 |
| #3 | 2615.133 | 61265.07 | 20211.04 | 1701.419 | 3647.225 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV10 Acquired: 5/5/2025 22:33:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.735615 | 4.553048 | 4.745405 | 4.733807 | 4.715720 | 9.234614 |
| Stddev | .012398 | .080893 | .010660 | .005210 | .005815 | .027861 |
| %RSD | .2617994 | 1.776687 | .2246438 | .1100566 | .1233067 | .3017010 |
| #1 | 4.746233 | 4.611136 | 4.741544 | 4.739072 | 4.717299 | 9.205194 |
| #2 | 4.738622 | 4.587353 | 4.757458 | 4.733695 | 4.720582 | 9.260597 |
| #3 | 4.721991 | 4.460655 | 4.737214 | 4.728654 | 4.709279 | 9.238053 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.085163 | .2393016 | 2.375057 | 23.26184 | .9672749 | 2.355751 |
| Stddev | .077998 | .0028221 | .007919 | .09272 | .0023336 | .006774 |
| %RSD | .8585228 | 1.179317 | .3334135 | .3986141 | .2412589 | .2875587 |
| #1 | 9.038977 | .2360474 | 2.379910 | 23.16727 | .9666193 | 2.359407 |
| #2 | 9.041294 | .2407800 | 2.379343 | 23.35260 | .9653392 | 2.359911 |
| #3 | 9.175218 | .2410773 | 2.365920 | 23.26564 | .9698662 | 2.347934 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.182167 | 4.619161 | 2.295478 | 23.59881 | 2.367928 | 1.176513 |
| Stddev | .002286 | .035403 | .010828 | .20587 | .007381 | .004846 |
| %RSD | .1933837 | .7664386 | .4717105 | .8723614 | .3117157 | .4118543 |
| #1 | 1.183778 | 4.659815 | 2.283016 | 23.36932 | 2.374578 | 1.172695 |
| #2 | 1.183172 | 4.595122 | 2.302581 | 23.65986 | 2.369220 | 1.174880 |
| #3 | 1.179550 | 4.602545 | 2.300839 | 23.76724 | 2.359986 | 1.181964 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.25325 | 2.326003 | 2.326593 | 22.80138 | 4.711111 | 4.748132 |
| Stddev | .24738 | .005955 | .015356 | .15065 | .062364 | .016792 |
| %RSD | 1.063859 | .2560240 | .6600332 | .6607103 | 1.323771 | .3536643 |
| #1 | 23.53801 | 2.319149 | 2.308890 | 22.97438 | 4.639104 | 4.760606 |
| #2 | 23.13042 | 2.328954 | 2.334576 | 22.69908 | 4.746368 | 4.754752 |
| #3 | 23.09132 | 2.329906 | 2.336314 | 22.73069 | 4.747862 | 4.729039 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCV10 Acquired: 5/5/2025 22:33:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.730212 | 4.585221 | 4.614022 | 4.701173 | 4.728432 | F 4.432583 |
| Stddev | .019984 | .004248 | .031620 | .024274 | .032870 | .007332 |
| %RSD | .4224855 | .0926395 | .6852953 | .5163482 | .6951586 | .1654084 |
| #1 | 4.745521 | 4.581547 | 4.648097 | 4.718181 | 4.761423 | 4.426928 |
| #2 | 4.737511 | 4.589872 | 4.608341 | 4.711963 | 4.728189 | 4.440867 |
| #3 | 4.707604 | 4.584245 | 4.585628 | 4.673374 | 4.695684 | 4.429954 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.550580 |
| Stddev | .071207 |
| %RSD | 1.564797 |
| #1 | 4.468431 |
| #2 | 4.588640 |
| #3 | 4.594669 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2998.455 | 70280.14 | 19765.73 | 1920.236 | 4551.125 |
| Stddev | 10.401 | 61.63 | 186.69 | 5.742 | 20.480 |
| %RSD | .3468788 | .0876948 | .9444936 | .2990307 | .4499917 |
| #1 | 2990.240 | 70209.09 | 19980.45 | 1925.656 | 4536.338 |
| #2 | 2994.974 | 70319.19 | 19641.82 | 1920.834 | 4542.537 |
| #3 | 3010.150 | 70312.15 | 19674.92 | 1914.218 | 4574.501 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB10 Acquired: 5/5/2025 22:37:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021065 | -.000308 | -.000964 | .0026437 | -.001295 | -.008582 |
| Stddev | .0026670 | .000512 | .000736 | .0048575 | .000052 | .004115 |
| %RSD | 126.6115 | 166.3808 | 76.38035 | 183.7412 | 4.029543 | 47.94913 |
| #1 | .0043532 | -.000711 | -.001546 | .0010510 | -.001256 | -.011253 |
| #2 | .0028072 | .000268 | -.000136 | .0080975 | -.001355 | -.003843 |
| #3 | -.000841 | -.000481 | -.001209 | -.001218 | -.001275 | -.010649 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.005239 | -.000051 | -.000407 | -.002526 | -.000080 | -.000274 |
| Stddev | .000481 | .000044 | .000100 | .004949 | .000199 | .000279 |
| %RSD | 9.175282 | 85.40323 | 24.47739 | 195.9328 | 247.0290 | 102.0962 |
| #1 | -.004710 | -.000098 | -.000360 | -.005840 | -.000206 | -.000287 |
| #2 | -.005356 | -.000012 | -.000341 | -.004901 | -.000184 | -.000546 |
| #3 | -.005649 | -.000044 | -.000522 | .003163 | .000149 | .000012 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000065 | -.012001 | .0055560 | .0124538 | -.000150 | -.000255 |
| Stddev | .000134 | .002776 | .0002792 | .0045009 | .000151 | .000279 |
| %RSD | 207.9442 | 23.12934 | 5.024777 | 36.14071 | 100.6170 | 109.2392 |
| #1 | -.000206 | -.015168 | .0058450 | .0174965 | -.000172 | -.000413 |
| #2 | -.000048 | -.009990 | .0055353 | .0088434 | .000011 | .000067 |
| #3 | .000061 | -.010846 | .0052878 | .0110214 | -.000288 | -.000418 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4863808 | -.000853 | -.000890 | .2505369 | .0241765 | .0000787 |
| Stddev | .0067497 | .000783 | .000612 | .0100018 | .0007095 | .0001175 |
| %RSD | 1.387732 | 91.72377 | 68.69557 | 3.992154 | 2.934764 | 149.2695 |
| #1 | .4939954 | -.000247 | -.000530 | .2513321 | .0248876 | -.000031 |
| #2 | .4811341 | -.000576 | -.000545 | .2601173 | .0241732 | .000202 |
| #3 | .4840129 | -.001737 | -.001597 | .2401611 | .0234686 | .000065 |

Reviewed By:jaswal
On:5/7/2025 1:30:24 AM
Inst Id :P4
LB :LB135674

Sample Name: CCB10 Acquired: 5/5/2025 22:37:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v29) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000205 | .0001811 | .0109892 | -.001246 | F .0594133 | .0074046 |
| Stddev | .000316 | .0007020 | .0082796 | .001567 | .0073607 | .0012110 |
| %RSD | 154.1055 | 387.6522 | 75.34335 | 125.8104 | 12.38892 | 16.35451 |
| #1 | -.000535 | .0003951 | .0131685 | -.003038 | .0657683 | .0061181 |
| #2 | .000095 | -.000603 | .0179611 | -.000135 | .0611234 | .0085224 |
| #3 | -.000175 | .000751 | .0018379 | -.000564 | .0513481 | .0075733 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.000537 |
| Stddev | .000031 |
| %RSD | 5.813553 |
| #1 | -.000557 |
| #2 | -.000501 |
| #3 | -.000552 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3061.924 | 73663.64 | 21447.78 | 2010.321 | 4833.798 |
| Stddev | 6.472 | 222.79 | 73.07 | 10.911 | 7.442 |
| %RSD | .2113624 | .3024470 | .3406936 | .5427306 | .1539479 |
| #1 | 3064.267 | 73680.40 | 21366.03 | 2006.912 | 4834.175 |
| #2 | 3054.608 | 73432.95 | 21470.60 | 2001.522 | 4826.176 |
| #3 | 3066.898 | 73877.59 | 21506.73 | 2022.529 | 4841.044 |