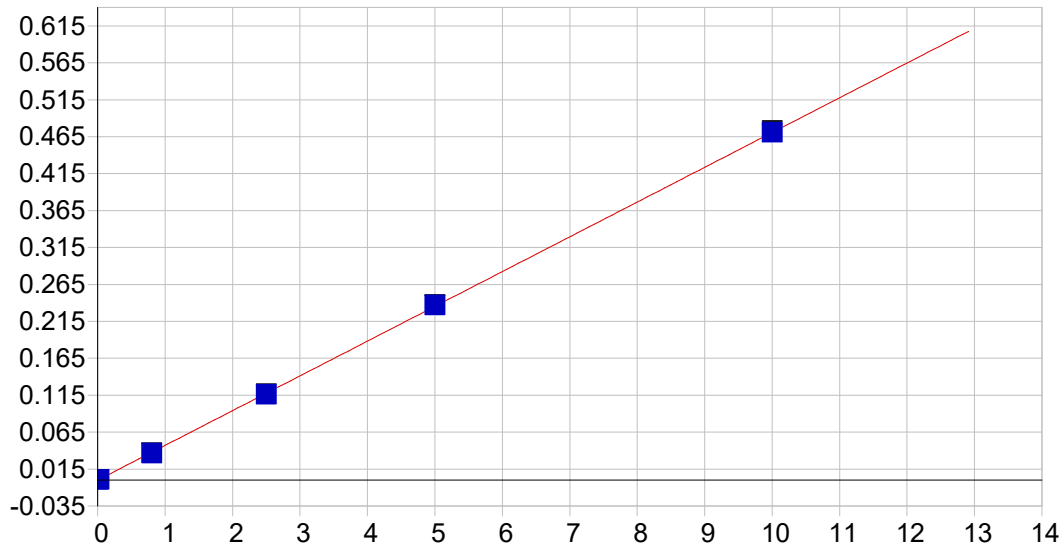
Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



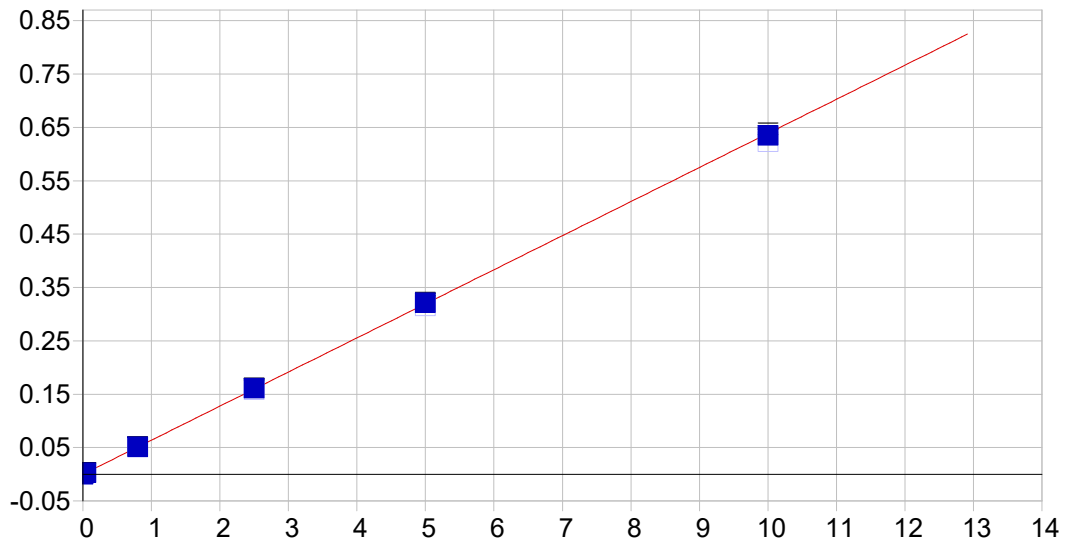

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000062 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.047066 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999971 | Status: | OK. |
| Std Error of Est: | 0.000008 | | |
| Predicted MDL: | 0.002559 | | |
| Predicted MQL: | 0.008529 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00006 | .000 | 1 |
| S1 | .02000 | .02051 | .001 | 2.56 | .00090 | .000 | 1 |
| S3 | 2.5000 | 2.4746 | -.025 | -1.02 | .11628 | .000 | 1 |
| S4 | 5.0000 | 5.0378 | .038 | .756 | .23679 | .000 | 1 |
| S5 | 10.000 | 10.007 | .007 | .073 | .47043 | .002 | 1 |
| S2 | .80000 | .77984 | -.020 | -2.52 | .03660 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



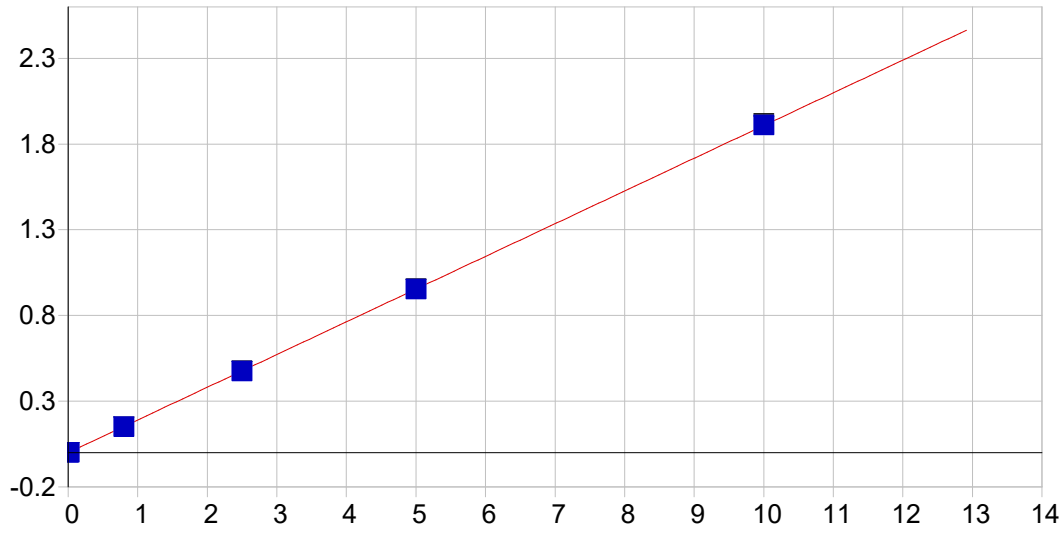

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000134 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.063892 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999972 | Status: | OK. |
| Std Error of Est: | 0.000015 | | |
| Predicted MDL: | 0.001733 | | |
| Predicted MQL: | 0.005776 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00013 | .000 | 1 |
| S1 | .04000 | .04260 | .003 | 6.51 | .00242 | .000 | 1 |
| S3 | 2.5000 | 2.5244 | .024 | .976 | .15821 | .001 | 1 |
| S4 | 5.0000 | 5.0294 | .029 | .589 | .31532 | .001 | 1 |
| S5 | 10.000 | 9.9390 | -.061 | -.610 | .62312 | .005 | 1 |
| S2 | .80000 | .80468 | .005 | .585 | .05034 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



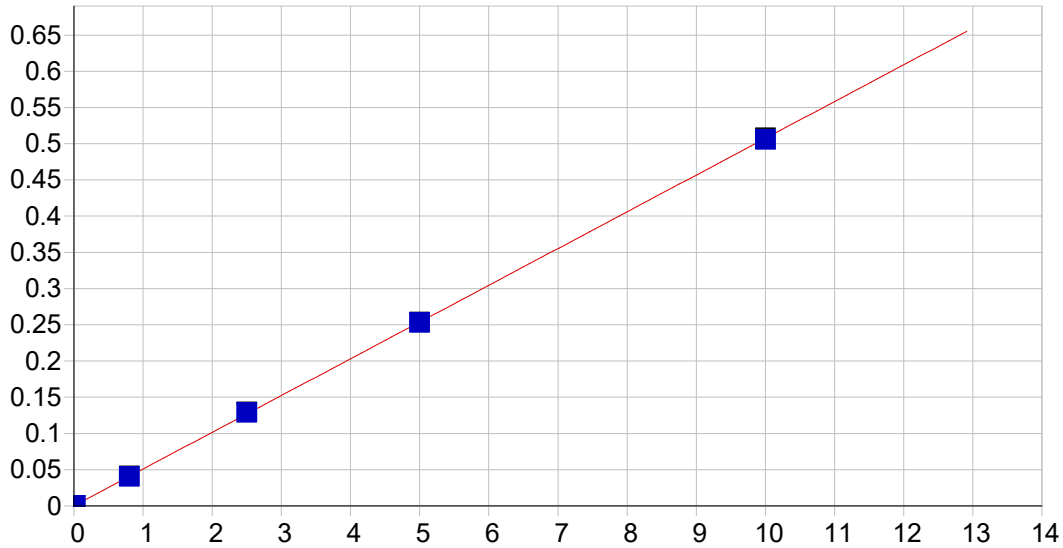

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000275 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.190817 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999993 | Status: | OK. |
| Std Error of Est: | 0.000013 | | |
| Predicted MDL: | 0.001409 | | |
| Predicted MQL: | 0.004696 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00027 | .000 | 1 |
| S1 | .01200 | .01199 | -.000 | -.063 | .00197 | .000 | 1 |
| S3 | 2.5000 | 2.4906 | -.009 | -.377 | .47445 | .001 | 1 |
| S4 | 5.0000 | 5.0004 | .000 | .008 | .95284 | .001 | 1 |
| S5 | 10.000 | 10.021 | .021 | .205 | 1.9097 | .007 | 1 |
| S2 | .80000 | .78849 | -.012 | -1.44 | .15001 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



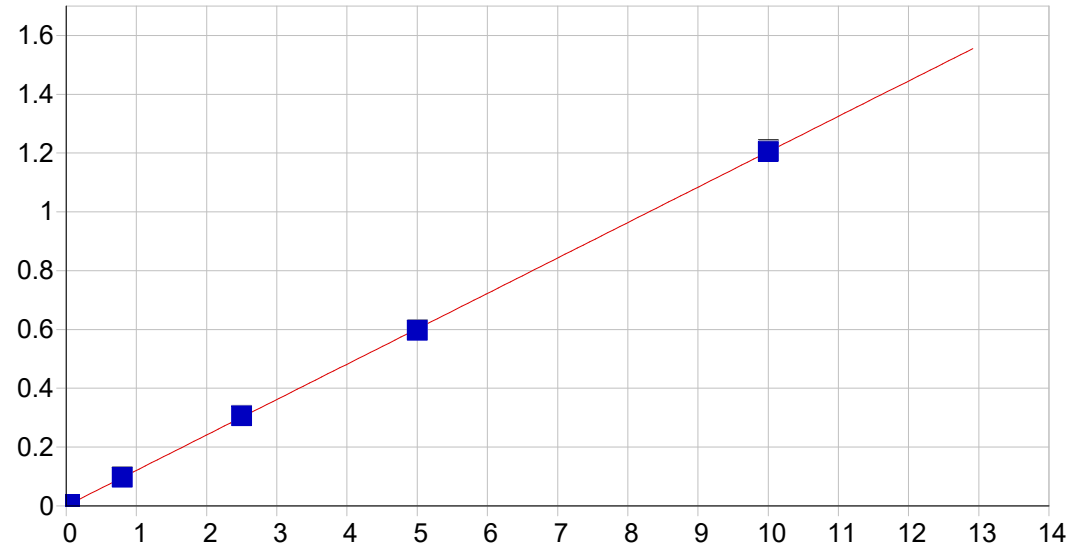

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000197 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.050722 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999977 | Status: | OK. |
| Std Error of Est: | 0.000008 | | |
| Predicted MDL: | 0.002900 | | |
| Predicted MQL: | 0.009665 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00020 | .000 | 1 |
| S1 | .02000 | .02181 | .002 | 9.05 | .00130 | .000 | 1 |
| S3 | 2.5000 | 2.5373 | .037 | 1.49 | .12885 | .001 | 1 |
| S4 | 5.0000 | 4.9898 | -.010 | -.204 | .25320 | .000 | 1 |
| S5 | 10.000 | 9.9709 | -.029 | -.291 | .50576 | .002 | 1 |
| S2 | .80000 | .80022 | .000 | .028 | .04077 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



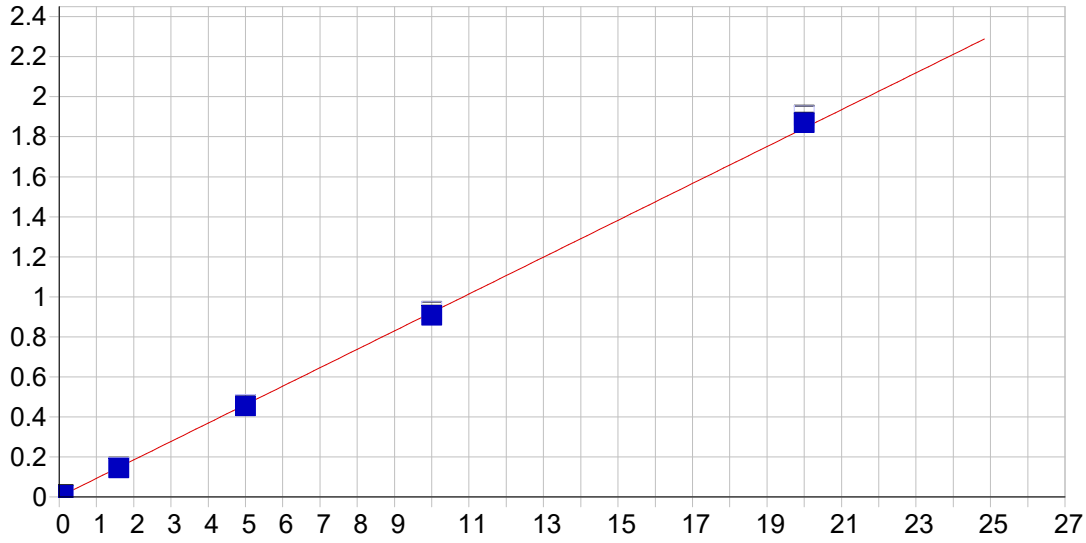

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000297 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.120408 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999964 | Status: | OK. |
| Std Error of Est: | 0.000038 | | |
| Predicted MDL: | 0.001833 | | |
| Predicted MQL: | 0.006111 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00030 | .000 | 1 |
| S1 | .05000 | .05318 | .003 | 6.35 | .00671 | .000 | 1 |
| S3 | 2.5000 | 2.5388 | .039 | 1.55 | .30681 | .001 | 1 |
| S4 | 5.0000 | 4.9521 | -.048 | -.959 | .59820 | .001 | 1 |
| S5 | 10.000 | 9.9997 | -.000 | -.003 | 1.2076 | .004 | 1 |
| S2 | .80000 | .80628 | .006 | .784 | .09764 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



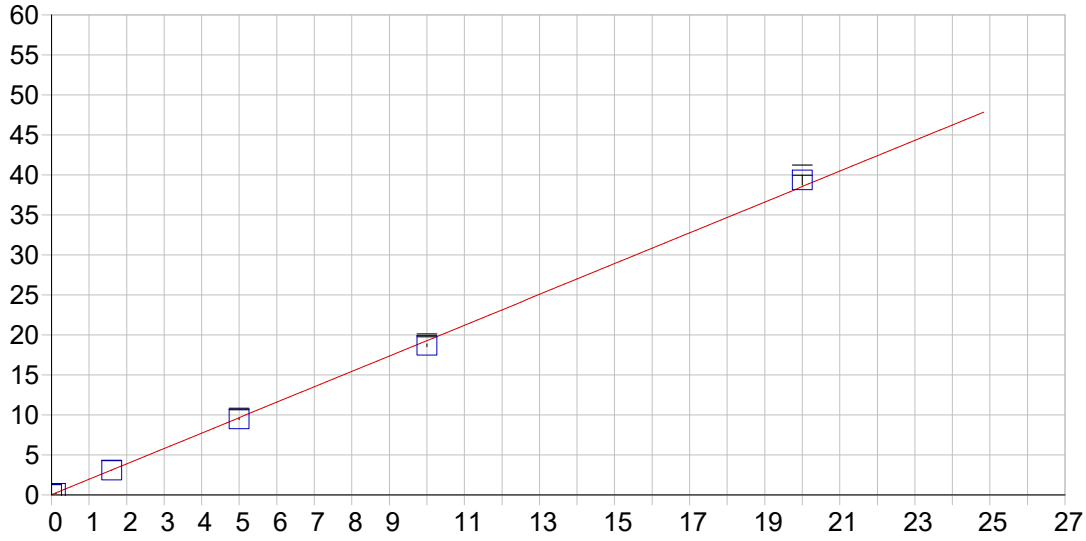

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000789 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.092114 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999878 | Status: | OK. |
| Std Error of Est: | 0.000109 | | |
| Predicted MDL: | 0.005226 | | |
| Predicted MQL: | 0.017421 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .00079 | .000 | 1 |
| S1 | .10000 | .09462 | -.005 | -5.38 | .01022 | .000 | 1 |
| S3 | 5.0000 | 4.9140 | -.086 | -1.72 | .46237 | .000 | 1 |
| S4 | 10.000 | 9.8420 | -.158 | -1.58 | .92525 | .002 | 1 |
| S5 | 20.000 | 20.287 | .287 | 1.44 | 1.9053 | .003 | 1 |
| S2 | 1.6000 | 1.5623 | -.038 | -2.35 | .14756 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



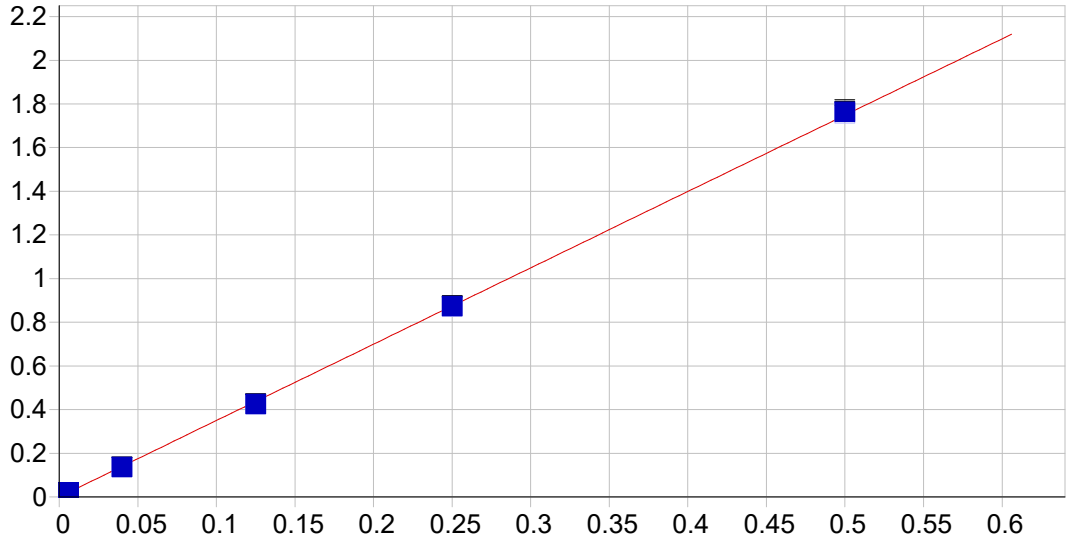

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.032123 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.925417 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999718 | Status: | OK. |
| Std Error of Est: | 0.003390 | | |
| Predicted MDL: | 0.000918 | | |
| Predicted MQL: | 0.003060 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | .03214 | .002 | 1 |
| S1 | .10000 | .09490 | -.005 | -5.10 | .21484 | .001 | 1 |
| S3 | 5.0000 | 4.9161 | -.084 | -1.68 | 9.4976 | .087 | 1 |
| S4 | 10.000 | 9.6902 | -.310 | -3.10 | 18.690 | .185 | 1 |
| S5 | 20.000 | 20.425 | .425 | 2.12 | 39.358 | .650 | 1 |
| S2 | 1.6000 | 1.5742 | -.026 | -1.61 | 3.0632 | .003 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



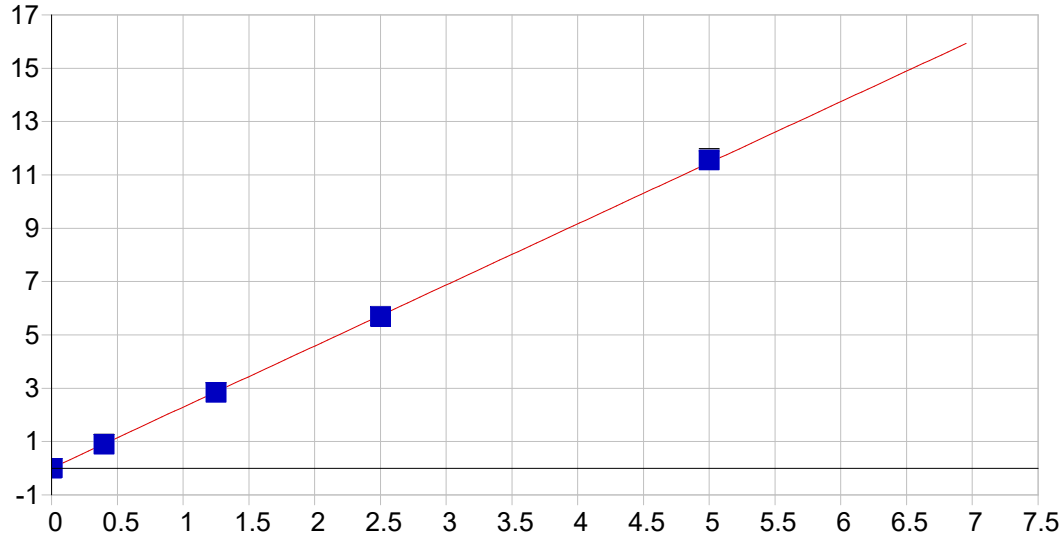

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000110 | Re-Slope: | 1.000000 |
| A1 (Gain): | 3.497329 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999916 | Status: | OK. |
| Std Error of Est: | 0.000130 | | |
| Predicted MDL: | 0.000052 | | |
| Predicted MQL: | 0.000173 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00011 | .000 | 1 |
| S1 | .00600 | .00604 | .000 | .713 | .02109 | .000 | 1 |
| S3 | .12500 | .12168 | -.003 | -2.66 | .42370 | .002 | 1 |
| S4 | .25000 | .24995 | -.000 | -.022 | .87033 | .002 | 1 |
| S5 | .50000 | .50437 | .004 | .874 | 1.7562 | .009 | 1 |
| S2 | .04000 | .03897 | -.001 | -2.59 | .13576 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



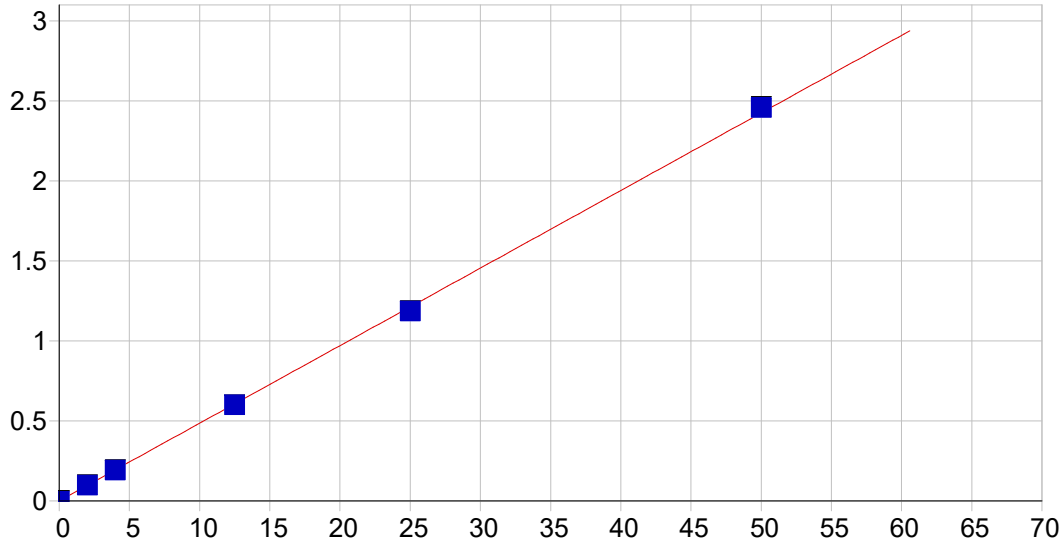

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000109 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.291152 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999946 | Status: | OK. |
| Std Error of Est: | 0.000216 | | |
| Predicted MDL: | 0.000081 | | |
| Predicted MQL: | 0.000270 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00011 | .000 | 1 |
| S1 | .00600 | .00584 | -.000 | -2.73 | .01333 | .000 | 1 |
| S3 | 1.2500 | 1.2378 | -.012 | -.973 | 2.8385 | .006 | 1 |
| S4 | 2.5000 | 2.4783 | -.022 | -.869 | 5.6831 | .010 | 1 |
| S5 | 5.0000 | 5.0446 | .045 | .891 | 11.568 | .041 | 1 |
| S2 | .40000 | .38949 | -.011 | -2.63 | .89308 | .002 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



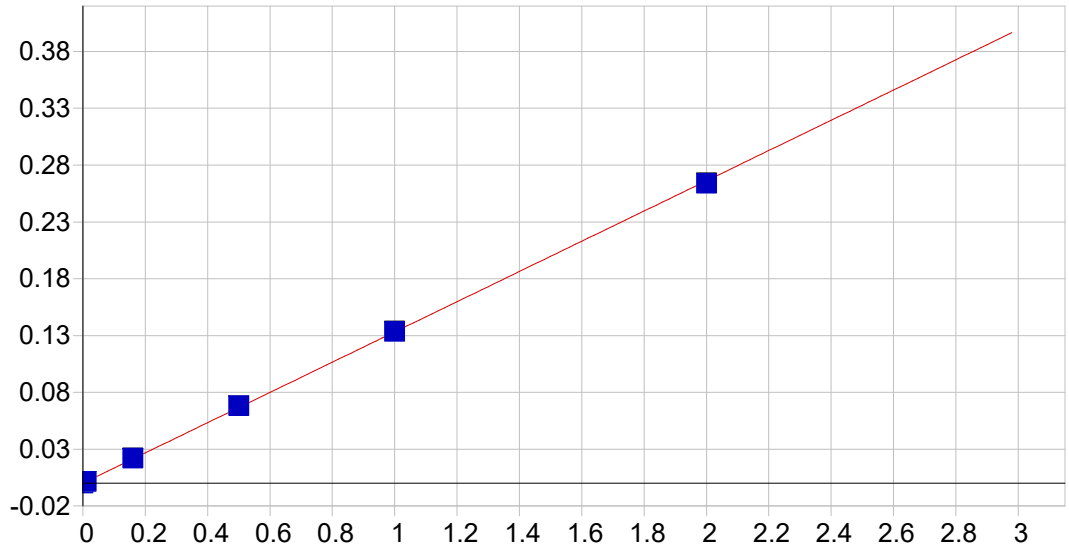

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000828 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.048476 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999877 | Status: | OK. |
| Std Error of Est: | 0.000403 | | |
| Predicted MDL: | 0.007956 | | |
| Predicted MQL: | 0.026521 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00005 | .000 | .000 | .00083 | .000 | 1 |
| S2 | 4.0000 | 3.9497 | -.050 | -1.26 | .19230 | .001 | 1 |
| S3 | 12.500 | 12.372 | -.128 | -1.02 | .60057 | .002 | 1 |
| S4 | 25.000 | 24.469 | -.531 | -2.12 | 1.1870 | .002 | 1 |
| S5 | 50.000 | 50.697 | .697 | 1.39 | 2.4584 | .006 | 1 |
| S1 | 2.0000 | 2.0130 | .013 | .651 | .09841 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



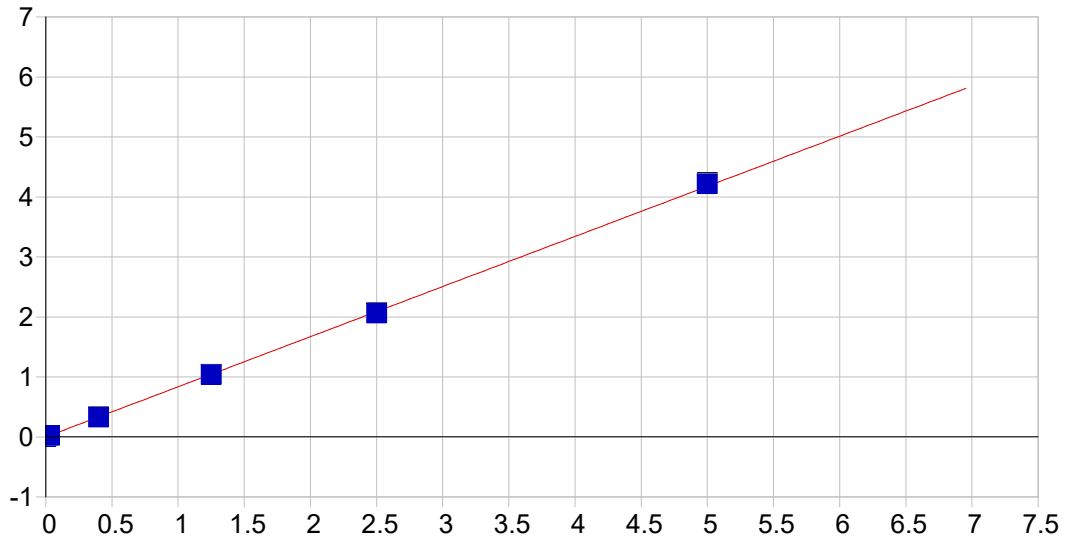

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000039 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.133092 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999928 | Status: | OK. |
| Std Error of Est: | 0.000012 | | |
| Predicted MDL: | 0.000462 | | |
| Predicted MQL: | 0.001542 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00004 | .000 | 1 |
| S1 | .01000 | .01032 | .000 | 3.24 | .00141 | .000 | 1 |
| S3 | .50000 | .51148 | .011 | 2.30 | .06813 | .000 | 1 |
| S4 | 1.0000 | 1.0020 | .002 | .203 | .13344 | .000 | 1 |
| S5 | 2.0000 | 1.9823 | -.018 | -.886 | .26394 | .000 | 1 |
| S2 | .16000 | .16388 | .004 | 2.42 | .02186 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



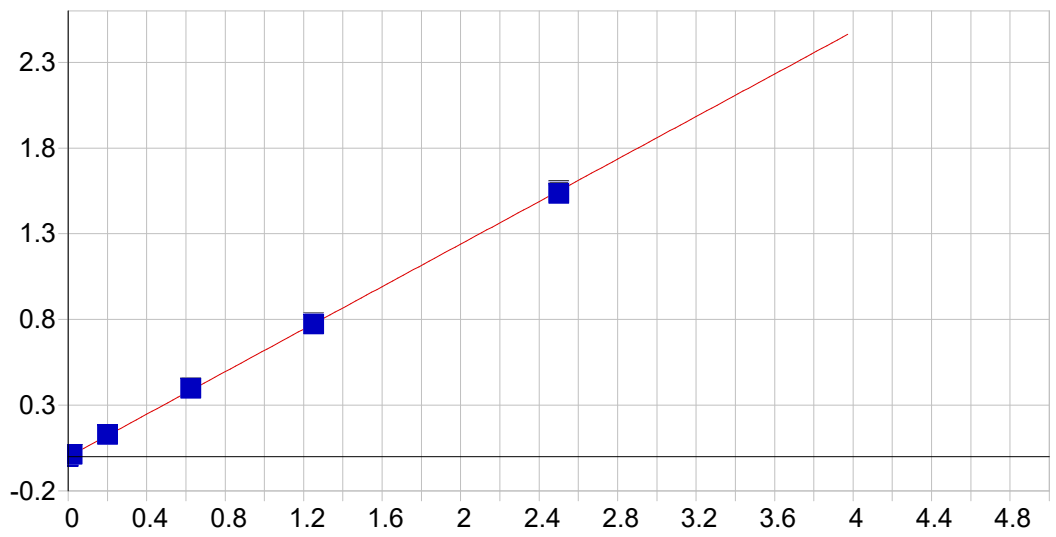

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000023 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.835360 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999945 | Status: | OK. |
| Std Error of Est: | 0.000178 | | |
| Predicted MDL: | 0.000235 | | |
| Predicted MQL: | 0.000784 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00002 | .000 | 1 |
| S1 | .03000 | .02965 | -.000 | -1.18 | .02464 | .000 | 1 |
| S3 | 1.2500 | 1.2422 | -.008 | -.621 | 1.0395 | .002 | 1 |
| S4 | 2.5000 | 2.4690 | -.031 | -1.24 | 2.0660 | .002 | 1 |
| S5 | 5.0000 | 5.0466 | .047 | .932 | 4.2228 | .014 | 1 |
| S2 | .40000 | .39256 | -.007 | -1.86 | .32847 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



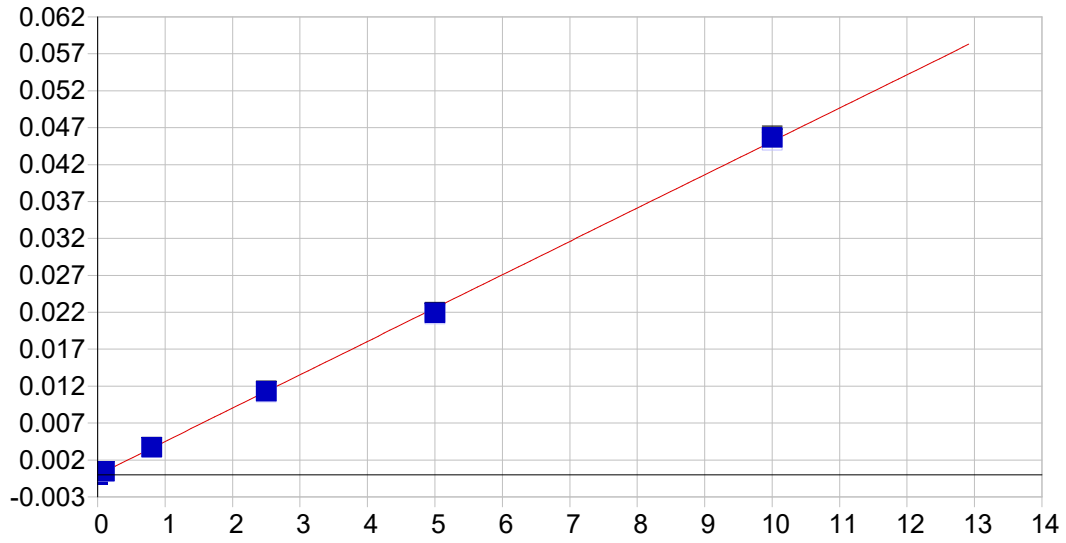

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000614 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.620132 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999854 | Status: | OK. |
| Std Error of Est: | 0.000125 | | |
| Predicted MDL: | 0.000416 | | |
| Predicted MQL: | 0.001386 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00062 | .000 | 1 |
| S1 | .02000 | .02268 | .003 | 13.4 | .01357 | .000 | 1 |
| S3 | .62500 | .64205 | .017 | 2.73 | .40029 | .001 | 1 |
| S4 | 1.2500 | 1.2482 | -.002 | -.143 | .77894 | .001 | 1 |
| S5 | 2.5000 | 2.4746 | -.025 | -1.01 | 1.5450 | .007 | 1 |
| S2 | .20000 | .20739 | .007 | 3.70 | .12888 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



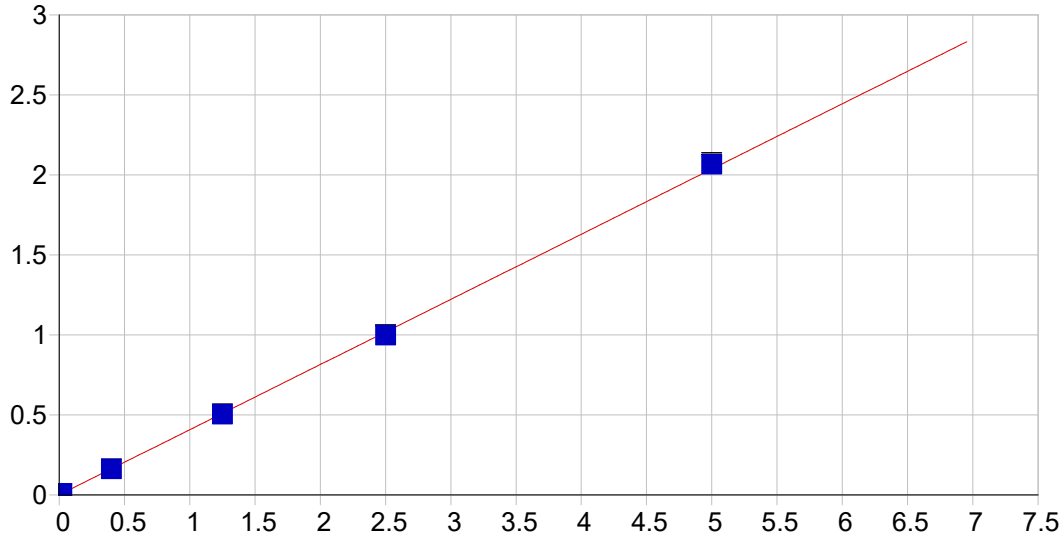

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000008 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.004515 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999836 | Status: | OK. |
| Std Error of Est: | 0.000004 | | |
| Predicted MDL: | 0.004482 | | |
| Predicted MQL: | 0.014939 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00001 | .000 | 1 |
| S1 | .10000 | .10076 | .001 | .762 | .00044 | .000 | 1 |
| S3 | 2.5000 | 2.5017 | .002 | .069 | .01119 | .000 | 1 |
| S4 | 5.0000 | 4.8594 | -.141 | -2.81 | .02174 | .000 | 1 |
| S5 | 10.000 | 10.116 | .116 | 1.16 | .04528 | .000 | 1 |
| S2 | .80000 | .82223 | .022 | 2.78 | .00367 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



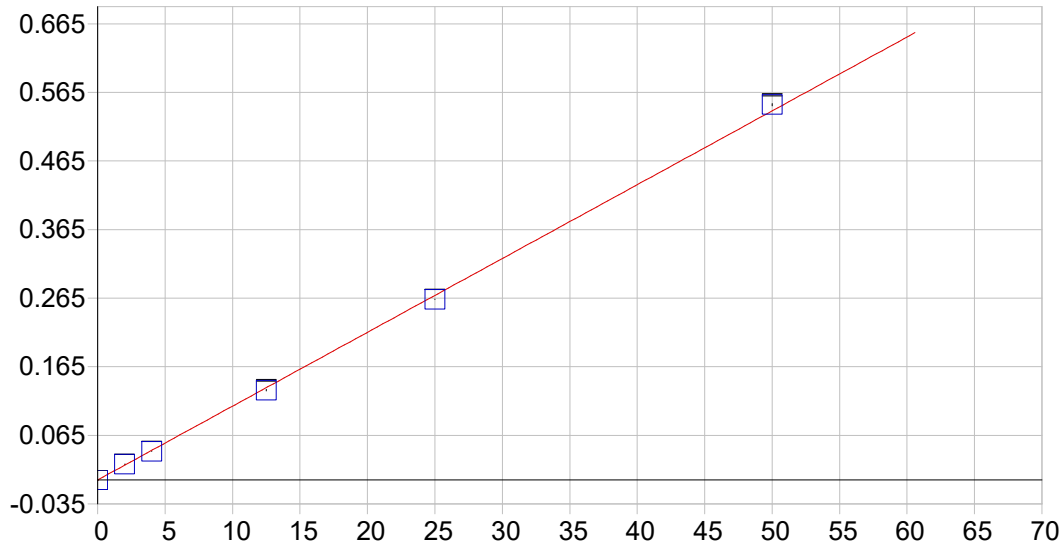

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000255 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.407297 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999875 | Status: | OK. |
| Std Error of Est: | 0.000107 | | |
| Predicted MDL: | 0.000347 | | |
| Predicted MQL: | 0.001158 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00026 | .000 | 1 |
| S1 | .02000 | .01970 | -.000 | -1.50 | .00828 | .000 | 1 |
| S3 | 1.2500 | 1.2357 | -.014 | -1.15 | .50364 | .002 | 1 |
| S4 | 2.5000 | 2.4484 | -.052 | -2.06 | .99770 | .005 | 1 |
| S5 | 5.0000 | 5.0709 | .071 | 1.42 | 2.0660 | .010 | 1 |
| S2 | .40000 | .39529 | -.005 | -1.18 | .16129 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



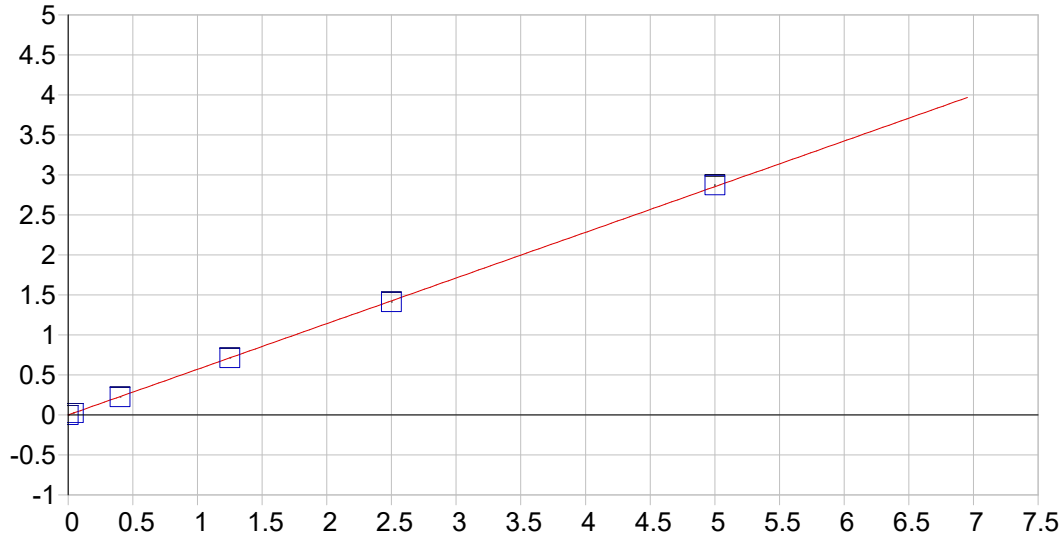

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000102 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.010762 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999738 | Status: | OK. |
| Std Error of Est: | 0.000130 | | |
| Predicted MDL: | 0.015197 | | |
| Predicted MQL: | 0.050656 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | -.00010 | .000 | 1 |
| S2 | 4.0000 | 3.8777 | -.122 | -3.06 | .04163 | .000 | 1 |
| S3 | 12.500 | 12.167 | -.333 | -2.66 | .13085 | .001 | 1 |
| S4 | 25.000 | 24.466 | -.534 | -2.13 | .26321 | .000 | 1 |
| S5 | 50.000 | 50.841 | .841 | 1.68 | .54707 | .002 | 1 |
| S1 | 2.0000 | 2.1474 | .147 | 7.37 | .02301 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



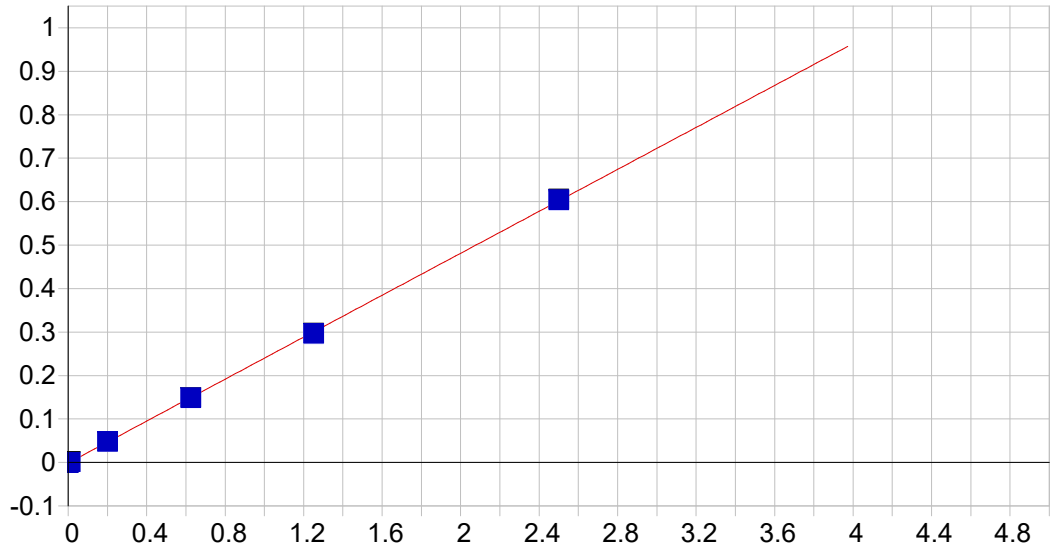

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000177 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.570592 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999975 | Status: | OK. |
| Std Error of Est: | 0.000095 | | |
| Predicted MDL: | 0.000324 | | |
| Predicted MQL: | 0.001079 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00018 | .000 | 1 |
| S1 | .04000 | .03956 | -.000 | -1.10 | .02240 | .000 | 1 |
| S3 | 1.2500 | 1.2483 | -.002 | -.133 | .71211 | .002 | 1 |
| S4 | 2.5000 | 2.4761 | -.024 | -.955 | 1.4127 | .001 | 1 |
| S5 | 5.0000 | 5.0303 | .030 | .606 | 2.8701 | .009 | 1 |
| S2 | .40000 | .39567 | -.004 | -1.08 | .22559 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



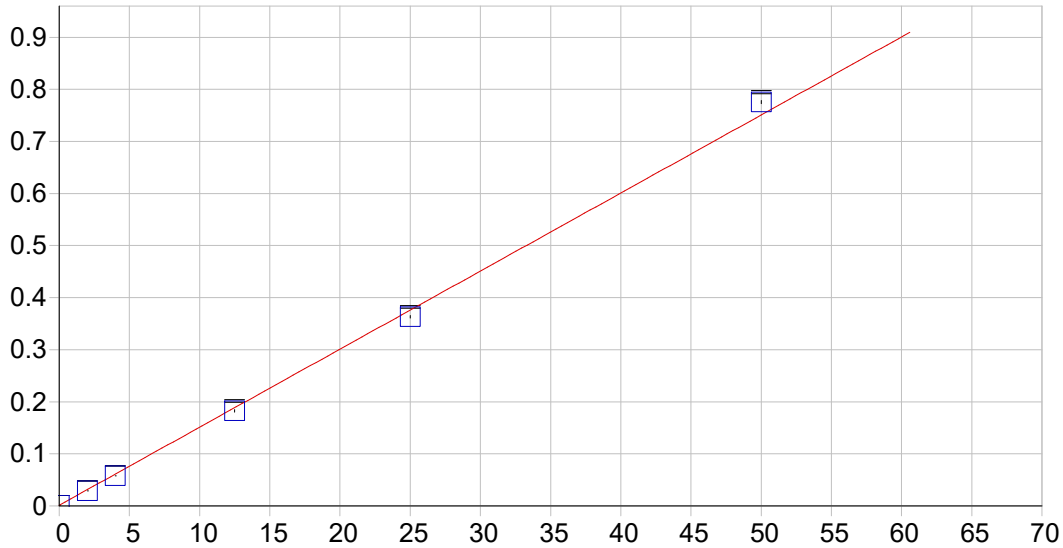

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001368 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.241299 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999961 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.000357 | | |
| Predicted MQL: | 0.001189 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00137 | .000 | 1 |
| S1 | .01000 | .01067 | .001 | 6.73 | .00119 | .000 | 1 |
| S3 | .62500 | .62232 | -.003 | -.428 | .14820 | .000 | 1 |
| S4 | 1.2500 | 1.2362 | -.014 | -1.11 | .29572 | .001 | 1 |
| S5 | 2.5000 | 2.5114 | .011 | .458 | .60225 | .002 | 1 |
| S2 | .20000 | .20440 | .004 | 2.20 | .04776 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



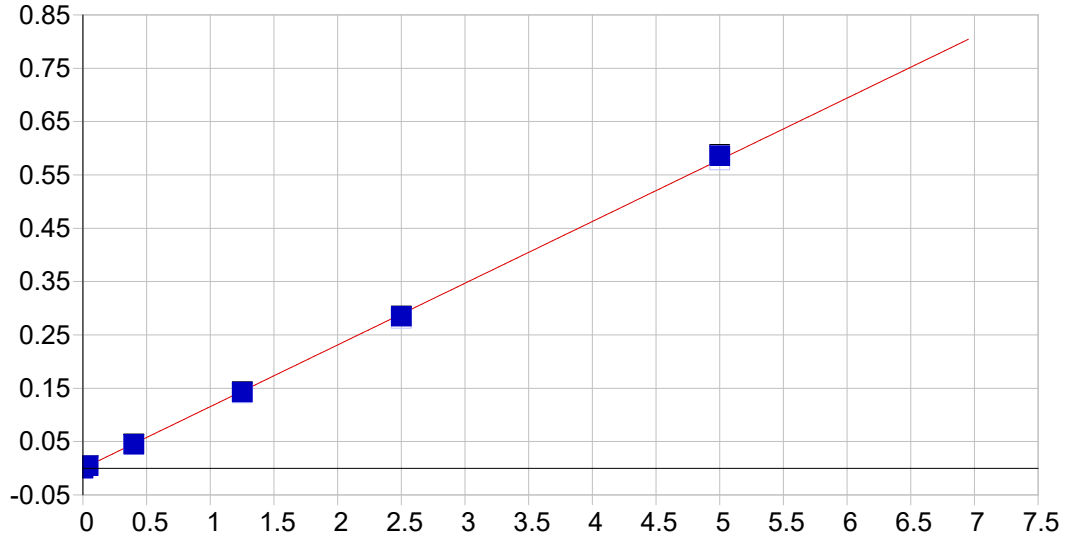

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001303 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.014990 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999338 | Status: | OK. |
| Std Error of Est: | 0.000289 | | |
| Predicted MDL: | 0.018531 | | |
| Predicted MQL: | 0.061769 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00035 | .000 | .000 | .00131 | .000 | 1 |
| S2 | 4.0000 | 3.7690 | -.231 | -5.78 | .05780 | .000 | 1 |
| S3 | 12.500 | 12.085 | -.415 | -3.32 | .18246 | .002 | 1 |
| S4 | 25.000 | 24.157 | -.843 | -3.37 | .36342 | .003 | 1 |
| S5 | 50.000 | 51.654 | 1.65 | 3.31 | .77562 | .003 | 1 |
| S1 | 2.0000 | 1.8354 | -.165 | -8.23 | .02882 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



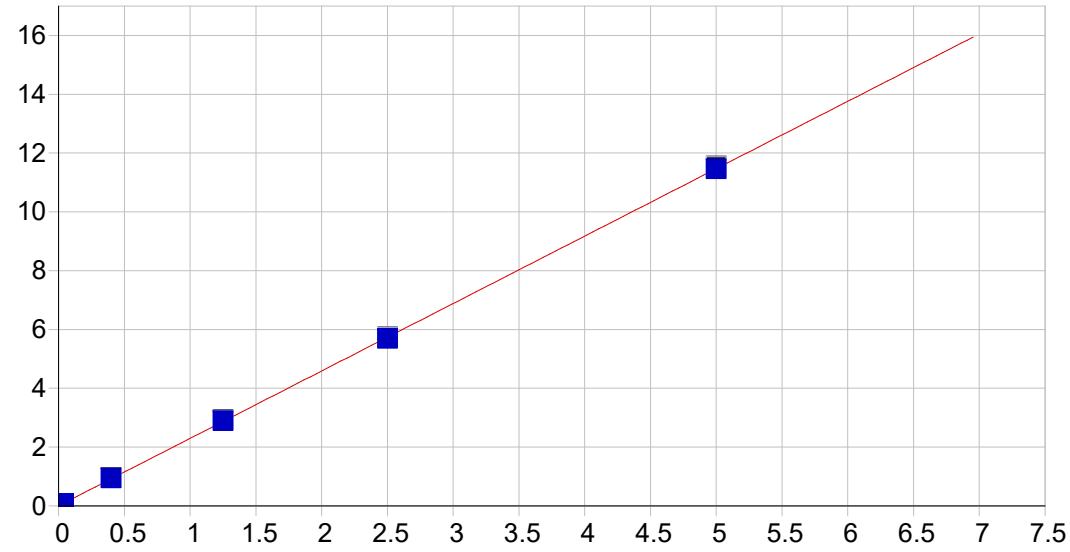

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000033 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.115715 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999888 | Status: | OK. |
| Std Error of Est: | 0.000040 | | |
| Predicted MDL: | 0.001541 | | |
| Predicted MQL: | 0.005135 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00003 | .000 | 1 |
| S1 | .04000 | .04049 | .000 | 1.22 | .00448 | .000 | 1 |
| S3 | 1.2500 | 1.2346 | -.015 | -1.23 | .14072 | .000 | 1 |
| S4 | 2.5000 | 2.4592 | -.041 | -1.63 | .28031 | .001 | 1 |
| S5 | 5.0000 | 5.0661 | .066 | 1.32 | .57775 | .002 | 1 |
| S2 | .40000 | .38965 | -.010 | -2.59 | .04438 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



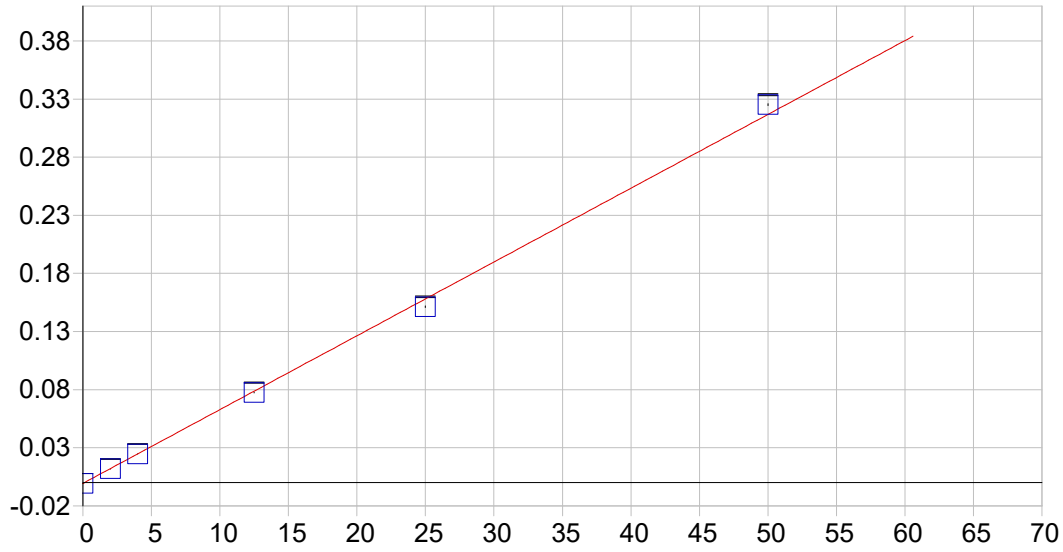

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.003824 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.292966 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999966 | Status: | OK. |
| Std Error of Est: | 0.000446 | | |
| Predicted MDL: | 0.000325 | | |
| Predicted MQL: | 0.001082 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00382 | .001 | 1 |
| S1 | .04000 | .04165 | .002 | 4.13 | .09997 | .001 | 1 |
| S3 | 1.2500 | 1.2628 | .013 | 1.03 | 2.9194 | .012 | 1 |
| S4 | 2.5000 | 2.4793 | -.021 | -.826 | 5.7287 | .015 | 1 |
| S5 | 5.0000 | 4.9960 | -.004 | -.080 | 11.539 | .023 | 1 |
| S2 | .40000 | .41016 | .010 | 2.54 | .95068 | .005 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



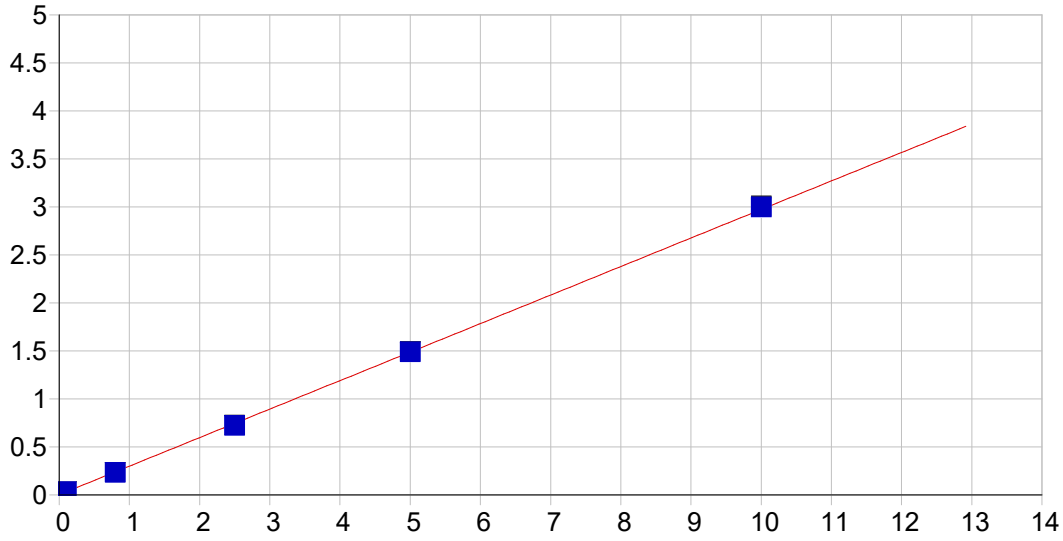

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000615 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.006348 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999555 | Status: | OK. |
| Std Error of Est: | 0.000100 | | |
| Predicted MDL: | 0.029012 | | |
| Predicted MQL: | 0.096706 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00011 | .000 | .000 | -.00061 | .000 | 1 |
| S2 | 4.0000 | 3.9773 | -.023 | -.568 | .02463 | .000 | 1 |
| S3 | 12.500 | 12.308 | -.192 | -1.54 | .07752 | .000 | 1 |
| S4 | 25.000 | 23.939 | -1.06 | -4.24 | .15135 | .001 | 1 |
| S5 | 50.000 | 51.312 | 1.31 | 2.62 | .32511 | .001 | 1 |
| S1 | 2.0000 | 1.9630 | -.037 | -1.85 | .01185 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



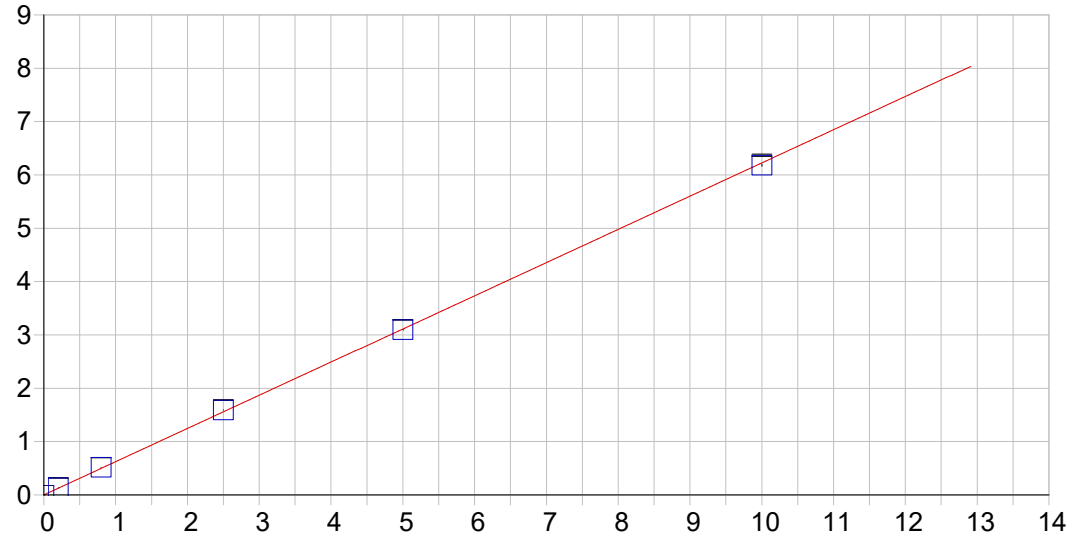

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.002418 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.297055 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999893 | Status: | OK. |
| Std Error of Est: | 0.000227 | | |
| Predicted MDL: | 0.000726 | | |
| Predicted MQL: | 0.002421 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00242 | .000 | 1 |
| S1 | .10000 | .10444 | .004 | 4.44 | .03329 | .000 | 1 |
| S3 | 2.5000 | 2.4229 | -.077 | -3.08 | .71996 | .004 | 1 |
| S4 | 5.0000 | 5.0063 | .006 | .126 | 1.4852 | .005 | 1 |
| S5 | 10.000 | 10.088 | .088 | .876 | 2.9902 | .011 | 1 |
| S2 | .80000 | .77880 | -.021 | -2.65 | .23306 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



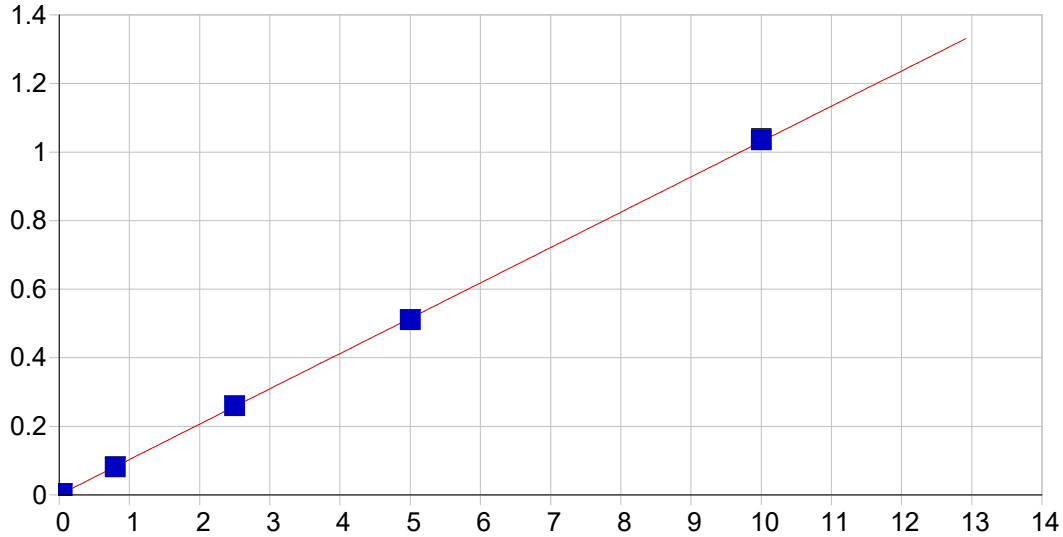

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000156 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.622353 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999916 | Status: | OK. |
| Std Error of Est: | 0.000601 | | |
| Predicted MDL: | 0.000265 | | |
| Predicted MQL: | 0.000882 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00002 | -.000 | .000 | .00015 | .000 | 1 |
| S1 | .20000 | .20899 | .009 | 4.49 | .13022 | .000 | 1 |
| S3 | 2.5000 | 2.5588 | .059 | 2.35 | 1.5926 | .006 | 1 |
| S4 | 5.0000 | 4.9757 | -.024 | -.487 | 3.0968 | .001 | 1 |
| S5 | 10.000 | 9.9321 | -.068 | -.679 | 6.1814 | .022 | 1 |
| S2 | .80000 | .82446 | .024 | 3.06 | .51326 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



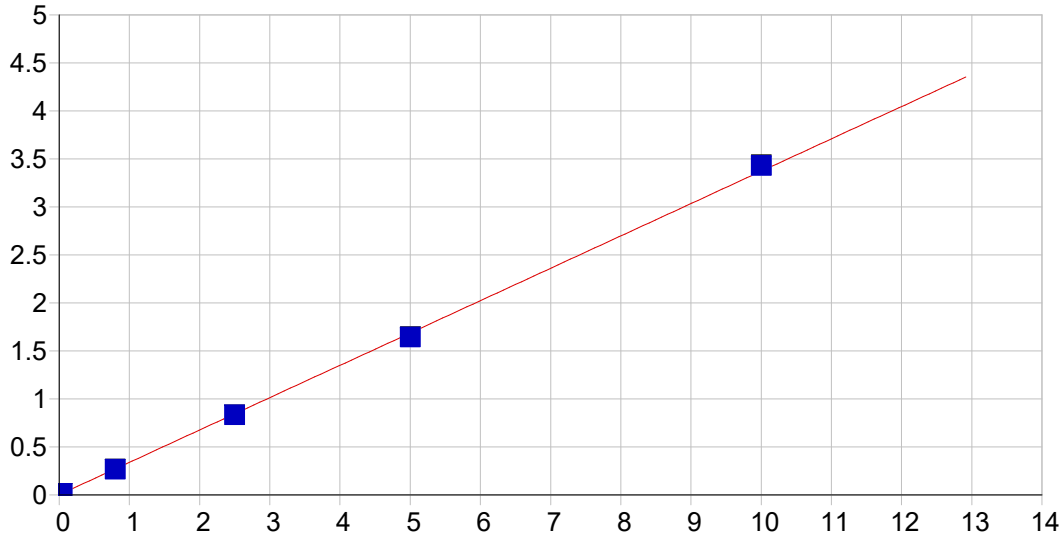

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000189 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.103031 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999972 | Status: | OK. |
| Std Error of Est: | 0.000025 | | |
| Predicted MDL: | 0.000826 | | |
| Predicted MQL: | 0.002755 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00019 | .000 | 1 |
| S1 | .04000 | .03862 | -.001 | -3.45 | .00416 | .000 | 1 |
| S3 | 2.5000 | 2.5170 | .017 | .678 | .25925 | .000 | 1 |
| S4 | 5.0000 | 4.9526 | -.047 | -.949 | .50993 | .001 | 1 |
| S5 | 10.000 | 10.044 | .044 | .445 | 1.0340 | .004 | 1 |
| S2 | .80000 | .78738 | -.013 | -1.58 | .08123 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



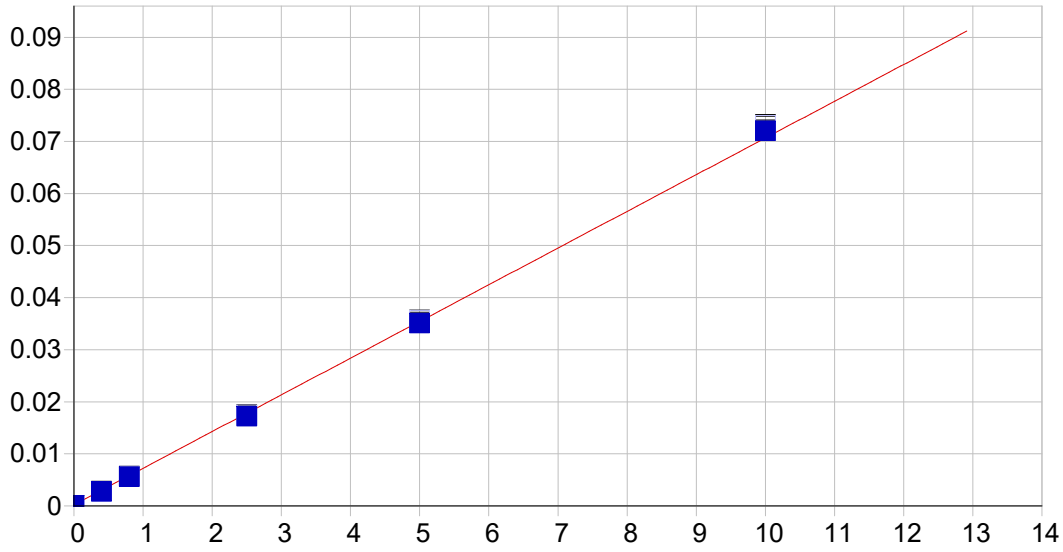

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001962 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.336963 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999803 | Status: | OK. |
| Std Error of Est: | 0.000221 | | |
| Predicted MDL: | 0.000712 | | |
| Predicted MQL: | 0.002375 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00196 | .000 | 1 |
| S1 | .04000 | .04011 | .000 | .274 | .01547 | .000 | 1 |
| S3 | 2.5000 | 2.4641 | -.036 | -1.43 | .83198 | .001 | 1 |
| S4 | 5.0000 | 4.8707 | -.129 | -2.59 | 1.6426 | .005 | 1 |
| S5 | 10.000 | 10.178 | .178 | 1.78 | 3.4302 | .007 | 1 |
| S2 | .80000 | .78753 | -.012 | -1.56 | .26723 | .001 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



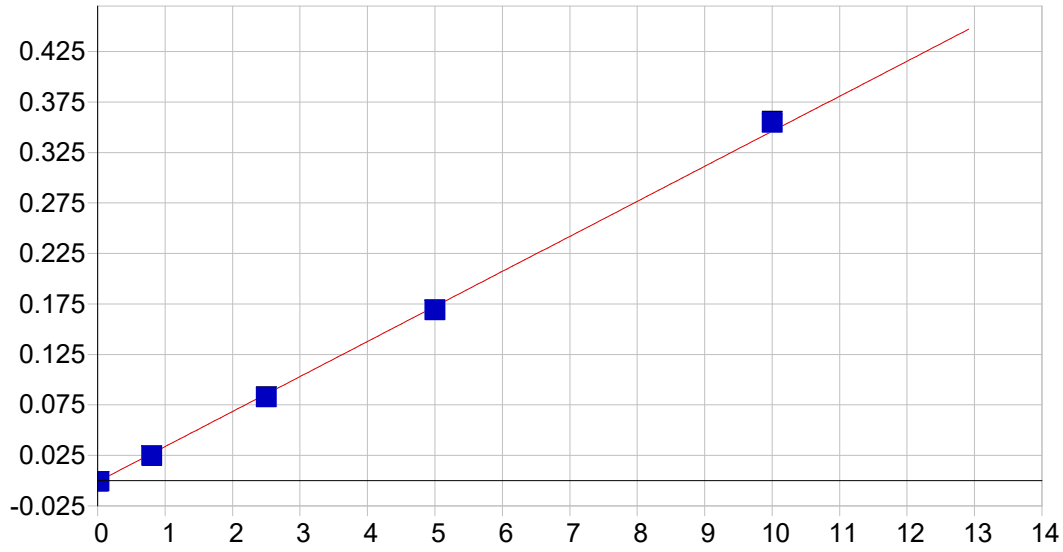

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000189 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.007047 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999708 | Status: | OK. |
| Std Error of Est: | 0.000018 | | |
| Predicted MDL: | 0.005938 | | |
| Predicted MQL: | 0.019795 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00006 | .000 | .000 | .00019 | .000 | 1 |
| S1 | .40000 | .36549 | -.035 | -8.63 | .00277 | .000 | 1 |
| S3 | 2.5000 | 2.4156 | -.084 | -3.37 | .01748 | .000 | 1 |
| S4 | 5.0000 | 4.9570 | -.043 | -.860 | .03565 | .000 | 1 |
| S5 | 10.000 | 10.194 | .194 | 1.94 | .07309 | .000 | 1 |
| S2 | .80000 | .76787 | -.032 | -4.02 | .00569 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



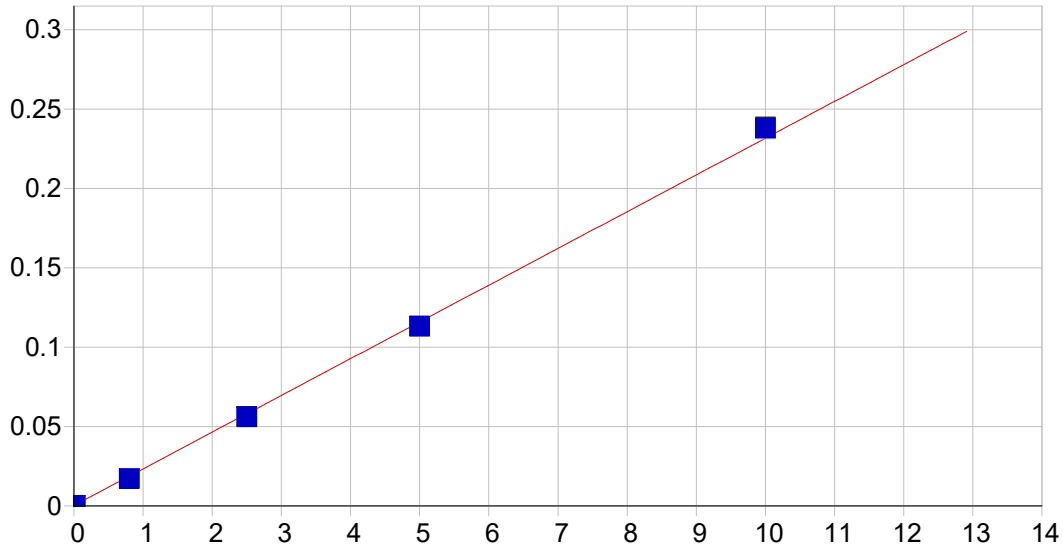

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000989 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.034700 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999547 | Status: | OK. |
| Std Error of Est: | 0.000024 | | |
| Predicted MDL: | 0.002616 | | |
| Predicted MQL: | 0.008720 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00001 | .000 | .000 | -.00099 | .000 | 1 |
| S1 | .02000 | .01557 | -.004 | -22.1 | -.00045 | .000 | 1 |
| S3 | 2.5000 | 2.4166 | -.083 | -3.34 | .08285 | .000 | 1 |
| S4 | 5.0000 | 4.8964 | -.104 | -2.07 | .16889 | .000 | 1 |
| S5 | 10.000 | 10.251 | .251 | 2.51 | .35466 | .001 | 1 |
| S2 | .80000 | .74066 | -.059 | -7.42 | .02471 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



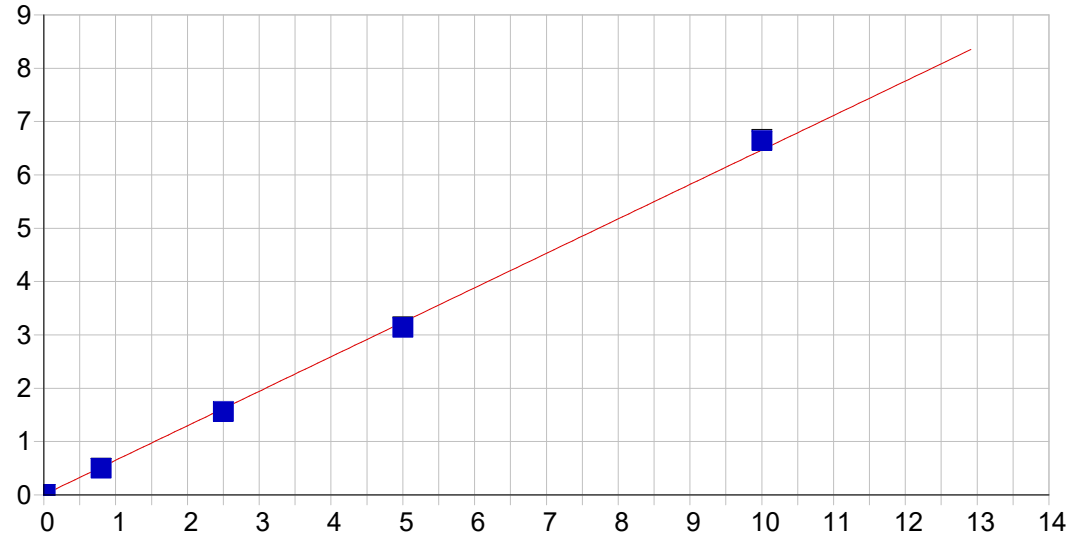

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000174 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.023152 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999489 | Status: | OK. |
| Std Error of Est: | 0.000017 | | |
| Predicted MDL: | 0.003413 | | |
| Predicted MQL: | 0.011376 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00017 | .000 | 1 |
| S1 | .02000 | .01974 | -.000 | -1.30 | .00061 | .000 | 1 |
| S3 | 2.5000 | 2.4158 | -.084 | -3.37 | .05596 | .000 | 1 |
| S4 | 5.0000 | 4.8823 | -.118 | -2.35 | .11291 | .000 | 1 |
| S5 | 10.000 | 10.270 | .270 | 2.70 | .23735 | .001 | 1 |
| S2 | .80000 | .73216 | -.068 | -8.48 | .01708 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



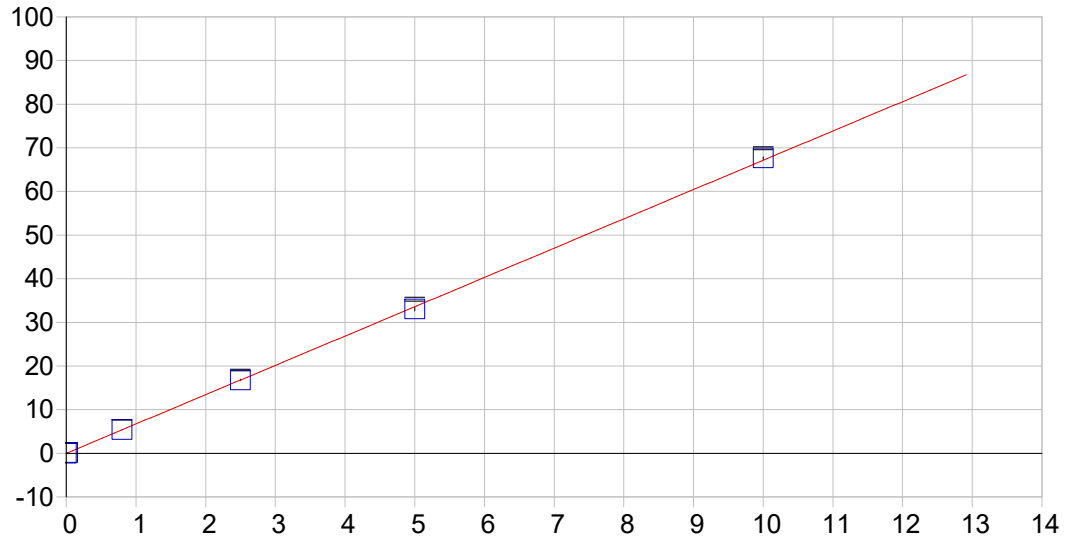

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004319 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.646364 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999554 | Status: | OK. |
| Std Error of Est: | 0.000453 | | |
| Predicted MDL: | 0.001163 | | |
| Predicted MQL: | 0.003876 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00432 | .000 | 1 |
| S5 | 10.000 | 10.271 | .271 | 2.71 | 6.6462 | .021 | 1 |
| S4 | 5.0000 | 4.8515 | -.148 | -2.97 | 3.1418 | .007 | 1 |
| S3 | 2.5000 | 2.4108 | -.089 | -3.57 | 1.5634 | .005 | 1 |
| S1 | .02000 | .02079 | .001 | 3.96 | .01796 | .000 | 1 |
| S2 | .80000 | .76617 | -.034 | -4.23 | .49980 | .000 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



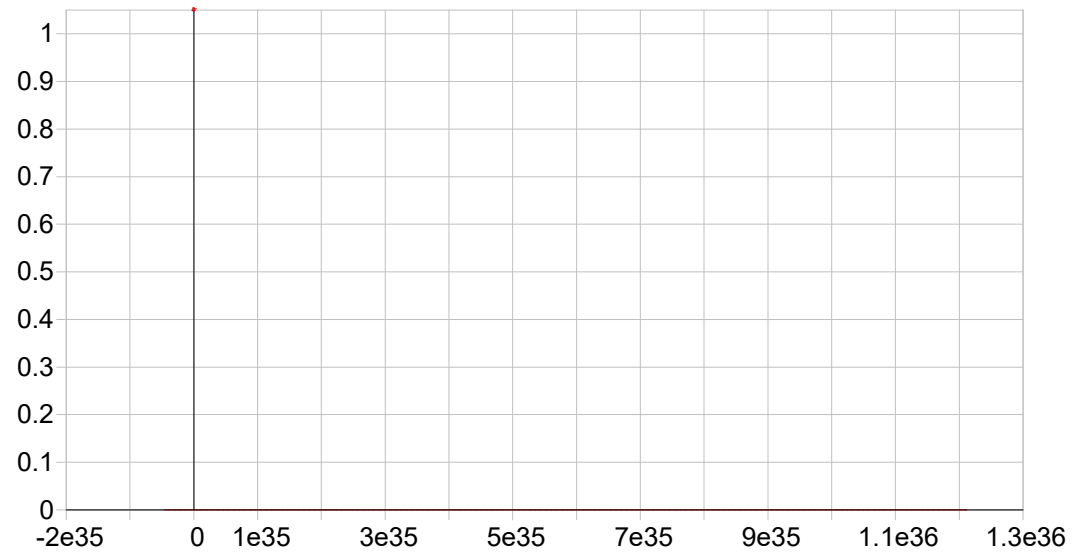

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000259 | Re-Slope: | 1.000000 |
| A1 (Gain): | 6.714714 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999949 | Status: | OK. |
| Std Error of Est: | 0.001584 | | |
| Predicted MDL: | 0.000071 | | |
| Predicted MQL: | 0.000236 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00026 | .000 | 1 |
| S1 | .02000 | .01958 | -.000 | -2.10 | .13173 | .000 | 1 |
| S3 | 2.5000 | 2.5002 | .000 | .009 | 16.789 | .198 | 1 |
| S4 | 5.0000 | 4.9206 | -.079 | -1.59 | 33.040 | .432 | 1 |
| S5 | 10.000 | 10.074 | .074 | .737 | 67.643 | .313 | 1 |
| S2 | .80000 | .80589 | .006 | .736 | 5.4116 | .006 | 1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

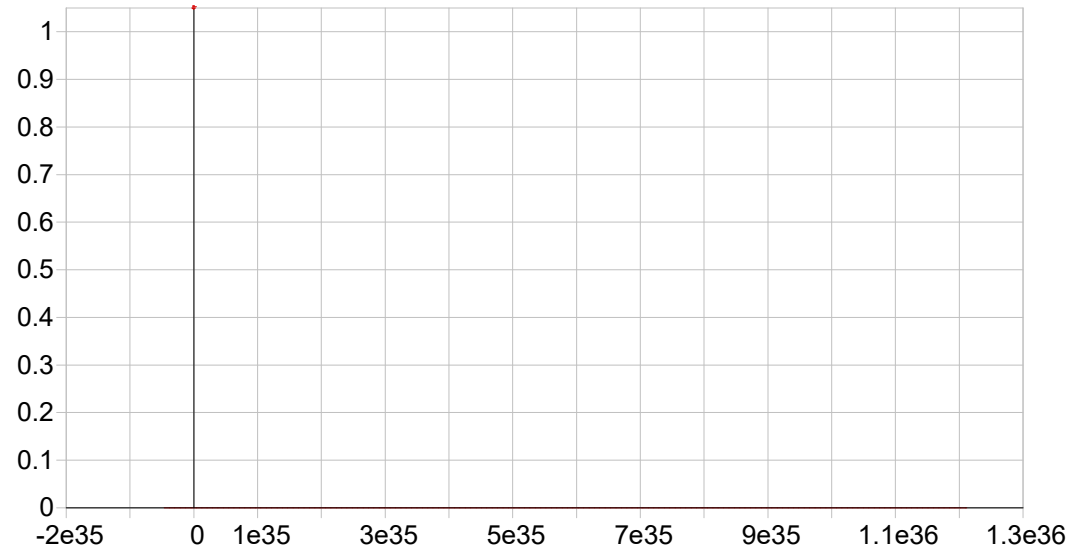



**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 3/13/2025 17:29:47 | 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 |
|---|---|---|---|---|---|---|---|



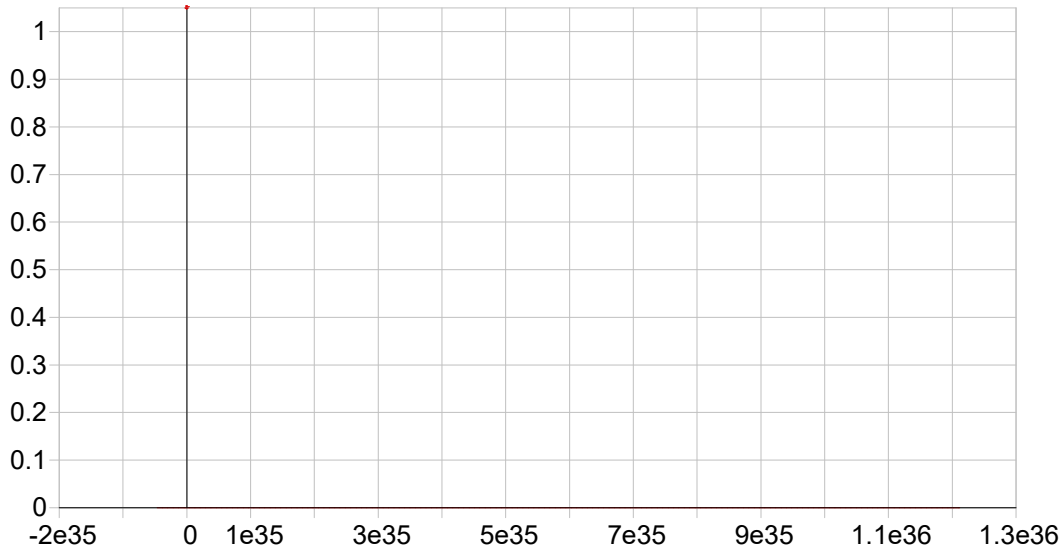

**Y 360.073 { 94}***

| | | | | | |
|---|---|---|---|---|---|
| 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:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

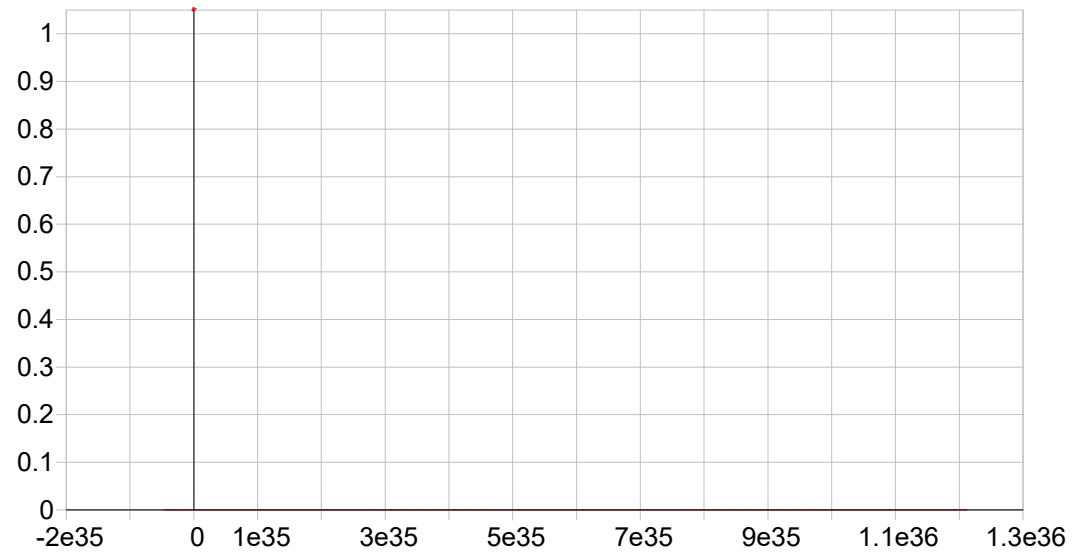
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | n/a | | | | | |
| **Std. Name** | **Stated Conc.** | **Found Conc.** | **Difference** | **% Diff.** | **(S)IR** | **Std Dev** | **Emphasis** |




**Y 371.030 { 91}***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date of Fit: | <not fit> | | Type of Fit: | Linear | Weighting: | 1/Conc | |
| A0 (Offset): | | 0.000000 | | Re-Slope: | 1.000000 | | |
| A1 (Gain): | | 0.000000 | | Y-int: | 0.000000 | | |
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | n/a | | | | | |
| **Std. Name** | **Stated Conc.** | **Found Conc.** | **Difference** | **% Diff.** | **(S)IR** | **Std Dev** | **Emphasis** |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

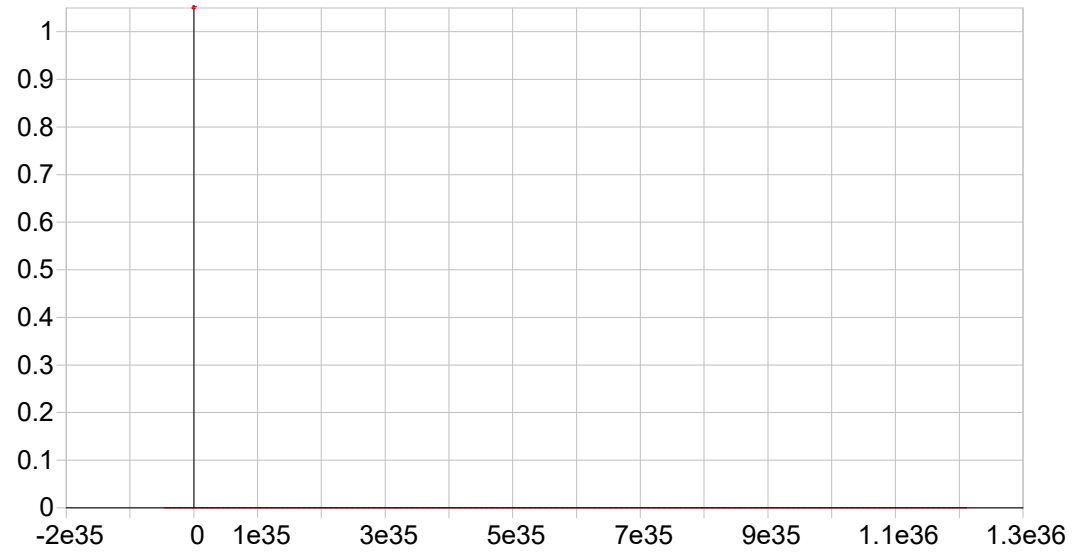



**Y 224.306 {150}***

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

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

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




**In 230.606 {446}***

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

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

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A2 (Curvature): | | 0.000000 | | | | | |
| n (Exponent): | | 1.000000 | | | | | |
| Correlation: | | 0.000000 | | Status: | Warning | Zero Gain | |
| Std Error of Est: | | 0.000000 | | | | | |
| Predicted MDL: | | n/a | | | | | |
| Predicted MQL: | | n/a | | | | | |
| **Std. Name** | **Stated Conc.** | **Found Conc.** | **Difference** | **% Diff.** | **(S)IR** | **Std Dev** | **Emphasis** |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S0 Acquired: 3/13/2025 11:42:00 Type: Cal
Method: NON EPA-6010-200.7(v2804) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | -.00006 | -.00013 | -.00027 | .00020 | .00030 | .00079 | .03214 | .00011 |
| Stddev | .00006 | .00003 | .00020 | .00008 | .00011 | .00028 | .00176 | .00008 |
| %RSD | 101.36 | 23.813 | 72.496 | 42.228 | 36.462 | 35.991 | 5.4909 | 69.853 |
| #1 | -.00013 | -.00010 | -.00005 | .00027 | .00024 | .00047 | .03027 | .00013 |
| #2 | -.00002 | -.00016 | -.00041 | .00011 | .00023 | .00100 | .03237 | .00003 |
| #3 | -.00003 | -.00015 | -.00036 | .00022 | .00042 | .00090 | .03378 | .00018 |

| 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 | -.00011 | .00083 | .00004 | -.00002 | -.00062 | -.00001 | .00026 | -.00010 |
| Stddev | .00004 | .00029 | .00007 | .00006 | .00003 | .00000 | .00018 | .00009 |
| %RSD | 32.306 | 35.453 | 171.17 | 290.13 | 4.1825 | 26.023 | 70.466 | 88.803 |
| #1 | -.00013 | .00052 | .00002 | -.00003 | -.00065 | -.00001 | .00028 | -.00016 |
| #2 | -.00012 | .00086 | .00011 | .00005 | -.00060 | -.00001 | .00042 | -.00014 |
| #3 | -.00007 | .00111 | -.00002 | -.00008 | -.00060 | -.00001 | .00006 | .00000 |

| 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 | -.00018 | -.00137 | .00131 | -.00003 | .00382 | -.00061 | .00242 | .00015 |
| Stddev | .00023 | .00007 | .00009 | .00016 | .00067 | .00013 | .00032 | .00007 |
| %RSD | 129.01 | 5.1895 | 7.0682 | 474.65 | 17.651 | 21.497 | 13.190 | 46.916 |
| #1 | .00009 | -.00144 | .00137 | -.00002 | .00316 | -.00052 | .00207 | .00016 |
| #2 | -.00033 | -.00129 | .00135 | .00012 | .00379 | -.00077 | .00270 | .00007 |
| #3 | -.00029 | -.00137 | .00120 | -.00020 | .00451 | -.00055 | .00248 | .00021 |

| 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 | .00019 | .00196 | .00019 | -.00099 | .00017 | .00432 | .00026 |
| Stddev | .00002 | .00015 | .00002 | .00005 | .00004 | .00041 | .00038 |
| %RSD | 12.144 | 7.4615 | 12.275 | 5.4164 | 22.364 | 9.3894 | 146.10 |
| #1 | .00016 | .00199 | .00016 | -.00103 | .00014 | .00426 | -.00017 |
| #2 | .00020 | .00180 | .00021 | -.00100 | .00017 | .00475 | .00040 |
| #3 | .00020 | .00209 | .00020 | -.00093 | .00022 | .00394 | .00056 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S0 Acquired: 3/13/2025 11:42:00 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3549.9 | 79658. | 15653. | 2291.3 | 5169.2 |
| Stddev | 5.9 | 143. | 49. | 5.6 | 11.7 |
| %RSD | .16723 | .17965 | .31287 | .24344 | .22550 |
| | | | | | |
| #1 | 3549.2 | 79587. | 15611. | 2288.2 | 5164.1 |
| #2 | 3556.1 | 79565. | 15642. | 2297.8 | 5182.6 |
| #3 | 3544.3 | 79823. | 15707. | 2288.0 | 5161.1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S1 Acquired: 3/13/2025 11:46:26 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | .00090 | .00242 | .00197 | .00130 | .00671 | .01022 | .21484 | .02109 |
| Stddev | .00005 | .00007 | .00024 | .00014 | .00010 | .00031 | .00117 | .00003 |
| %RSD | 5.0644 | 3.0068 | 11.949 | 10.513 | 1.5281 | 3.0314 | .54484 | .15691 |
| #1 | .00086 | .00251 | .00173 | .00145 | .00668 | .01047 | .21568 | .02111 |
| #2 | .00095 | .00238 | .00197 | .00119 | .00663 | .01031 | .21351 | .02111 |
| #3 | .00089 | .00238 | .00220 | .00127 | .00683 | .00987 | .21535 | .02105 |

| 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 | .01333 | .09841 | .00141 | .02464 | .01357 | .00044 | .00828 | .02301 |
| Stddev | .00020 | .00062 | .00006 | .00010 | .00019 | .00000 | .00009 | .00007 |
| %RSD | 1.4789 | .63150 | 4.3211 | .42048 | 1.3636 | .70927 | 1.1297 | .30727 |
| #1 | .01311 | .09880 | .00147 | .02459 | .01358 | .00044 | .00830 | .02296 |
| #2 | .01349 | .09770 | .00141 | .02476 | .01376 | .00044 | .00818 | .02298 |
| #3 | .01340 | .09874 | .00135 | .02457 | .01339 | .00044 | .00836 | .02309 |

| 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 | .02240 | .00119 | .02882 | .00448 | .09997 | .01185 | .03329 | .13022 |
| Stddev | .00013 | .00004 | .00008 | .00013 | .00083 | .00014 | .00024 | .00014 |
| %RSD | .59658 | 3.6717 | .28205 | 2.8389 | .83026 | 1.1576 | .70750 | .10941 |
| #1 | .02224 | .00116 | .02880 | .00443 | .09904 | .01169 | .03341 | .13027 |
| #2 | .02248 | .00118 | .02874 | .00438 | .10065 | .01191 | .03302 | .13033 |
| #3 | .02247 | .00124 | .02890 | .00462 | .10022 | .01194 | .03343 | .13006 |

| 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 | .00416 | .01547 | .00277 | -.00045 | .00061 | .01796 | .13173 |
| Stddev | .00002 | .00021 | .00003 | .00008 | .00005 | .00046 | .00028 |
| %RSD | .58001 | 1.3631 | 1.0032 | 17.986 | 7.3985 | 2.5644 | .21073 |
| #1 | .00418 | .01525 | .00278 | -.00054 | .00064 | .01825 | .13142 |
| #2 | .00414 | .01548 | .00279 | -.00043 | .00056 | .01821 | .13182 |
| #3 | .00418 | .01567 | .00274 | -.00038 | .00064 | .01743 | .13196 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S1 Acquired: 3/13/2025 11:46:26 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3551.3 | 78331. | 15495. | 2273.9 | 5106.8 |
| Stddev | 5.1 | 92. | 72. | 13.3 | 3.2 |
| %RSD | .14413 | .11694 | .46164 | .58328 | .06207 |
| | | | | | |
| #1 | 3545.4 | 78264. | 15448. | 2289.2 | 5103.2 |
| #2 | 3554.0 | 78436. | 15578. | 2267.2 | 5109.4 |
| #3 | 3554.6 | 78294. | 15460. | 2265.3 | 5107.7 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S2 Acquired: 3/13/2025 11:50:48 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | .03660 | .05034 | .15001 | .04077 | .09764 | .14756 | 3.0632 | .13576 |
| Stddev | .00006 | .00027 | .00046 | .00026 | .00042 | .00062 | .0033 | .00009 |
| %RSD | .16657 | .53671 | .30829 | .64484 | .42508 | .42241 | .10877 | .06536 |
| #1 | .03662 | .05027 | .14959 | .04061 | .09730 | .14685 | 3.0614 | .13577 |
| #2 | .03665 | .05063 | .14994 | .04063 | .09752 | .14800 | 3.0670 | .13567 |
| #3 | .03653 | .05011 | .15051 | .04107 | .09810 | .14784 | 3.0611 | .13584 |

| 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 | .89308 | .19230 | .02186 | .32847 | .12888 | .00367 | .16129 | .04163 |
| Stddev | .00175 | .00079 | .00002 | .00065 | .00051 | .00002 | .00035 | .00016 |
| %RSD | .19624 | .40901 | .10157 | .19726 | .39805 | .56129 | .21868 | .37248 |
| #1 | .89175 | .19321 | .02183 | .32794 | .12849 | .00365 | .16088 | .04180 |
| #2 | .89242 | .19187 | .02186 | .32828 | .12868 | .00367 | .16144 | .04150 |
| #3 | .89506 | .19181 | .02188 | .32920 | .12946 | .00369 | .16154 | .04159 |

| 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 | .22559 | .04776 | .05780 | .04438 | .95068 | .02463 | .23306 | .51326 |
| Stddev | .00023 | .00022 | .00020 | .00016 | .00537 | .00014 | .00023 | .00085 |
| %RSD | .10208 | .46717 | .34469 | .36241 | .56502 | .57526 | .09929 | .16658 |
| #1 | .22539 | .04769 | .05776 | .04430 | .95503 | .02479 | .23321 | .51228 |
| #2 | .22554 | .04801 | .05802 | .04428 | .94467 | .02451 | .23280 | .51379 |
| #3 | .22584 | .04758 | .05763 | .04457 | .95234 | .02460 | .23319 | .51373 |

| 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 | .08123 | .26723 | .00569 | .02471 | .01708 | .49980 | 5.4116 |
| Stddev | .00042 | .00064 | .00002 | .00006 | .00016 | .00017 | .0059 |
| %RSD | .51211 | .23969 | .27903 | .22942 | .94982 | .03331 | .10916 |
| #1 | .08075 | .26713 | .00570 | .02467 | .01690 | .49998 | 5.4076 |
| #2 | .08142 | .26665 | .00568 | .02468 | .01711 | .49966 | 5.4184 |
| #3 | .08152 | .26792 | .00568 | .02477 | .01722 | .49977 | 5.4087 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S2 Acquired: 3/13/2025 11:50:48 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3537.3 | 78521. | 16074. | 2257.7 | 4992.7 |
| Stddev | 4.6 | 161. | 44. | 15.3 | 7.4 |
| %RSD | .12937 | .20539 | .27248 | .67696 | .14880 |
| | | | | | |
| #1 | 3539.7 | 78364. | 16034. | 2242.3 | 4995.4 |
| #2 | 3540.2 | 78687. | 16121. | 2272.9 | 4998.5 |
| #3 | 3532.0 | 78511. | 16066. | 2258.0 | 4984.3 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S3 Acquired: 3/13/2025 11:54:53 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | .11628 | .15821 | .47445 | .12885 | .30681 | .46237 | 9.4976 | .42370 |
| Stddev | .00026 | .00050 | .00139 | .00063 | .00099 | .00026 | .0868 | .00150 |
| %RSD | .22754 | .31732 | .29319 | .49265 | .32155 | .05635 | .91409 | .35436 |
| #1 | .11604 | .15821 | .47304 | .12820 | .30570 | .46230 | 9.5136 | .42423 |
| #2 | .11624 | .15872 | .47448 | .12888 | .30714 | .46266 | 9.5753 | .42486 |
| #3 | .11656 | .15772 | .47582 | .12947 | .30758 | .46216 | 9.4039 | .42200 |

| 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 | 2.8385 | .60057 | .06813 | 1.0395 | .40029 | .01119 | .50364 | .13085 |
| Stddev | .0055 | .00172 | .00011 | .0016 | .00097 | .00005 | .00154 | .00113 |
| %RSD | .19460 | .28567 | .16642 | .15312 | .24107 | .46152 | .30522 | .86387 |
| #1 | 2.8357 | .59944 | .06812 | 1.0381 | .39942 | .01123 | .50521 | .13133 |
| #2 | 2.8349 | .60255 | .06825 | 1.0391 | .40012 | .01122 | .50356 | .13166 |
| #3 | 2.8448 | .59974 | .06802 | 1.0412 | .40133 | .01113 | .50214 | .12955 |

| 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 | .71211 | .14820 | .18246 | .14072 | 2.9194 | .07752 | .71996 | 1.5926 |
| Stddev | .00187 | .00030 | .00232 | .00034 | .0121 | .00036 | .00403 | .0056 |
| %RSD | .26300 | .20412 | 1.2697 | .23890 | .41410 | .45960 | .55955 | .34945 |
| #1 | .71100 | .14825 | .18435 | .14077 | 2.9218 | .07768 | .71704 | 1.5885 |
| #2 | .71106 | .14847 | .17987 | .14102 | 2.9301 | .07711 | .72455 | 1.5904 |
| #3 | .71428 | .14787 | .18315 | .14036 | 2.9063 | .07776 | .71828 | 1.5989 |

| 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 | .25925 | .83198 | .01748 | .08285 | .05596 | 1.5634 | 16.789 |
| Stddev | .00035 | .00142 | .00007 | .00007 | .00010 | .0053 | .198 |
| %RSD | .13416 | .17039 | .38052 | .08312 | .17345 | .33979 | 1.1787 |
| #1 | .25941 | .83357 | .01754 | .08279 | .05607 | 1.5689 | 16.940 |
| #2 | .25885 | .83087 | .01741 | .08284 | .05590 | 1.5583 | 16.861 |
| #3 | .25949 | .83149 | .01748 | .08293 | .05590 | 1.5630 | 16.565 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S3 Acquired: 3/13/2025 11:54:53 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3460.2 | 78160. | 15867. | 2230.2 | 4760.0 |
| Stddev | 9.1 | 158. | 60. | 6.1 | 9.5 |
| %RSD | .26353 | .20258 | .38043 | .27150 | .20026 |
| | | | | | |
| #1 | 3461.2 | 77979. | 15853. | 2223.2 | 4757.7 |
| #2 | 3468.8 | 78227. | 15815. | 2233.8 | 4770.5 |
| #3 | 3450.6 | 78274. | 15933. | 2233.6 | 4751.9 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S4 Acquired: 3/13/2025 11:59:06 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | .23679 | .31532 | .95284 | .25320 | .59820 | .92525 | 18.690 | .87033 |
| Stddev | .00028 | .00134 | .00093 | .00036 | .00052 | .00156 | .185 | .00238 |
| %RSD | .11947 | .42363 | .09742 | .14175 | .08627 | .16891 | .98718 | .27355 |
| #1 | .23650 | .31679 | .95386 | .25341 | .59788 | .92576 | 18.898 | .86884 |
| #2 | .23707 | .31500 | .95259 | .25278 | .59793 | .92649 | 18.548 | .87308 |
| #3 | .23681 | .31418 | .95206 | .25340 | .59880 | .92349 | 18.623 | .86908 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 5.6831 | 1.1870 | .13344 | 2.0660 | .77894 | .02174 | .99770 | .26321 |
| Stddev | .0104 | .0024 | .00037 | .0017 | .00069 | .00008 | .00467 | .00017 |
| %RSD | .18368 | .20381 | .27925 | .08313 | .08921 | .38597 | .46784 | .06328 |
| #1 | 5.6949 | 1.1882 | .13385 | 2.0670 | .77851 | .02184 | 1.0001 | .26336 |
| #2 | 5.6751 | 1.1886 | .13311 | 2.0640 | .77857 | .02169 | 1.0007 | .26324 |
| #3 | 5.6792 | 1.1842 | .13336 | 2.0669 | .77974 | .02170 | .99232 | .26303 |

| 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 | 1.4127 | .29572 | .36342 | .28031 | 5.7287 | .15135 | 1.4852 | 3.0968 |
| Stddev | .0008 | .00060 | .00256 | .00106 | .0154 | .00059 | .0048 | .0010 |
| %RSD | .05871 | .20174 | .70470 | .37920 | .26932 | .39121 | .32587 | .03121 |
| #1 | 1.4135 | .29568 | .36570 | .28098 | 5.7112 | .15149 | 1.4851 | 3.0977 |
| #2 | 1.4118 | .29515 | .36065 | .28087 | 5.7348 | .15070 | 1.4901 | 3.0958 |
| #3 | 1.4127 | .29634 | .36391 | .27909 | 5.7402 | .15186 | 1.4804 | 3.0968 |

| 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 | .50993 | 1.6426 | .03565 | .16889 | .11291 | 3.1418 | 33.040 |
| Stddev | .00111 | .0050 | .00005 | .00039 | .00014 | .0071 | .432 |
| %RSD | .21761 | .30485 | .13823 | .23272 | .12022 | .22563 | 1.3066 |
| #1 | .51113 | 1.6450 | .03569 | .16935 | .11289 | 3.1484 | 32.891 |
| #2 | .50970 | 1.6459 | .03567 | .16867 | .11278 | 3.1426 | 33.527 |
| #3 | .50895 | 1.6368 | .03560 | .16866 | .11305 | 3.1343 | 32.703 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S4 Acquired: 3/13/2025 11:59:06 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3438.1 | 76550. | 15063. | 2202.3 | 4619.0 |
| Stddev | 1.7 | 27. | 65. | 6.7 | 2.5 |
| %RSD | .05080 | .03487 | .43165 | .30285 | .05365 |
| | | | | | |
| #1 | 3440.0 | 76531. | 15062. | 2208.6 | 4616.5 |
| #2 | 3437.5 | 76581. | 14999. | 2195.3 | 4621.5 |
| #3 | 3436.7 | 76539. | 15129. | 2202.9 | 4619.1 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S5 Acquired: 3/13/2025 12:03:18 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | .47043 | .62312 | 1.9097 | .50576 | 1.2076 | 1.9053 | 39.358 | 1.7562 |
| Stddev | .00206 | .00472 | .0073 | .00190 | .0040 | .0029 | .650 | .0094 |
| %RSD | .43741 | .75742 | .38461 | .37588 | .33408 | .14975 | 1.6512 | .53413 |
| #1 | .47020 | .62846 | 1.9081 | .50622 | 1.2058 | 1.9060 | 39.643 | 1.7571 |
| #2 | .46850 | .61952 | 1.9033 | .50367 | 1.2048 | 1.9077 | 39.816 | 1.7651 |
| #3 | .47260 | .62139 | 1.9177 | .50738 | 1.2122 | 1.9021 | 38.614 | 1.7464 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 11.568 | 2.4584 | .26394 | 4.2228 | 1.5450 | .04528 | 2.0660 | .54707 |
| Stddev | .041 | .0057 | .00030 | .0141 | .0066 | .00022 | .0095 | .00163 |
| %RSD | .35736 | .23159 | .11281 | .33421 | .42743 | .49391 | .46053 | .29842 |
| #1 | 11.549 | 2.4584 | .26373 | 4.2153 | 1.5422 | .04528 | 2.0643 | .54827 |
| #2 | 11.540 | 2.4641 | .26428 | 4.2140 | 1.5403 | .04551 | 2.0763 | .54774 |
| #3 | 11.615 | 2.4527 | .26382 | 4.2391 | 1.5525 | .04506 | 2.0575 | .54521 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2.8701 | .60225 | .77562 | .57775 | 11.539 | .32511 | 2.9902 | 6.1814 |
| Stddev | .0095 | .00161 | .00290 | .00203 | .023 | .00080 | .0114 | .0223 |
| %RSD | .32972 | .26790 | .37357 | .35202 | .19975 | .24709 | .38226 | .36162 |
| #1 | 2.8634 | .60138 | .77726 | .57918 | 11.529 | .32581 | 2.9882 | 6.1771 |
| #2 | 2.8659 | .60411 | .77732 | .57865 | 11.523 | .32530 | 3.0025 | 6.1615 |
| #3 | 2.8809 | .60125 | .77227 | .57542 | 11.566 | .32423 | 2.9799 | 6.2056 |

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1.0340 | 3.4302 | .07309 | .35466 | .23735 | 6.6462 | 67.643 |
| Stddev | .0036 | .0068 | .00016 | .00112 | .00080 | .0207 | .313 |
| %RSD | .34391 | .19918 | .22210 | .31601 | .33746 | .31099 | .46226 |
| #1 | 1.0343 | 3.4304 | .07307 | .35426 | .23772 | 6.6449 | 67.845 |
| #2 | 1.0303 | 3.4369 | .07294 | .35379 | .23643 | 6.6674 | 67.800 |
| #3 | 1.0374 | 3.4232 | .07326 | .35593 | .23789 | 6.6262 | 67.282 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S5 Acquired: 3/13/2025 12:03:18 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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 | 3336.7 | 74580. | 14829. | 2146.7 | 4361.5 |
| Stddev | 11.9 | 138. | 38. | 4.2 | 12.1 |
| %RSD | .35607 | .18569 | .25456 | .19433 | .27785 |
| | | | | | |
| #1 | 3345.7 | 74456. | 14832. | 2143.9 | 4372.4 |
| #2 | 3341.2 | 74556. | 14790. | 2151.5 | 4363.7 |
| #3 | 3323.2 | 74729. | 14865. | 2144.8 | 4348.4 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICV01 Acquired: 3/13/2025 12:07:29 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.023319 | 1.052094 | 1.001120 | 1.044511 | 1.015793 | 2.507610 | .5329574 |
| Stddev | .004018 | .006402 | .000878 | .005339 | .003001 | .004977 | .0025129 |
| %RSD | .3926613 | .6085450 | .0877064 | .5111775 | .2954273 | .1984933 | .4715047 |
| #1 | 1.018768 | 1.045256 | 1.001411 | 1.042022 | 1.014656 | 2.504538 | .5307364 |
| #2 | 1.026377 | 1.053078 | 1.000134 | 1.040871 | 1.013526 | 2.513353 | .5324509 |
| #3 | 1.024811 | 1.057947 | 1.001816 | 1.050641 | 1.019196 | 2.504940 | .5356851 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5364067 | .5027774 | 9.869264 | .5252467 | .5102300 | .5292622 | 9.861429 |
| Stddev | .0024429 | .0009015 | .038361 | .0020061 | .0017139 | .0008468 | .080696 |
| %RSD | .4554235 | .1793134 | .3886887 | .3819296 | .3359034 | .1599883 | .8183029 |
| #1 | .5345120 | .5027253 | 9.826077 | .5229693 | .5091791 | .5290191 | 9.847845 |
| #2 | .5391639 | .5019030 | 9.899385 | .5260191 | .5093030 | .5285635 | 9.788386 |
| #3 | .5355442 | .5037038 | 9.882331 | .5267518 | .5122077 | .5302039 | 9.948055 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5415575 | 6.274207 | .5454800 | .2522255 | 10.18936 | .5183829 | 1.015069 |
| Stddev | .0044512 | .034938 | .0007003 | .0004928 | .10033 | .0015395 | .004345 |
| %RSD | .8219249 | .5568493 | .1283813 | .1953664 | .9846097 | .2969825 | .4280379 |
| #1 | .5376438 | 6.241979 | .5450443 | .2519366 | 10.17582 | .5197048 | 1.013295 |
| #2 | .5406289 | 6.311337 | .5451079 | .2519454 | 10.09649 | .5187512 | 1.011892 |
| #3 | .5463997 | 6.269305 | .5462878 | .2527945 | 10.29576 | .5166926 | 1.020020 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.14291 | 2.696643 | 2.396587 | 2.436881 | 2.446002 | 2.492802 | 2.550578 |
| Stddev | .07966 | .012970 | .004715 | .004191 | .009222 | .015458 | .005394 |
| %RSD | .7853317 | .4809520 | .1967243 | .1719643 | .3770349 | .6200931 | .2114913 |
| #1 | 10.13796 | 2.686208 | 2.393245 | 2.432842 | 2.439754 | 2.504716 | 2.546482 |
| #2 | 10.06585 | 2.711163 | 2.394537 | 2.436592 | 2.441659 | 2.475335 | 2.548562 |
| #3 | 10.22493 | 2.692559 | 2.401980 | 2.441208 | 2.456595 | 2.498355 | 2.556690 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICV01 Acquired: 3/13/2025 12:07:29 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 2.475240 | 2.545217 | 2.544442 |
| Stddev | .013193 | .014263 | .021560 |
| %RSD | .5329980 | .5603741 | .8473313 |
| #1 | 2.465872 | 2.540983 | 2.559040 |
| #2 | 2.469520 | 2.533549 | 2.554608 |
| #3 | 2.490328 | 2.561117 | 2.519679 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3494.428 | 79269.35 | 16100.95 | 2257.771 | 4859.966 |
| Stddev | 11.432 | 107.09 | 64.06 | 14.089 | 15.032 |
| %RSD | .3271619 | .1350941 | .3978719 | .6240250 | .3092956 |
| #1 | 3501.051 | 79259.40 | 16154.01 | 2265.356 | 4870.125 |
| #2 | 3501.006 | 79381.07 | 16029.78 | 2266.442 | 4867.075 |
| #3 | 3481.227 | 79167.59 | 16119.05 | 2241.514 | 4842.699 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LLICV01 Acquired: 3/13/2025 12:13:04 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0172596 | .0421056 | .0126067 | .0192262 | .0542969 | .0985612 |
| Stddev | .0021532 | .0014164 | .0009774 | .0023553 | .0004698 | .0028567 |
| %RSD | 12.47529 | 3.363848 | 7.753288 | 12.25065 | .8651495 | 2.898435 |
| #1 | .0177924 | .0405700 | .0134722 | .0189478 | .0542033 | .1008285 |
| #2 | .0190964 | .0433608 | .0115466 | .0217083 | .0538810 | .0995024 |
| #3 | .0148901 | .0423860 | .0128013 | .0170223 | .0548064 | .0953526 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0922136 | .0061511 | .0059476 | 1.971992 | .0100806 | .0297386 |
| Stddev | .0031802 | .0000778 | .0000172 | .005510 | .0000608 | .0000835 |
| %RSD | 3.448772 | 1.265271 | .2886948 | .2794300 | .6031870 | .2808128 |
| #1 | .0958675 | .0062329 | .0059378 | 1.975128 | .0101009 | .0296835 |
| #2 | .0907041 | .0061423 | .0059674 | 1.965630 | .0101287 | .0296977 |
| #3 | .0900693 | .0060780 | .0059375 | 1.975219 | .0100123 | .0298347 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0227367 | .1009157 | .0196450 | 2.096364 | .0396712 | .0106344 |
| Stddev | .0000976 | .0027397 | .0002434 | .011569 | .0001238 | .0002441 |
| %RSD | .4290747 | 2.714793 | 1.238821 | .5518669 | .3121577 | 2.295091 |
| #1 | .0227247 | .1008352 | .0199259 | 2.083227 | .0398133 | .0104430 |
| #2 | .0228397 | .0982172 | .0195094 | 2.105031 | .0395865 | .0109092 |
| #3 | .0226457 | .1036947 | .0194996 | 2.100835 | .0396138 | .0105508 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.740375 | .0392525 | .0413438 | 1.847967 | .1174394 | .2101818 |
| Stddev | .011571 | .0012542 | .0005091 | .008042 | .0013122 | .0005881 |
| %RSD | .6648488 | 3.195228 | 1.231411 | .4352054 | 1.117333 | .2798081 |
| #1 | 1.733409 | .0403237 | .0415255 | 1.853820 | .1184029 | .2095075 |
| #2 | 1.753731 | .0395609 | .0417372 | 1.838796 | .1179704 | .2104497 |
| #3 | 1.733983 | .0378729 | .0407688 | 1.851285 | .1159449 | .2105883 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LLICV01 Acquired: 3/13/2025 12:13:04 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0389652 | .0396029 | .3536584 | F .0152969 | .0197096 | .0194271 |
| Stddev | .0006797 | .0006561 | .0037506 | .0002645 | .0004861 | .0001142 |
| %RSD | 1.744489 | 1.656714 | 1.060509 | 1.728855 | 2.466358 | .5876699 |
| #1 | .0396652 | .0399245 | .3525044 | .0150709 | .0191625 | .0195502 |
| #2 | .0383077 | .0400361 | .3506204 | .0152320 | .0200919 | .0194066 |
| #3 | .0389228 | .0388480 | .3578503 | .0155877 | .0198743 | .0193247 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0197111 |
| Stddev | .0011097 |
| %RSD | 5.630027 |
| #1 | .0209926 |
| #2 | .0190712 |
| #3 | .0190697 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3521.223 | 79681.09 | 15157.86 | 2274.726 | 5064.013 |
| Stddev | 11.137 | 204.30 | 97.52 | 7.703 | 11.334 |
| %RSD | .3162823 | .2564017 | .6433576 | .3386518 | .2238159 |
| #1 | 3531.130 | 79445.52 | 15066.39 | 2268.786 | 5074.449 |
| #2 | 3523.369 | 79787.88 | 15146.70 | 2271.961 | 5065.635 |
| #3 | 3509.168 | 79809.86 | 15260.47 | 2283.430 | 5051.956 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICB01 Acquired: 3/13/2025 12:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.002229 | .0014001 | -.000087 | .0023069 | .0009129 | -.015462 | .0027191 |
| Stddev | .001030 | .0006760 | .000277 | .0015516 | .0019763 | .000567 | .0006563 |
| %RSD | 46.22196 | 48.28733 | 317.5144 | 67.25828 | 216.4989 | 3.666943 | 24.13578 |
| #1 | -.003418 | .0020249 | .000116 | .0025256 | -.001284 | -.015767 | .0034501 |
| #2 | -.001678 | .0014929 | .000025 | .0037374 | .002547 | -.015811 | .0025266 |
| #3 | -.001592 | .0006824 | -.000402 | .0006575 | .001476 | -.014808 | .0021807 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000112 | -.000026 | -.004653 | -.000048 | .0000323 | -.000172 | .0022416 |
| Stddev | .0000302 | .000093 | .009998 | .000649 | .0001114 | .000062 | .0027950 |
| %RSD | 268.9461 | 356.4676 | 214.8816 | 1356.466 | 344.8556 | 35.84461 | 124.6865 |
| #1 | -.000011 | .000080 | .005628 | -.000166 | -.000088 | -.000198 | .0054509 |
| #2 | .000046 | -.000062 | -.014341 | .000652 | .000054 | -.000102 | .0009328 |
| #3 | -.000001 | -.000097 | -.005246 | -.000630 | .000131 | -.000216 | .0003412 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000579 | .0022769 | .0000886 | .0002191 | .0190586 | .0002395 | -.000984 |
| Stddev | .000060 | .0046970 | .0003792 | .0002227 | .0087512 | .0002402 | .000270 |
| %RSD | 10.39624 | 206.2914 | 428.0715 | 101.6075 | 45.91751 | 100.3184 | 27.43638 |
| #1 | -.000617 | -.002721 | .0001349 | .0000503 | .0143383 | .0004261 | -.000679 |
| #2 | -.000611 | .006600 | .0004425 | .0004715 | .0136810 | -.000032 | -.001081 |
| #3 | -.000510 | .002951 | -.000312 | .0001356 | .0291565 | .000324 | -.001192 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0205279 | .0083646 | -.000047 | -.001327 | .0011089 | -.001325 | -.004482 |
| Stddev | .0141659 | .0003555 | .000222 | .000322 | .0002885 | .003069 | .002174 |
| %RSD | 69.00802 | 4.249800 | 472.7039 | 24.28550 | 26.01719 | 231.5738 | 48.49703 |
| #1 | .0179679 | .0079609 | .000195 | -.001688 | .0013492 | .002217 | -.004132 |
| #2 | .0078165 | .0085019 | -.000242 | -.001225 | .0011885 | -.002994 | -.006810 |
| #3 | .0357992 | .0086309 | -.000093 | -.001067 | .0007889 | -.003199 | -.002505 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICB01 Acquired: 3/13/2025 12:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.001205 | .0017877 | -.000005 |
| Stddev | .002275 | .0011110 | .000058 |
| %RSD | 188.8608 | 62.14833 | 1246.240 |
| | | | |
| #1 | -.003791 | .0010909 | .000018 |
| #2 | .000488 | .0012033 | -.000071 |
| #3 | -.000311 | .0030690 | .000039 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3492.534 | 77771.29 | 14905.66 | 2237.123 | 5055.713 |
| Stddev | 2.715 | 138.57 | 77.76 | 4.354 | 9.040 |
| %RSD | .0777299 | .1781746 | .5216599 | .1946324 | .1788125 |
| | | | | | |
| #1 | 3495.463 | 77827.52 | 14841.46 | 2232.440 | 5065.697 |
| #2 | 3492.035 | 77872.90 | 14992.12 | 2241.049 | 5048.082 |
| #3 | 3490.103 | 77613.44 | 14883.40 | 2237.881 | 5053.359 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CRI01 Acquired: 3/13/2025 12:21:41 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0211847 | .0416487 | .0117389 | .0213279 | .0528621 | .0992258 |
| Stddev | .0017833 | .0017286 | .0015884 | .0017131 | .0009178 | .0019327 |
| %RSD | 8.417925 | 4.150357 | 13.53137 | 8.032019 | 1.736232 | 1.947780 |
| #1 | .0203237 | .0425463 | .0135058 | .0212138 | .0518538 | .0986406 |
| #2 | .0232351 | .0427438 | .0112814 | .0196747 | .0530837 | .0976533 |
| #3 | .0199952 | .0396560 | .0104293 | .0230951 | .0536488 | .1013834 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0940446 | .0060719 | .0058974 | 2.019066 | .0104250 | .0301677 |
| Stddev | .0004139 | .0000269 | .0000369 | .004870 | .0001175 | .0001030 |
| %RSD | .4401001 | .4429253 | .6263642 | .2412135 | 1.126802 | .3415486 |
| #1 | .0944633 | .0061029 | .0059285 | 2.021245 | .0105554 | .0302790 |
| #2 | .0940346 | .0060582 | .0058566 | 2.022466 | .0103275 | .0301482 |
| #3 | .0936357 | .0060546 | .0059071 | 2.013487 | .0103920 | .0300757 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0231299 | .1102897 | .0205900 | 2.140852 | .0398264 | .0106236 |
| Stddev | .0002067 | .0031461 | .0006144 | .021546 | .0002832 | .0001731 |
| %RSD | .8937693 | 2.852604 | 2.983971 | 1.006426 | .7111547 | 1.628943 |
| #1 | .0231357 | .1066671 | .0211317 | 2.118860 | .0401526 | .0105158 |
| #2 | .0233337 | .1118652 | .0207159 | 2.141771 | .0396845 | .0105319 |
| #3 | .0229203 | .1123368 | .0199224 | 2.161923 | .0396422 | .0108233 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.827754 | .0409944 | .0424755 | 1.922954 | .1099884 | .2127317 |
| Stddev | .027746 | .0013023 | .0002774 | .026153 | .0010791 | .0006908 |
| %RSD | 1.518011 | 3.176707 | .6530889 | 1.360059 | .9811008 | .3247491 |
| #1 | 1.805166 | .0400745 | .0426606 | 1.897618 | .1110888 | .2123119 |
| #2 | 1.858724 | .0404242 | .0426093 | 1.921388 | .1089320 | .2123542 |
| #3 | 1.819373 | .0424845 | .0421565 | 1.949855 | .1099443 | .2135291 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CRI01 Acquired: 3/13/2025 12:21:41 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0400111 | .0395867 | .3662256 | F .0158916 | .0183800 | .0204578 |
| Stddev | .0010981 | .0004552 | .0051199 | .0021132 | .0017268 | .0010730 |
| %RSD | 2.744454 | 1.149975 | 1.398022 | 13.29768 | 9.395021 | 5.245105 |
| #1 | .0399143 | .0398825 | .3628640 | .0137687 | .0174035 | .0199262 |
| #2 | .0389646 | .0390625 | .3636948 | .0179950 | .0173627 | .0197543 |
| #3 | .0411544 | .0398151 | .3721181 | .0159112 | .0203738 | .0216928 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0194576 |
| Stddev | .0000188 |
| %RSD | .0966164 |
| #1 | .0194764 |
| #2 | .0194576 |
| #3 | .0194388 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3493.045 | 77787.39 | 15267.76 | 2233.838 | 5011.215 |
| Stddev | 2.345 | 109.63 | 57.52 | 9.018 | 8.023 |
| %RSD | .0671294 | .1409300 | .3767698 | .4036976 | .1601054 |
| #1 | 3490.338 | 77710.28 | 15232.73 | 2223.573 | 5003.165 |
| #2 | 3494.333 | 77739.01 | 15334.15 | 2237.459 | 5019.211 |
| #3 | 3494.463 | 77912.89 | 15236.40 | 2240.483 | 5011.269 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSA01 Acquired: 3/13/2025 12:25:58 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0043191 | .0092274 | .0047161 | -.015246 | -.002752 | 255.9178 |
| Stddev | .0032143 | .0026089 | .0002738 | .002611 | .000723 | 1.0710 |
| %RSD | 74.42085 | 28.27313 | 5.806221 | 17.12529 | 26.26053 | .4184876 |
| #1 | .0028472 | .0110850 | .0045925 | -.018105 | -.002815 | 256.1936 |
| #2 | .0021043 | .0103524 | .0045258 | -.012987 | -.002000 | 254.7359 |
| #3 | .0080058 | .0062448 | .0050299 | -.014645 | -.003441 | 256.8240 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0047186 | .0012606 | -.003111 | 242.3184 | .0599869 | .0015877 |
| Stddev | .0000880 | .0000419 | .000049 | 1.1014 | .0003133 | .0005026 |
| %RSD | 1.865651 | 3.322887 | 1.589569 | .4545303 | .5222672 | 31.65507 |
| #1 | .0046698 | .0013061 | -.003168 | 241.4612 | .0603008 | .0017264 |
| #2 | .0048202 | .0012236 | -.003086 | 241.9334 | .0596742 | .0020064 |
| #3 | .0046657 | .0012521 | -.003079 | 243.5606 | .0599858 | .0010304 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0103832 | 103.0858 | .0037665 | 262.3130 | .0019277 | -.000883 |
| Stddev | .0007069 | .1753 | .0002235 | 1.3822 | .0004305 | .000287 |
| %RSD | 6.807892 | .1700588 | 5.932679 | .5269276 | 22.33302 | 32.49798 |
| #1 | .0095984 | 103.2143 | .0037073 | 261.5846 | .0024230 | -.001029 |
| #2 | .0105814 | 103.1571 | .0035786 | 261.4474 | .0016430 | -.000553 |
| #3 | .0109698 | 102.8861 | .0040136 | 263.9071 | .0017172 | -.001068 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0812520 | .0034870 | .0046492 | .1116055 | F -.128877 | .0000384 |
| Stddev | .0127403 | .0005941 | .0006247 | .0357706 | .002924 | .0003430 |
| %RSD | 15.68003 | 17.03731 | 13.43665 | 32.05097 | 2.269017 | 892.0976 |
| #1 | .0667752 | .0030843 | .0053229 | .0850475 | -.127142 | .0004277 |
| #2 | .0907561 | .0032075 | .0040892 | .1522805 | -.127236 | -.000219 |
| #3 | .0862246 | .0041693 | .0045353 | .0974885 | -.132253 | -.000093 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSA01 Acquired: 3/13/2025 12:25:58 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.003906 | -.001020 | .0216826 | -.001555 | -.009528 | .0055634 |
| Stddev | .000774 | .000215 | .0043397 | .003299 | .006168 | .0002879 |
| %RSD | 19.81586 | 21.04609 | 20.01459 | 212.1479 | 64.73530 | 5.175402 |
| #1 | -.003015 | -.000957 | .0192414 | -.004194 | -.002756 | .0058717 |
| #2 | -.004409 | -.001259 | .0191133 | -.002615 | -.014823 | .0055172 |
| #3 | -.004295 | -.000844 | .0266931 | .002144 | -.011004 | .0053014 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F .0985894 |
| Stddev | .0004192 |
| %RSD | .4251899 |
| #1 | .0982562 |
| #2 | .0984519 |
| #3 | .0990601 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3146.437 | 68248.75 | 14841.43 | 2008.065 | 4040.348 |
| Stddev | 2.410 | 91.17 | 75.62 | 3.827 | 6.699 |
| %RSD | .0766011 | .1335777 | .5095368 | .1905819 | .1657906 |
| #1 | 3147.957 | 68143.86 | 14892.93 | 2009.079 | 4047.972 |
| #2 | 3147.697 | 68293.48 | 14876.75 | 2003.833 | 4035.405 |
| #3 | 3143.658 | 68308.90 | 14754.61 | 2011.282 | 4037.668 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSAB01 Acquired: 3/13/2025 12:30:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .1131477 | .1069166 | .0541647 | .0429599 | .6104071 | 240.4082 |
| Stddev | .0017683 | .0013837 | .0003964 | .0030794 | .0021878 | 1.9793 |
| %RSD | 1.562820 | 1.294163 | .7318334 | 7.168038 | .3584176 | .8232915 |
| #1 | .1145663 | .1054132 | .0543054 | .0394247 | .6078840 | 242.6781 |
| #2 | .1137103 | .1072002 | .0537172 | .0443967 | .6115598 | 239.0428 |
| #3 | .1111666 | .1081366 | .0544716 | .0450582 | .6117776 | 239.5036 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4849569 | .4908953 | 1.002948 | 231.1152 | .5640676 | .5084867 |
| Stddev | .0020811 | .0024778 | .002420 | 1.2219 | .0014895 | .0014464 |
| %RSD | .4291335 | .5047595 | .2412904 | .5287102 | .2640579 | .2844585 |
| #1 | .4867010 | .4937339 | 1.000467 | 232.5006 | .5629073 | .5068212 |
| #2 | .4855166 | .4891657 | 1.003076 | 230.6542 | .5657472 | .5092106 |
| #3 | .4826532 | .4897863 | 1.005302 | 230.1908 | .5635482 | .5094282 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5037197 | 100.4457 | .4758053 | 248.9152 | 1.005905 | .2183363 |
| Stddev | .0013971 | .4143 | .0028112 | 1.3351 | .002991 | .0008128 |
| %RSD | .2773634 | .4124413 | .5908285 | .5363652 | .2973541 | .3722694 |
| #1 | .5021167 | 100.3118 | .4781586 | 250.4568 | 1.002529 | .2175780 |
| #2 | .5043638 | 100.9104 | .4765650 | 248.1342 | 1.006962 | .2191944 |
| #3 | .5046785 | 100.1150 | .4726923 | 248.1547 | 1.008225 | .2182364 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0936484 | .4696274 | 1.047119 | .0789780 | .8695390 | 1.068719 |
| Stddev | .0237110 | .0030323 | .004030 | .0118902 | .0035339 | .001219 |
| %RSD | 25.31917 | .6456783 | .3848444 | 15.05507 | .4064105 | .1140540 |
| #1 | .0800141 | .4729426 | 1.050028 | .0874868 | .8731053 | 1.067571 |
| #2 | .1210274 | .4669941 | 1.042519 | .0840551 | .8660384 | 1.069998 |
| #3 | .0799037 | .4689454 | 1.048809 | .0653921 | .8694732 | 1.068588 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSAB01 Acquired: 3/13/2025 12:30:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | 1.088035 | 1.010617 | .9838758 | F 10.37073 | F 10.59370 | F 9.806880 |
| Stddev | .002604 | .005677 | .0043700 | .02176 | .00948 | .060009 |
| %RSD | .2392886 | .5617337 | .4441635 | .2098084 | .0895202 | .6119101 |
| #1 | 1.089235 | 1.016044 | .9883253 | 10.34562 | 10.59769 | 9.852287 |
| #2 | 1.089822 | 1.011087 | .9837122 | 10.38406 | 10.60054 | 9.829506 |
| #3 | 1.085048 | 1.004720 | .9795898 | 10.38252 | 10.58288 | 9.738847 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | F 9.185808 |
| Stddev | .063531 |
| %RSD | .6916244 |
| #1 | 9.179081 |
| #2 | 9.125908 |
| #3 | 9.252435 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3092.634 | 68363.42 | 15236.19 | 2015.378 | 3970.825 |
| Stddev | 5.747 | 113.41 | 80.08 | 6.216 | 6.279 |
| %RSD | .1858201 | .1658891 | .5256156 | .3084520 | .1581217 |
| #1 | 3098.598 | 68488.52 | 15145.53 | 2018.965 | 3977.926 |
| #2 | 3092.171 | 68267.36 | 15297.30 | 2018.969 | 3968.539 |
| #3 | 3087.133 | 68334.39 | 15265.74 | 2008.200 | 3966.009 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSADLX20 Acquired: 3/13/2025 12:34:40 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001301 | .0010719 | .0000700 | .0021077 | -.000424 | 12.50627 | -.000428 |
| Stddev | .000873 | .0005251 | .0003773 | .0026735 | .000660 | .00964 | .000525 |
| %RSD | 67.06615 | 48.98561 | 538.7816 | 126.8416 | 155.8942 | .0771101 | 122.7019 |
| #1 | -.002116 | .0009952 | .0000549 | .0004706 | .000318 | 12.51734 | .000175 |
| #2 | -.001406 | .0005894 | -.000300 | .0051928 | -.000639 | 12.50177 | -.000676 |
| #3 | -.000381 | .0016311 | .000455 | .0006597 | -.000949 | 12.49971 | -.000784 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000709 | -.000101 | 12.26734 | .0026626 | .0002647 | .0002560 | 4.604028 |
| Stddev | .0000244 | .000015 | .04848 | .0000923 | .0000791 | .0002120 | .014562 |
| %RSD | 34.36048 | 14.57521 | .3952023 | 3.465430 | 29.90373 | 82.81687 | .3162843 |
| #1 | .0000728 | -.000102 | 12.31552 | .0026755 | .0002031 | .0003895 | 4.616648 |
| #2 | .0000456 | -.000114 | 12.26795 | .0025646 | .0002370 | .0003669 | 4.588095 |
| #3 | .0000943 | -.000085 | 12.21856 | .0027478 | .0003539 | .0000115 | 4.607340 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000365 | 12.84154 | .0001134 | .0002111 | .0041553 | -.000592 | -.000490 |
| Stddev | .000246 | .00931 | .0003747 | .0004530 | .0222161 | .001223 | .000204 |
| %RSD | 67.37318 | .0724820 | 330.3494 | 214.5764 | 534.6389 | 206.5251 | 41.54907 |
| #1 | -.000084 | 12.84894 | .0005400 | -.000266 | -.006240 | -.000880 | -.000278 |
| #2 | -.000470 | 12.83109 | -.000037 | .000635 | -.010957 | .000749 | -.000684 |
| #3 | -.000541 | 12.84459 | -.000163 | .000265 | .029663 | -.001646 | -.000508 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0058223 | -.009213 | .0000062 | -.001406 | .0003266 | .0007294 | -.003690 |
| Stddev | .0154494 | .000650 | .0002523 | .000749 | .0009521 | .0012894 | .000567 |
| %RSD | 265.3511 | 7.051829 | 4053.066 | 53.26347 | 291.4941 | 176.7806 | 15.36038 |
| #1 | -.009528 | -.008469 | .0000724 | -.002270 | -.000630 | .0010234 | -.003227 |
| #2 | .005626 | -.009667 | .0002188 | -.000970 | .000335 | -.000682 | -.003522 |
| #3 | .021369 | -.009502 | -.000273 | -.000976 | .001275 | .001846 | -.004322 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSADLX20 Acquired: 3/13/2025 12:34:40 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.002820 | .0014477 | .0048208 |
| Stddev | .000880 | .0008391 | .0000408 |
| %RSD | 31.20405 | 57.96113 | .8453568 |
| | | | |
| #1 | -.003356 | .0014061 | .0048296 |
| #2 | -.001804 | .0006302 | .0048565 |
| #3 | -.003300 | .0023068 | .0047764 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3490.599 | 78594.99 | 14550.86 | 2256.867 | 4909.572 |
| Stddev | 13.101 | 277.60 | 19.46 | 6.481 | 16.055 |
| %RSD | .3753130 | .3532056 | .1337374 | .2871514 | .3270067 |
| | | | | | |
| #1 | 3489.327 | 78627.61 | 14554.54 | 2261.348 | 4913.277 |
| #2 | 3504.290 | 78854.85 | 14568.22 | 2259.816 | 4923.450 |
| #3 | 3478.181 | 78302.53 | 14529.83 | 2249.436 | 4891.989 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSABDLX20 Acquired: 3/13/2025 12:38:56 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0054837 | .0062559 | .0027619 | .0054511 | .0313760 | 12.88174 | .0255975 |
| Stddev | .0006390 | .0007697 | .0005939 | .0005579 | .0006464 | .01404 | .0010747 |
| %RSD | 11.65323 | 12.30312 | 21.50229 | 10.23409 | 2.060291 | .1090106 | 4.198607 |
| #1 | .0056806 | .0057290 | .0031141 | .0052298 | .0321208 | 12.87154 | .0248271 |
| #2 | .0060010 | .0071391 | .0020762 | .0050379 | .0309612 | 12.87593 | .0251401 |
| #3 | .0047694 | .0058995 | .0030952 | .0060857 | .0310459 | 12.89776 | .0268253 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0282476 | .0524851 | 12.71507 | .0315623 | .0261492 | .0284393 | 5.046730 |
| Stddev | .0001554 | .0003021 | .04016 | .0002142 | .0000375 | .0001753 | .009059 |
| %RSD | .5500239 | .5756223 | .3158710 | .6785631 | .1432409 | .6165286 | .1795090 |
| #1 | .0282030 | .0522378 | 12.70196 | .0316477 | .0261725 | .0282507 | 5.036398 |
| #2 | .0281194 | .0523957 | 12.68310 | .0313186 | .0261060 | .0284699 | 5.050478 |
| #3 | .0284204 | .0528218 | 12.76015 | .0317206 | .0261692 | .0285974 | 5.053314 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0255567 | 13.21483 | .0525936 | .0117177 | .0250943 | .0257439 | .0554142 |
| Stddev | .0001210 | .08392 | .0002770 | .0000462 | .0096312 | .0020309 | .0005795 |
| %RSD | .4734889 | .6350077 | .5267474 | .3942928 | 38.38003 | 7.888751 | 1.045797 |
| #1 | .0256882 | 13.21852 | .0524924 | .0116861 | .0192240 | .0238980 | .0547451 |
| #2 | .0255321 | 13.12914 | .0523814 | .0117707 | .0198493 | .0279194 | .0557385 |
| #3 | .0254499 | 13.29685 | .0529070 | .0116962 | .0362096 | .0254144 | .0557588 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0121306 | .0487079 | .0585736 | .0559624 | .0560987 | .0520832 | -.004820 |
| Stddev | .0343922 | .0005101 | .0002947 | .0008596 | .0006986 | .0049713 | .001244 |
| %RSD | 283.5161 | 1.047286 | .5032186 | 1.536023 | 1.245368 | 9.544912 | 25.81278 |
| #1 | .0375969 | .0489100 | .0584926 | .0552269 | .0562052 | .0506462 | -.006152 |
| #2 | .0257874 | .0481277 | .0583278 | .0557529 | .0553529 | .0479887 | -.003689 |
| #3 | -.026992 | .0490860 | .0589004 | .0569074 | .0567380 | .0576147 | -.004619 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSABDLX20 Acquired: 3/13/2025 12:38:56 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.000568 | .0006648 | .0050006 |
| Stddev | .001425 | .0001634 | .0000175 |
| %RSD | 250.9729 | 24.57701 | .3504821 |
| | | | |
| #1 | .000084 | .0005942 | .0049945 |
| #2 | -.002202 | .0005486 | .0049869 |
| #3 | .000415 | .0008517 | .0050203 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3461.425 | 74923.30 | 14782.78 | 2185.858 | 4869.774 |
| Stddev | 8.021 | 64.85 | 18.58 | 7.521 | 17.440 |
| %RSD | .2317244 | .0865607 | .1257165 | .3440791 | .3581363 |
| | | | | | |
| #1 | 3467.124 | 74981.04 | 14777.88 | 2194.508 | 4883.851 |
| #2 | 3464.898 | 74853.14 | 14803.32 | 2180.866 | 4875.208 |
| #3 | 3452.253 | 74935.74 | 14767.13 | 2182.199 | 4850.264 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV01 Acquired: 3/13/2025 12:53:26 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.158631 | 5.104539 | 5.192543 | 5.067368 | 5.055720 | 10.26613 | 9.861959 |
| Stddev | .031720 | .041858 | .010813 | .018813 | .018132 | .00918 | .141106 |
| %RSD | .6149003 | .8200141 | .2082393 | .3712643 | .3586492 | .0894629 | 1.430806 |
| #1 | 5.158688 | 5.147777 | 5.182641 | 5.067201 | 5.046514 | 10.26916 | 10.01796 |
| #2 | 5.126882 | 5.064213 | 5.190906 | 5.048638 | 5.044038 | 10.25582 | 9.82470 |
| #3 | 5.190323 | 5.101627 | 5.204081 | 5.086263 | 5.076608 | 10.27342 | 9.74322 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2736909 | 2.567739 | 25.45599 | 1.049302 | 2.555001 | 1.283313 | 4.894597 |
| Stddev | .0022023 | .005441 | .06450 | .004224 | .004205 | .005376 | .030686 |
| %RSD | .8046569 | .2118889 | .2533867 | .4025647 | .1645636 | .4188954 | .6269295 |
| #1 | .2758250 | 2.563836 | 25.52483 | 1.044433 | 2.551228 | 1.282797 | 4.860760 |
| #2 | .2738214 | 2.565427 | 25.44620 | 1.051980 | 2.554241 | 1.278213 | 4.902412 |
| #3 | .2714263 | 2.573954 | 25.39695 | 1.051495 | 2.559534 | 1.288927 | 4.920620 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.533204 | 25.69180 | 2.557642 | 1.295268 | 24.00098 | 2.547808 | 2.596435 |
| Stddev | .003387 | .08549 | .006109 | .002522 | .26585 | .005125 | .009996 |
| %RSD | .1336899 | .3327523 | .2388683 | .1946724 | 1.107644 | .2011376 | .3849900 |
| #1 | 2.536538 | 25.75849 | 2.552663 | 1.293080 | 23.86444 | 2.553725 | 2.584912 |
| #2 | 2.529767 | 25.72149 | 2.555802 | 1.294699 | 23.83115 | 2.544892 | 2.602770 |
| #3 | 2.533307 | 25.59543 | 2.564459 | 1.298026 | 24.30735 | 2.544806 | 2.601624 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.92823 | 5.426926 | 5.117513 | 5.148932 | 5.003388 | 4.992882 | 5.209350 |
| Stddev | .27343 | .054191 | .015008 | .010290 | .008718 | .032646 | .024400 |
| %RSD | 1.142730 | .9985609 | .2932585 | .1998465 | .1742505 | .6538578 | .4683872 |
| #1 | 23.67957 | 5.484535 | 5.115103 | 5.147252 | 5.013364 | 4.958813 | 5.215064 |
| #2 | 23.88407 | 5.419278 | 5.103855 | 5.139585 | 4.999572 | 4.995942 | 5.182600 |
| #3 | 24.22106 | 5.376965 | 5.133579 | 5.159958 | 4.997229 | 5.023891 | 5.230385 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV01 Acquired: 3/13/2025 12:53:26 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 5.037267 | 4.969641 | 5.020896 |
| Stddev | .011414 | .009119 | .016251 |
| %RSD | .2265906 | .1834960 | .3236644 |
| #1 | 5.040780 | 4.974334 | 5.037071 |
| #2 | 5.024509 | 4.959131 | 5.004570 |
| #3 | 5.046511 | 4.975457 | 5.021046 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3391.254 | 73690.80 | 14067.45 | 2158.217 | 4539.866 |
| Stddev | 4.817 | 362.79 | 71.19 | 14.473 | 3.956 |
| %RSD | .1420473 | .4923073 | .5060815 | .6706014 | .0871332 |
| #1 | 3386.689 | 74061.56 | 13994.01 | 2174.705 | 4535.300 |
| #2 | 3396.289 | 73674.28 | 14072.19 | 2152.336 | 4542.269 |
| #3 | 3390.784 | 73336.56 | 14136.16 | 2147.611 | 4542.029 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB01 Acquired: 3/13/2025 12:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.002387 | .0010977 | .0004597 | .0021695 | .0006425 | -.006921 | .0003490 |
| Stddev | .002634 | .0007532 | .0009438 | .0027988 | .0004202 | .003487 | .0006989 |
| %RSD | 110.3475 | 68.61981 | 205.2970 | 129.0064 | 65.39873 | 50.38731 | 200.2563 |
| #1 | -.000440 | .0012934 | .0002170 | .0002679 | .0006682 | -.003514 | -.000356 |
| #2 | -.005384 | .0017337 | -.000339 | .0053832 | .0010492 | -.010483 | .001042 |
| #3 | -.001337 | .0002659 | .001501 | .0008573 | .0002100 | -.006766 | .000361 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000054 | -.000002 | -.012236 | .0003246 | .0001148 | .0000355 | .0018518 |
| Stddev | .000028 | .000041 | .002315 | .0001669 | .0000755 | .0001259 | .0010769 |
| %RSD | 52.52552 | 1833.101 | 18.91785 | 51.41510 | 65.72702 | 353.9966 | 58.15245 |
| #1 | -.000026 | .000035 | -.009658 | .0004697 | .0000760 | -.000048 | .0010685 |
| #2 | -.000083 | -.000046 | -.014136 | .0003618 | .0000666 | .000180 | .0030799 |
| #3 | -.000053 | .000004 | -.012912 | .0001422 | .0002018 | -.000026 | .0014071 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000597 | -.009727 | .0000693 | .0001260 | .0129714 | .0010015 | -.000644 |
| Stddev | .000246 | .008047 | .0002227 | .0001247 | .0163551 | .0012492 | .000157 |
| %RSD | 41.13439 | 82.72277 | 321.2428 | 98.97174 | 126.0857 | 124.7235 | 24.40945 |
| #1 | -.000870 | -.004231 | .0001728 | .0000670 | .0007951 | .0024266 | -.000772 |
| #2 | -.000525 | -.018964 | .0002216 | .0000417 | .0065579 | .0004824 | -.000692 |
| #3 | -.000395 | -.005987 | -.000186 | .0002692 | .0315612 | .0000957 | -.000469 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.026845 | .0064743 | .0002276 | -.000597 | .0009144 | .0065644 | -.005550 |
| Stddev | .016867 | .0009511 | .0001302 | .000106 | .0011743 | .0027744 | .000951 |
| %RSD | 62.82964 | 14.69111 | 57.20689 | 17.66870 | 128.4210 | 42.26534 | 17.13651 |
| #1 | -.028246 | .0074369 | .0003728 | -.000719 | .0018842 | .0035349 | -.006639 |
| #2 | -.042968 | .0055350 | .0001211 | -.000545 | -.000391 | .0089814 | -.004881 |
| #3 | -.009322 | .0064509 | .0001890 | -.000528 | .001250 | .0071768 | -.005130 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB01 Acquired: 3/13/2025 12:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.001048 | .0009422 | -.000047 |
| Stddev | .003835 | .0006982 | .000006 |
| %RSD | 365.7758 | 74.10638 | 13.21865 |
| | | | |
| #1 | -.000354 | .0003295 | -.000051 |
| #2 | .002392 | .0017024 | -.000040 |
| #3 | -.005183 | .0007948 | -.000050 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3473.782 | 77092.51 | 14926.39 | 2235.288 | 5055.090 |
| Stddev | 4.752 | 315.59 | 103.17 | 3.922 | 12.291 |
| %RSD | .1367904 | .4093631 | .6912249 | .1754671 | .2431440 |
| | | | | | |
| #1 | 3470.997 | 76808.51 | 14885.10 | 2230.789 | 5050.142 |
| #2 | 3479.269 | 77036.77 | 14850.24 | 2237.086 | 5069.084 |
| #3 | 3471.082 | 77432.26 | 15043.81 | 2237.989 | 5046.044 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BL Acquired: 3/13/2025 13:02:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.001712 | -.001582 | .0010024 | .0034584 | .0011461 | -.006177 | .0001657 |
| Stddev | .001823 | .001105 | .0007616 | .0009622 | .0006692 | .006834 | .0009626 |
| %RSD | 106.4948 | 69.85166 | 75.97014 | 27.82072 | 58.38920 | 110.6289 | 580.8715 |
| #1 | -.001867 | -.001609 | .0003377 | .0035662 | .0017899 | -.000227 | -.000430 |
| #2 | .000184 | -.000464 | .0018334 | .0043621 | .0004541 | -.004663 | .001276 |
| #3 | -.003453 | -.002673 | .0008362 | .0024469 | .0011943 | -.013640 | -.000349 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000007 | .0000286 | -.009708 | .0000395 | .0000093 | -.000175 | .0025975 |
| Stddev | .000005 | .0000066 | .005527 | .0002419 | .0001754 | .000137 | .0020220 |
| %RSD | 68.22822 | 23.10413 | 56.93001 | 612.1016 | 1882.601 | 78.09927 | 77.84359 |
| #1 | -.000002 | .0000319 | -.012828 | -.000004 | .0001713 | -.000018 | .0044888 |
| #2 | -.000007 | .0000210 | -.003327 | -.000177 | .0000336 | -.000266 | .0028375 |
| #3 | -.000012 | .0000329 | -.012970 | .000300 | -.000177 | -.000241 | .0004662 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000664 | .0005399 | -.000248 | .0002709 | -.002837 | .0002537 | -.000858 |
| Stddev | .000172 | .0099706 | .000141 | .0001489 | .004462 | .0007522 | .000314 |
| %RSD | 25.89905 | 1846.799 | 56.79224 | 54.95437 | 157.2531 | 296.4656 | 36.54158 |
| #1 | -.000765 | .0109728 | -.000379 | .0002114 | -.007334 | -.000567 | -.001093 |
| #2 | -.000465 | -.008893 | -.000266 | .0004403 | -.002768 | .000418 | -.000979 |
| #3 | -.000761 | -.000460 | -.000099 | .0001610 | .001589 | .000910 | -.000502 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.012438 | .0013039 | -.000084 | -.001209 | .0009564 | .0013470 | -.005708 |
| Stddev | .016013 | .0002088 | .000242 | .000385 | .0006682 | .0057961 | .002626 |
| %RSD | 128.7392 | 16.01630 | 287.4437 | 31.82478 | 69.86735 | 430.3045 | 46.01036 |
| #1 | -.029900 | .0011323 | -.000210 | -.000783 | .0007649 | -.004023 | -.002678 |
| #2 | .001558 | .0012429 | .000195 | -.001532 | .0004048 | .000572 | -.007335 |
| #3 | -.008973 | .0015364 | -.000238 | -.001310 | .0016994 | .007492 | -.007110 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BL Acquired: 3/13/2025 13:02:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.001600 | .0013711 | .0000031 |
| Stddev | .004471 | .0022777 | .0000428 |
| %RSD | 279.3829 | 166.1250 | 1387.339 |
| | | | |
| #1 | -.004607 | .0001086 | .0000134 |
| #2 | .003537 | .0000042 | .0000398 |
| #3 | -.003731 | .0040005 | -.000044 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3466.354 | 76993.14 | 14829.64 | 2217.137 | 5062.884 |
| Stddev | 7.308 | 109.97 | 75.90 | 11.537 | 12.224 |
| %RSD | .2108343 | .1428287 | .5118090 | .5203443 | .2414480 |
| | | | | | |
| #1 | 3463.376 | 76883.06 | 14911.50 | 2227.711 | 5058.307 |
| #2 | 3474.681 | 77103.00 | 14761.61 | 2218.866 | 5076.736 |
| #3 | 3461.006 | 76993.38 | 14815.80 | 2204.833 | 5053.609 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BS Acquired: 3/13/2025 13:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .7921126 | 1.969061 | .9809113 | 1.970539 | .7965106 | 1.948118 |
| Stddev | .0026696 | .015587 | .0025661 | .013113 | .0034586 | .006647 |
| %RSD | .3370280 | .7916054 | .2616041 | .6654438 | .4342174 | .3412043 |
| #1 | .7890473 | 1.970557 | .9795774 | 1.960771 | .7964753 | 1.940482 |
| #2 | .7933620 | 1.983847 | .9792869 | 1.965404 | .7930698 | 1.952602 |
| #3 | .7939284 | 1.952780 | .9838697 | 1.985442 | .7999867 | 1.951272 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1825339 | .2065478 | .1938344 | 1.000317 | .4169650 | .1947180 |
| Stddev | .0005647 | .0007741 | .0004803 | .002884 | .0004448 | .0009376 |
| %RSD | .3093849 | .3747919 | .2477728 | .2883206 | .1066808 | .4815358 |
| #1 | .1822806 | .2059356 | .1933046 | .997107 | .4164938 | .1938449 |
| #2 | .1821402 | .2074179 | .1939577 | 1.001156 | .4170236 | .1946003 |
| #3 | .1831810 | .2062898 | .1942411 | 1.002689 | .4173776 | .1957090 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3093994 | 2.846777 | .1945305 | 1.922776 | .4891141 | .0762624 |
| Stddev | .0009825 | .007889 | .0000454 | .037173 | .0005708 | .0001133 |
| %RSD | .3175550 | .2771334 | .0233157 | 1.933323 | .1167085 | .1485032 |
| #1 | .3087115 | 2.837693 | .1944782 | 1.885348 | .4884787 | .0763162 |
| #2 | .3089622 | 2.851908 | .1945582 | 1.959690 | .4892797 | .0761323 |
| #3 | .3105247 | 2.850731 | .1945552 | 1.923290 | .4895837 | .0763388 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.650329 | .2892281 | .2039316 | 8.997270 | .3004789 | .3995987 |
| Stddev | .017570 | .0012122 | .0006808 | .039344 | .0026822 | .0010639 |
| %RSD | .6629288 | .4191029 | .3338545 | .4372828 | .8926560 | .2662512 |
| #1 | 2.656570 | .2883203 | .2033298 | 9.030533 | .2976240 | .3985228 |
| #2 | 2.663926 | .2906046 | .2037944 | 8.953841 | .3029463 | .3996229 |
| #3 | 2.630491 | .2887593 | .2046706 | 9.007435 | .3008662 | .4006502 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BS Acquired: 3/13/2025 13:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .6916779 | .1890023 | .7540904 | 5.720030 | F -.012654 | .1955976 |
| Stddev | .0018681 | .0003290 | .0054837 | .031233 | .003838 | .0006232 |
| %RSD | .2700851 | .1740862 | .7271992 | .5460200 | 30.32734 | .3185940 |
| #1 | .6895357 | .1892369 | .7548939 | 5.684085 | -.014111 | .1957643 |
| #2 | .6929681 | .1891439 | .7482493 | 5.735458 | -.008301 | .1961204 |
| #3 | .6925300 | .1886262 | .7591281 | 5.740546 | -.015550 | .1949080 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1880190 |
| Stddev | .0002544 |
| %RSD | .1353232 |
| #1 | .1879573 |
| #2 | .1882987 |
| #3 | .1878012 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3405.691 | 74839.64 | 14523.99 | 2176.320 | 4822.206 |
| Stddev | 9.011 | 159.18 | 68.28 | 5.925 | 8.024 |
| %RSD | .2645934 | .2126964 | .4701243 | .2722591 | .1663953 |
| #1 | 3410.329 | 74843.18 | 14600.01 | 2170.563 | 4830.155 |
| #2 | 3411.438 | 74997.02 | 14467.87 | 2182.400 | 4822.355 |
| #3 | 3395.305 | 74678.71 | 14504.09 | 2175.997 | 4814.109 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BL Acquired: 3/13/2025 13:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0002142 | .0014913 | .0005472 | .0003853 | -.000543 | -.007975 | .0001468 |
| Stddev | .0001999 | .0004153 | .0006019 | .0013655 | .001148 | .003064 | .0013634 |
| %RSD | 93.30984 | 27.84641 | 110.0055 | 354.3750 | 211.6487 | 38.42426 | 928.7570 |
| #1 | .0000388 | .0010566 | .0009856 | .0019618 | -.001132 | -.005067 | -.000284 |
| #2 | .0001721 | .0018840 | .0007951 | -.000432 | -.001277 | -.007682 | -.000949 |
| #3 | .0004318 | .0015334 | -.000139 | -.000374 | .000781 | -.011175 | .001674 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000046 | .0000088 | -.009680 | .0001126 | -.000061 | -.000228 | .0033716 |
| Stddev | .000019 | .0000963 | .002891 | .0001004 | .000137 | .000392 | .0013297 |
| %RSD | 41.24050 | 1092.928 | 29.87124 | 89.16472 | 224.4135 | 172.0781 | 39.43881 |
| #1 | -.000064 | -.000023 | -.012190 | .0001585 | -.000044 | -.000547 | .0024652 |
| #2 | -.000026 | -.000067 | -.006518 | -.000003 | -.000206 | -.000345 | .0027516 |
| #3 | -.000049 | .000117 | -.010331 | .000182 | .000067 | .000209 | .0048981 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000936 | -.010328 | -.000248 | .0003078 | -.013391 | .0006476 | -.000646 |
| Stddev | .000042 | .003748 | .000113 | .0002161 | .020717 | .0007566 | .000169 |
| %RSD | 4.481840 | 36.28947 | 45.67705 | 70.22708 | 154.7034 | 116.8193 | 26.16069 |
| #1 | -.000888 | -.010830 | -.000182 | .0005498 | -.017552 | .0015212 | -.000835 |
| #2 | -.000965 | -.006354 | -.000378 | .0001342 | .009090 | .0002122 | -.000510 |
| #3 | -.000955 | -.013799 | -.000183 | .0002393 | -.031712 | .0002095 | -.000594 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.024454 | -.000590 | .0000682 | -.001586 | .0007183 | -.000249 | -.003645 |
| Stddev | .029584 | .000888 | .0002666 | .000159 | .0002105 | .002249 | .001860 |
| %RSD | 120.9794 | 150.5813 | 390.8641 | 10.02288 | 29.30772 | 904.4804 | 51.01698 |
| #1 | -.046445 | .000424 | .0001312 | -.001514 | .0009525 | -.000940 | -.005791 |
| #2 | -.036096 | -.000965 | -.000224 | -.001475 | .0006574 | .002265 | -.002512 |
| #3 | .009180 | -.001229 | .000298 | -.001768 | .0005449 | -.002071 | -.002632 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BL Acquired: 3/13/2025 13:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.002566 | .0002740 | -.000081 |
| Stddev | .003082 | .0013987 | .000051 |
| %RSD | 120.0979 | 510.5599 | 62.52166 |
| | | | |
| #1 | -.002011 | .0018040 | -.000029 |
| #2 | .000200 | -.000043 | -.000083 |
| #3 | -.005887 | -.000939 | -.000131 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3451.339 | 75909.53 | 14649.14 | 2200.578 | 5017.315 |
| Stddev | 6.375 | 50.04 | 42.10 | 2.333 | 4.277 |
| %RSD | .1847030 | .0659172 | .2873999 | .1060160 | .0852413 |
| | | | | | |
| #1 | 3444.079 | 75900.01 | 14639.88 | 2199.333 | 5015.416 |
| #2 | 3456.022 | 75963.65 | 14612.44 | 2203.269 | 5022.213 |
| #3 | 3453.916 | 75864.94 | 14695.10 | 2199.132 | 5014.317 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BS Acquired: 3/13/2025 13:15:05 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .7763336 | 1.931329 | .9760031 | 1.934955 | .7832455 | 1.934104 |
| Stddev | .0069003 | .030623 | .0085279 | .016944 | .0078606 | .005281 |
| %RSD | .8888254 | 1.585609 | .8737617 | .8756799 | 1.003592 | .2730699 |
| #1 | .7822794 | 1.964817 | .9792837 | 1.950571 | .7889063 | 1.929955 |
| #2 | .7779540 | 1.924415 | .9824036 | 1.937357 | .7865597 | 1.940050 |
| #3 | .7687673 | 1.904753 | .9663220 | 1.916939 | .7742706 | 1.932309 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1868897 | .2113398 | .1934623 | 1.012279 | .4099599 | .1957618 |
| Stddev | .0007012 | .0011864 | .0015773 | .005064 | .0013474 | .0017346 |
| %RSD | .3751890 | .5613902 | .8152971 | .5002996 | .3286681 | .8861017 |
| #1 | .1861191 | .2123954 | .1942001 | 1.018033 | .4086537 | .1970611 |
| #2 | .1874900 | .2115682 | .1945355 | 1.010307 | .4113450 | .1964324 |
| #3 | .1870602 | .2100557 | .1916513 | 1.008497 | .4098810 | .1937920 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3084685 | 2.839241 | .1982833 | 1.974992 | .4909100 | .0756317 |
| Stddev | .0026279 | .026074 | .0012919 | .008780 | .0033050 | .0001495 |
| %RSD | .8519072 | .9183485 | .6515501 | .4445790 | .6732312 | .1976142 |
| #1 | .3099731 | 2.811977 | .1987715 | 1.982182 | .4927762 | .0757399 |
| #2 | .3099982 | 2.841812 | .1992600 | 1.977587 | .4928598 | .0756941 |
| #3 | .3054341 | 2.863935 | .1968185 | 1.965206 | .4870941 | .0754612 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.607017 | .2918619 | .2032027 | 8.887492 | .3018061 | .3976011 |
| Stddev | .032930 | .0036220 | .0014751 | .067586 | .0018242 | .0038082 |
| %RSD | 1.263130 | 1.240980 | .7259030 | .7604658 | .6044332 | .9577918 |
| #1 | 2.579722 | .2938529 | .2019389 | 8.811863 | .3034408 | .4004217 |
| #2 | 2.643591 | .2940516 | .2028459 | 8.941982 | .3021392 | .3991123 |
| #3 | 2.597738 | .2876812 | .2048235 | 8.908632 | .2998383 | .3932693 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BS Acquired: 3/13/2025 13:15:05 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .6854460 | .1901120 | F .7412375 | 5.778518 | F -.009201 | .1964216 |
| Stddev | .0050106 | .0008056 | .0032635 | .048570 | .003049 | .0007864 |
| %RSD | .7310048 | .4237768 | .4402810 | .8405227 | 33.14184 | .4003759 |
| #1 | .6890052 | .1909172 | .7380910 | 5.816784 | -.011919 | .1973286 |
| #2 | .6876168 | .1893059 | .7410150 | 5.794892 | -.009778 | .1960074 |
| #3 | .6797160 | .1901130 | .7446067 | 5.723877 | -.005904 | .1959290 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1902430 |
| Stddev | .0004200 |
| %RSD | .2207787 |
| #1 | .1899958 |
| #2 | .1907280 |
| #3 | .1900052 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3437.901 | 75522.52 | 14365.63 | 2221.641 | 4834.485 |
| Stddev | 22.071 | 243.16 | 60.62 | 11.315 | 33.705 |
| %RSD | .6419937 | .3219680 | .4219831 | .5093085 | .6971729 |
| #1 | 3424.982 | 75742.58 | 14296.86 | 2222.371 | 4819.905 |
| #2 | 3425.336 | 75563.52 | 14388.74 | 2232.573 | 4810.526 |
| #3 | 3463.386 | 75261.48 | 14411.30 | 2209.978 | 4873.026 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1485-01 Acquired: 3/13/2025 13:19:07 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0909458 | .0008562 | 2.349975 | -.048201 | .0269262 | 156.6956 | 1.455567 |
| Stddev | .0027791 | .0013724 | .007788 | .000280 | .0021158 | .6281 | .009595 |
| %RSD | 3.055821 | 160.2870 | .3314011 | .5812171 | 7.857744 | .4008154 | .6591615 |
| #1 | .0934148 | .0019473 | 2.344149 | -.047912 | .0270594 | 155.9986 | 1.444834 |
| #2 | .0879360 | .0013058 | 2.346956 | -.048222 | .0289722 | 157.2176 | 1.463311 |
| #3 | .0914865 | -.000685 | 2.358821 | -.048471 | .0247470 | 156.8707 | 1.458556 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0138228 | -.006404 | 42.32541 | .3444296 | .1709163 | 1.988846 | 374.8592 |
| Stddev | .0001344 | .000442 | .23004 | .0014296 | .0005294 | .005039 | 1.1969 |
| %RSD | .9721695 | 6.908085 | .5435130 | .4150727 | .3097621 | .2533883 | .3192957 |
| #1 | .0137123 | -.006582 | 42.07224 | .3444477 | .1710745 | 1.985771 | 373.7856 |
| #2 | .0137837 | -.006730 | 42.52163 | .3458501 | .1703259 | 1.986104 | 376.1497 |
| #3 | .0139724 | -.005901 | 42.38236 | .3429910 | .1713487 | 1.994662 | 374.6424 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.235210 | 60.25125 | .3755786 | .0001535 | 6.564483 | .4661876 | 1.129998 |
| Stddev | .032216 | .21477 | .0014777 | .0002956 | .076419 | .0033489 | .003456 |
| %RSD | .6153674 | .3564609 | .3934421 | 192.5459 | 1.164124 | .7183552 | .3058198 |
| #1 | 5.198754 | 60.02660 | .3745626 | .0003767 | 6.477874 | .4630382 | 1.128171 |
| #2 | 5.259848 | 60.45455 | .3748993 | .0002657 | 6.622414 | .4658191 | 1.133984 |
| #3 | 5.247027 | 60.27259 | .3772737 | -.000182 | 6.593161 | .4697055 | 1.127839 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 39.72894 | -.470105 | .0097158 | .2097751 | 9.128929 | 9.968094 | 9.449659 |
| Stddev | .09339 | .002673 | .0001528 | .0010793 | .045260 | .022120 | .042295 |
| %RSD | .2350664 | .5686373 | 1.572761 | .5145124 | .4957824 | .2219064 | .4475818 |
| #1 | 39.63351 | -.469717 | .0095519 | .2089196 | 9.077189 | 9.954321 | 9.436023 |
| #2 | 39.82014 | -.467647 | .0097412 | .2094181 | 9.161176 | 9.993608 | 9.415863 |
| #3 | 39.73318 | -.472951 | .0098543 | .2109877 | 9.148421 | 9.956351 | 9.497089 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1485-01 Acquired: 3/13/2025 13:19:07 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | 3.929316 | .3951664 | .2997319 |
| Stddev | .013736 | .0029759 | .0017655 |
| %RSD | .3495816 | .7530656 | .5890320 |
| | | | |
| #1 | 3.931916 | .3921576 | .2977356 |
| #2 | 3.914465 | .3981082 | .3010880 |
| #3 | 3.941566 | .3952335 | .3003721 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3735.882 | 81810.87 | 17237.88 | 2413.468 | 4244.313 |
| Stddev | 6.404 | 161.23 | 55.62 | 8.876 | 10.852 |
| %RSD | .1714283 | .1970774 | .3226798 | .3677831 | .2556889 |
| | | | | | |
| #1 | 3740.323 | 81798.32 | 17298.51 | 2419.235 | 4251.312 |
| #2 | 3738.783 | 81656.28 | 17189.20 | 2403.247 | 4249.815 |
| #3 | 3728.541 | 81978.01 | 17225.94 | 2417.922 | 4231.812 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1486-01 Acquired: 3/13/2025 13:23:10 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0173818 | -.015108 | .5613788 | -.031977 | -.005601 | 158.5940 |
| Stddev | .0024189 | .002378 | .0073493 | .000591 | .001342 | .1336 |
| %RSD | 13.91603 | 15.73726 | 1.309153 | 1.848349 | 23.96056 | .0842241 |
| #1 | .0162420 | -.012438 | .5655429 | -.031388 | -.004079 | 158.5615 |
| #2 | .0157434 | -.016997 | .5657005 | -.031974 | -.006615 | 158.4796 |
| #3 | .0201600 | -.015888 | .5528931 | -.032570 | -.006109 | 158.7408 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8606767 | .0087655 | -.000478 | 178.7995 | .2915288 | .1195694 |
| Stddev | .0025025 | .0000632 | .000187 | .4242 | .0002510 | .0010006 |
| %RSD | .2907586 | .7206103 | 39.03415 | .2372389 | .0860813 | .8367994 |
| #1 | .8579598 | .0088021 | -.000296 | 178.9007 | .2913007 | .1202727 |
| #2 | .8611830 | .0088019 | -.000469 | 178.3338 | .2914880 | .1200115 |
| #3 | .8628874 | .0086926 | -.000669 | 179.1639 | .2917976 | .1184239 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1961657 | 226.2085 | 4.074142 | 67.43873 | .1819835 | -.000291 |
| Stddev | .0018551 | 1.2976 | .014183 | .29231 | .0017487 | .000417 |
| %RSD | .9456653 | .5736510 | .3481184 | .4334425 | .9609331 | 143.0594 |
| #1 | .1971156 | 225.3160 | 4.068221 | 67.67573 | .1821961 | .000105 |
| #2 | .1973535 | 227.6971 | 4.063879 | 67.11210 | .1836163 | -.000253 |
| #3 | .1940281 | 225.6124 | 4.090326 | 67.52836 | .1801382 | -.000726 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.884177 | .3782766 | .8079568 | 58.73227 | -.343865 | .0114652 |
| Stddev | .061824 | .0009704 | .0015384 | .39748 | .008762 | .0004980 |
| %RSD | 1.050682 | .2565386 | .1904117 | .6767645 | 2.547954 | 4.343183 |
| #1 | 5.833745 | .3793640 | .8078523 | 58.47349 | -.351063 | .0111139 |
| #2 | 5.953150 | .3779671 | .8095448 | 59.18993 | -.334109 | .0120350 |
| #3 | 5.865637 | .3774987 | .8064733 | 58.53338 | -.346422 | .0112465 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1486-01 Acquired: 3/13/2025 13:23:10 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0181501 | F 10.62970 | F 11.18605 | F 16.78013 | 4.104803 | .4562834 |
| Stddev | .0018706 | .01055 | .07132 | .13160 | .045671 | .0019512 |
| %RSD | 10.30654 | .0992166 | .6375702 | .7842815 | 1.112629 | .4276225 |
| #1 | .0167466 | 10.62214 | 11.15540 | 16.84408 | 4.109523 | .4543510 |
| #2 | .0174298 | 10.62522 | 11.26757 | 16.86754 | 4.147931 | .4582528 |
| #3 | .0202738 | 10.64175 | 11.13518 | 16.62877 | 4.056955 | .4562465 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .6911591 |
| Stddev | .0012038 |
| %RSD | .1741682 |
| #1 | .6898111 |
| #2 | .6915394 |
| #3 | .6921268 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3650.868 | 81071.06 | 16873.78 | 2347.680 | 4031.682 |
| Stddev | 17.392 | 236.82 | 84.23 | 19.974 | 29.502 |
| %RSD | .4763806 | .2921118 | .4991573 | .8508126 | .7317560 |
| #1 | 3641.081 | 81157.80 | 16838.81 | 2349.360 | 4016.855 |
| #2 | 3640.575 | 80803.10 | 16969.86 | 2326.918 | 4012.535 |
| #3 | 3670.949 | 81252.27 | 16812.67 | 2366.761 | 4065.657 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1487-01 Acquired: 3/13/2025 13:27:13 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0207536 | -.012321 | .3078575 | -.068485 | -.012291 | 230.1496 |
| Stddev | .0032910 | .001298 | .0021985 | .002526 | .003914 | .0472 |
| %RSD | 15.85773 | 10.53285 | .7141226 | 3.688482 | 31.84290 | .0205023 |
| #1 | .0209448 | -.013819 | .3102809 | -.070350 | -.007891 | 230.1648 |
| #2 | .0239448 | -.011564 | .3059910 | -.069495 | -.015384 | 230.0966 |
| #3 | .0173711 | -.011580 | .3073007 | -.065610 | -.013598 | 230.1872 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.094332 | .0148888 | -.006765 | 39.56127 | .5593714 | .2601048 |
| Stddev | .004500 | .0000391 | .000860 | .08157 | .0020193 | .0004353 |
| %RSD | .2148611 | .2627001 | 12.71940 | .2061990 | .3609872 | .1673698 |
| #1 | 2.093378 | .0149281 | -.007594 | 39.58562 | .5599166 | .2600839 |
| #2 | 2.090385 | .0148499 | -.005876 | 39.47030 | .5610621 | .2596803 |
| #3 | 2.099232 | .0148883 | -.006823 | 39.62790 | .5571355 | .2605502 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5642314 | 431.5491 | 4.698600 | 119.5928 | .5317387 | -.001116 |
| Stddev | .0013183 | 3.4905 | .005274 | .2913 | .0011341 | .000335 |
| %RSD | .2336411 | .8088391 | .1122565 | .2435908 | .2132839 | 29.99359 |
| #1 | .5650392 | 433.7299 | 4.699480 | 119.4707 | .5329593 | -.001138 |
| #2 | .5649448 | 427.5233 | 4.692940 | 119.3824 | .5307176 | -.001439 |
| #3 | .5627101 | 433.3942 | 4.703379 | 119.9253 | .5315391 | -.000771 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.197185 | .5504162 | 1.340682 | 121.1435 | -.709830 | .0030522 |
| Stddev | .013603 | .0021379 | .007441 | .3602 | .018956 | .0003397 |
| %RSD | .3240944 | .3884112 | .5550321 | .2973100 | 2.670539 | 11.13137 |
| #1 | 4.206869 | .5480975 | 1.338818 | 121.5414 | -.694052 | .0030425 |
| #2 | 4.203054 | .5508420 | 1.348879 | 121.0494 | -.730858 | .0033967 |
| #3 | 4.181633 | .5523092 | 1.334351 | 120.8398 | -.704580 | .0027174 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1487-01 Acquired: 3/13/2025 13:27:13 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .0155741 | F 18.27868 | 8.397311 | 8.279622 | 3.854363 | .7672955 |
| Stddev | .0023239 | .02382 | .020891 | .030120 | .006783 | .0014489 |
| %RSD | 14.92167 | .1303095 | .2487847 | .3637829 | .1759723 | .1888267 |
| #1 | .0182193 | 18.29684 | 8.419977 | 8.313522 | 3.857412 | .7685610 |
| #2 | .0138607 | 18.25171 | 8.378827 | 8.255940 | 3.859087 | .7657151 |
| #3 | .0146424 | 18.28748 | 8.393129 | 8.269405 | 3.846591 | .7676105 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2016621 |
| Stddev | .0003392 |
| %RSD | .1682265 |
| #1 | .2013740 |
| #2 | .2015762 |
| #3 | .2020360 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3406.141 | 74361.22 | 15468.85 | 2159.852 | 4061.673 |
| Stddev | 7.569 | 243.33 | 8.54 | 14.503 | 7.960 |
| %RSD | .2222145 | .3272259 | .0552166 | .6714636 | .1959772 |
| #1 | 3404.369 | 74148.42 | 15471.13 | 2149.698 | 4055.708 |
| #2 | 3414.439 | 74308.73 | 15459.40 | 2153.396 | 4070.712 |
| #3 | 3399.616 | 74626.51 | 15476.02 | 2176.461 | 4058.600 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-04 Acquired: 3/13/2025 13:31:32 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002352 | -.004147 | .0028277 | .0046838 | .0010596 | .0370270 | .1558972 |
| Stddev | .003275 | .000461 | .0006049 | .0049011 | .0017849 | .0056034 | .0010109 |
| %RSD | 139.2769 | 11.12395 | 21.39288 | 104.6381 | 168.4520 | 15.13324 | .6484380 |
| #1 | .001361 | -.004679 | .0028021 | .0097422 | -.000055 | .0336391 | .1564943 |
| #2 | -.003586 | -.003898 | .0034451 | -.000043 | .003118 | .0434947 | .1564672 |
| #3 | -.004830 | -.003863 | .0022360 | .004352 | .000115 | .0339470 | .1547300 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000424 | -.000050 | 3.062928 | .0003778 | .0013949 | .0213799 | .0508516 |
| Stddev | .0000400 | .000001 | .004933 | .0001566 | .0002111 | .0004422 | .0048785 |
| %RSD | 94.45789 | 1.848210 | .1610408 | 41.45814 | 15.13279 | 2.068389 | 9.593639 |
| #1 | .0000878 | -.000049 | 3.061475 | .0005053 | .0013070 | .0218033 | .0558722 |
| #2 | .0000274 | -.000051 | 3.068424 | .0002030 | .0016358 | .0214154 | .0461288 |
| #3 | .0000120 | -.000049 | 3.058886 | .0004252 | .0012420 | .0209210 | .0505538 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1477420 | .3913338 | .0022199 | .0002260 | 308.8072 | .0010172 | .0438451 |
| Stddev | .0005003 | .0147990 | .0001215 | .0003023 | 1.6370 | .0014687 | .0003062 |
| %RSD | .3386635 | 3.781678 | 5.473994 | 133.7247 | .5301130 | 144.3851 | .6984128 |
| #1 | .1472401 | .3806601 | .0020802 | .0005217 | 309.8190 | .0003991 | .0436089 |
| #2 | .1482408 | .3851135 | .0023013 | -.000082 | 306.9186 | -.000041 | .0441911 |
| #3 | .1477453 | .4082276 | .0022783 | .000239 | 309.6841 | .002694 | .0437354 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4400594 | .0120008 | .0002846 | -.001000 | .0016431 | .2106751 | .0035874 |
| Stddev | .0249202 | .0008125 | .0000293 | .000367 | .0006289 | .0031666 | .0026975 |
| %RSD | 5.662922 | 6.770460 | 10.31259 | 36.73216 | 38.27659 | 1.503062 | 75.19448 |
| #1 | .4446908 | .0117139 | .0002702 | -.001248 | .0015939 | .2070990 | .0012600 |
| #2 | .4623390 | .0113707 | .0003183 | -.001174 | .0010402 | .2131232 | .0065439 |
| #3 | .4131484 | .0129179 | .0002651 | -.000578 | .0022952 | .2118033 | .0029583 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-04 Acquired: 3/13/2025 13:31:32 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .1829792 | -.001692 | .0248751 |
| Stddev | .0023923 | .000105 | .0002053 |
| %RSD | 1.307407 | 6.212084 | .8253913 |
| | | | |
| #1 | .1804840 | -.001715 | .0248140 |
| #2 | .1852532 | -.001784 | .0251040 |
| #3 | .1832004 | -.001577 | .0247073 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3213.726 | 70199.34 | 14201.71 | 2047.431 | 4331.479 |
| Stddev | 9.143 | 63.85 | 95.88 | .177 | 4.219 |
| %RSD | .2844895 | .0909530 | .6751253 | .0086638 | .0974053 |
| | | | | | |
| #1 | 3216.451 | 70137.51 | 14227.68 | 2047.250 | 4333.470 |
| #2 | 3221.196 | 70195.49 | 14281.94 | 2047.440 | 4334.333 |
| #3 | 3203.530 | 70265.03 | 14095.53 | 2047.604 | 4326.632 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-06 Acquired: 3/13/2025 13:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.004805 | -.004231 | .0340288 | .0029305 | .0016950 | .0435859 | .3050335 |
| Stddev | .001890 | .001557 | .0008130 | .0018782 | .0017137 | .0021222 | .0017046 |
| %RSD | 39.33319 | 36.80463 | 2.389305 | 64.09006 | 101.1038 | 4.869102 | .5588136 |
| #1 | -.004016 | -.003619 | .0331018 | .0044952 | -.000282 | .0460303 | .3059277 |
| #2 | -.003438 | -.003073 | .0343638 | .0008477 | .002606 | .0422135 | .3030679 |
| #3 | -.006962 | -.006001 | .0346209 | .0034485 | .002760 | .0425139 | .3061049 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000055 | .0017456 | 8.047227 | -.000200 | .0041193 | .3308505 | .0224975 |
| Stddev | .000062 | .0000541 | .025260 | .000266 | .0001370 | .0021446 | .0015317 |
| %RSD | 112.1923 | 3.099623 | .3138999 | 133.2893 | 3.325913 | .6482138 | 6.808140 |
| #1 | -.000120 | .0017643 | 8.059230 | -.000495 | .0040696 | .3299084 | .0226571 |
| #2 | .000003 | .0016846 | 8.018203 | -.000124 | .0040142 | .3293381 | .0239431 |
| #3 | -.000049 | .0017879 | 8.064248 | .000020 | .0042743 | .3333049 | .0208923 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.236304 | 1.170660 | .0120015 | .0001579 | 382.7558 | .0006159 | .2378748 |
| Stddev | .002929 | .018895 | .0006705 | .0001631 | 1.8367 | .0021156 | .0003225 |
| %RSD | .2369501 | 1.614079 | 5.586453 | 103.2887 | .4798562 | 343.5062 | .1355933 |
| #1 | 1.239562 | 1.164707 | .0127441 | -.000029 | 384.5362 | -.000229 | .2376489 |
| #2 | 1.233888 | 1.155458 | .0118194 | .000272 | 382.8637 | -.000947 | .2382442 |
| #3 | 1.235462 | 1.191815 | .0114409 | .000231 | 380.8676 | .003023 | .2377313 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9688728 | .0135374 | .0001272 | -.001306 | .0000085 | .3245919 | .0311931 |
| Stddev | .0269269 | .0006722 | .0001260 | .001019 | .0006708 | .0063282 | .0007631 |
| %RSD | 2.779197 | 4.965789 | 99.01931 | 78.01636 | 7871.144 | 1.949600 | 2.446274 |
| #1 | .9777906 | .0143114 | .0002688 | -.002332 | -.000564 | .3287503 | .0318574 |
| #2 | .9386183 | .0132015 | .0000852 | -.000294 | -.000156 | .3173091 | .0303596 |
| #3 | .9902095 | .0130993 | .0000276 | -.001293 | .000746 | .3277163 | .0313622 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-06 Acquired: 3/13/2025 13:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | .3751128 | -.002237 | .0779592 |
| Stddev | .0036316 | .001376 | .0003132 |
| %RSD | .9681448 | 61.50511 | .4017414 |
| | | | |
| #1 | .3710592 | -.000738 | .0781993 |
| #2 | .3762093 | -.003443 | .0776049 |
| #3 | .3780698 | -.002531 | .0780733 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3215.697 | 69749.00 | 14401.82 | 2048.836 | 4288.211 |
| Stddev | 16.870 | 182.29 | 40.66 | 2.340 | 17.776 |
| %RSD | .5246062 | .2613503 | .2823282 | .1142186 | .4145318 |
| | | | | | |
| #1 | 3226.140 | 69540.69 | 14413.06 | 2046.758 | 4295.880 |
| #2 | 3224.717 | 69827.01 | 14435.68 | 2048.380 | 4300.865 |
| #3 | 3196.235 | 69879.31 | 14356.73 | 2051.371 | 4267.888 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-08 Acquired: 3/13/2025 13:40:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | -.002625 | -.003438 | .0068992 | .0027316 | .0011007 | .0586407 | .2000478 |
| Stddev | .002198 | .001142 | .0010946 | .0016477 | .0012627 | .0009920 | .0014247 |
| %RSD | 83.73234 | 33.21909 | 15.86558 | 60.32198 | 114.7108 | 1.691599 | .7121922 |
| #1 | -.000141 | -.004746 | .0056864 | .0025028 | .0009399 | .0594488 | .2013703 |
| #2 | -.003418 | -.002931 | .0078139 | .0012102 | -.000074 | .0589398 | .2002341 |
| #3 | -.004318 | -.002638 | .0071972 | .0044818 | .002436 | .0575336 | .1985392 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000010 | -.000016 | 4.777686 | .0005177 | .0008669 | .0146533 | .8427491 |
| Stddev | .000024 | .000019 | .024686 | .0006139 | .0001115 | .0005331 | .0084107 |
| %RSD | 233.4079 | 118.6997 | .5166973 | 118.6012 | 12.85800 | 3.637813 | .9980073 |
| #1 | .000015 | .000000 | 4.803499 | -.000191 | .0008085 | .0147038 | .8425973 |
| #2 | -.000012 | -.000037 | 4.775251 | .000900 | .0009954 | .0140968 | .8512348 |
| #3 | -.000033 | -.000011 | 4.754308 | .000843 | .0007967 | .0151593 | .8344154 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1780756 | 3.273904 | .0014324 | -.000305 | 357.8585 | .0098622 | .0966907 |
| Stddev | .0012773 | .009827 | .0001089 | .000133 | 5.1028 | .0012831 | .0000791 |
| %RSD | .7172496 | .3001576 | 7.604640 | 43.70829 | 1.425915 | 13.00988 | .0818345 |
| #1 | .1787180 | 3.284961 | .0015023 | -.000151 | 357.6603 | .0096782 | .0967003 |
| #2 | .1789041 | 3.266168 | .0014880 | -.000390 | 363.0575 | .0086810 | .0966072 |
| #3 | .1766047 | 3.270583 | .0013069 | -.000374 | 352.8578 | .0112272 | .0967646 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.105402 | .0530099 | .0008287 | -.000725 | .0014204 | .3552357 | .0277354 |
| Stddev | .010961 | .0009582 | .0001051 | .000517 | .0003594 | .0007467 | .0028771 |
| %RSD | .5206204 | 1.807509 | 12.67657 | 71.29088 | 25.30527 | .2102029 | 10.37329 |
| #1 | 2.103647 | .0521911 | .0007124 | -.001207 | .0017710 | .3548013 | .0253643 |
| #2 | 2.095424 | .0527749 | .0008571 | -.000179 | .0010527 | .3548078 | .0269057 |
| #3 | 2.117135 | .0540637 | .0009166 | -.000790 | .0014376 | .3560979 | .0309361 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-08 Acquired: 3/13/2025 13:40:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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 | 1.288158 | -.000044 | .0477026 |
| Stddev | .013449 | .000734 | .0003605 |
| %RSD | 1.044023 | 1670.000 | .7557486 |
| | | | |
| #1 | 1.302566 | -.000892 | .0479495 |
| #2 | 1.275936 | .000380 | .0478695 |
| #3 | 1.285973 | .000380 | .0472889 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3241.703 | 72057.90 | 14553.47 | 2117.619 | 4329.214 |
| Stddev | 26.728 | 215.87 | 34.22 | 4.552 | 32.054 |
| %RSD | .8244927 | .2995834 | .2351252 | .2149623 | .7404177 |
| | | | | | |
| #1 | 3239.670 | 72306.48 | 14516.34 | 2114.452 | 4317.682 |
| #2 | 3269.388 | 71917.55 | 14560.32 | 2115.569 | 4365.439 |
| #3 | 3216.049 | 71949.68 | 14583.74 | 2122.835 | 4304.521 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV02 Acquired: 3/13/2025 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 5.290119 | 5.111883 | 5.330192 | 5.179630 | 5.179698 | 10.43256 | 10.13034 |
| Stddev | .024030 | .014276 | .012705 | .030867 | .024458 | .02211 | .08553 |
| %RSD | .4542401 | .2792746 | .2383590 | .5959299 | .4721868 | .2119200 | .8442951 |
| #1 | 5.295455 | 5.100352 | 5.318414 | 5.172669 | 5.176973 | 10.41684 | 10.22299 |
| #2 | 5.263870 | 5.107445 | 5.328507 | 5.152838 | 5.156716 | 10.42300 | 10.11364 |
| #3 | 5.311033 | 5.127851 | 5.343656 | 5.213383 | 5.205404 | 10.45784 | 10.05440 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2675975 | 2.631688 | 26.04788 | 1.095199 | 2.605988 | 1.309816 | 5.129983 |
| Stddev | .0014060 | .006651 | .08345 | .003802 | .007822 | .007193 | .037791 |
| %RSD | .5254133 | .2527158 | .3203888 | .3471160 | .3001698 | .5491427 | .7366770 |
| #1 | .2688446 | 2.626314 | 26.03770 | 1.093051 | 2.600730 | 1.307313 | 5.103933 |
| #2 | .2660738 | 2.629625 | 25.96999 | 1.092957 | 2.602255 | 1.304210 | 5.112688 |
| #3 | .2678741 | 2.639126 | 26.13596 | 1.099588 | 2.614977 | 1.317926 | 5.173327 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.582733 | 26.13231 | 2.604565 | 1.313325 | 25.60062 | 2.604295 | 2.621727 |
| Stddev | .007004 | .09860 | .007952 | .001935 | .23524 | .005989 | .012206 |
| %RSD | .2711988 | .3773199 | .3053192 | .1473214 | .9188781 | .2299558 | .4655866 |
| #1 | 2.579123 | 26.15491 | 2.597367 | 1.315018 | 25.33137 | 2.597659 | 2.612675 |
| #2 | 2.578271 | 26.02437 | 2.603225 | 1.311216 | 25.70415 | 2.605930 | 2.616897 |
| #3 | 2.590806 | 26.21765 | 2.613101 | 1.313741 | 25.76634 | 2.609297 | 2.635609 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 25.10547 | 5.306765 | 5.212738 | 5.333363 | 5.111583 | 5.302202 | 5.350626 |
| Stddev | .11646 | .021233 | .023398 | .011661 | .014872 | .040815 | .022371 |
| %RSD | .4638695 | .4001176 | .4488705 | .2186473 | .2909566 | .7697813 | .4180930 |
| #1 | 24.97121 | 5.326172 | 5.207138 | 5.324742 | 5.097314 | 5.269352 | 5.335221 |
| #2 | 25.16613 | 5.284085 | 5.192648 | 5.328716 | 5.110440 | 5.289360 | 5.340373 |
| #3 | 25.17908 | 5.310037 | 5.238428 | 5.346631 | 5.126994 | 5.347894 | 5.376286 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV02 Acquired: 3/13/2025 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 5.103279 | 5.034187 | 5.169602 |
| Stddev | .026425 | .018289 | .048205 |
| %RSD | .5178099 | .3632896 | .9324748 |
| | | | |
| #1 | 5.087854 | 5.013421 | 5.218525 |
| #2 | 5.088191 | 5.041246 | 5.168132 |
| #3 | 5.133792 | 5.047894 | 5.122148 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3274.246 | 71628.30 | 14156.82 | 2085.973 | 4387.404 |
| Stddev | 10.144 | 146.41 | 60.75 | 5.900 | 7.165 |
| %RSD | .3098143 | .2044072 | .4291016 | .2828416 | .1633003 |
| | | | | | |
| #1 | 3272.593 | 71665.54 | 14107.37 | 2090.030 | 4391.226 |
| #2 | 3285.115 | 71752.50 | 14224.63 | 2088.685 | 4391.847 |
| #3 | 3265.030 | 71466.87 | 14138.45 | 2079.205 | 4379.139 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB02 Acquired: 3/13/2025 13:54:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.002280 | .0010326 | .0008389 | .0016854 | .0009020 | -.004972 | .0029080 |
| Stddev | .002535 | .0008243 | .0009164 | .0018411 | .0018758 | .002488 | .0013657 |
| %RSD | 111.1628 | 79.82309 | 109.2439 | 109.2419 | 207.9692 | 50.04360 | 46.96509 |
| #1 | -.001048 | .0001318 | .0008674 | .0019969 | -.000652 | -.006820 | .0044768 |
| #2 | -.005195 | .0012170 | -.000091 | .0033509 | .002986 | -.005952 | .0022630 |
| #3 | -.000597 | .0017491 | .001741 | -.000292 | .000372 | -.002143 | .0019842 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000242 | .0000043 | -.003695 | .0002783 | .0001673 | .0000795 | .0011773 |
| Stddev | .0000481 | .0001070 | .009120 | .0002007 | .0001656 | .0002768 | .0059662 |
| %RSD | 199.0110 | 2465.102 | 246.8146 | 72.11763 | 99.01127 | 348.3777 | 506.7776 |
| #1 | .0000747 | .0001189 | -.013722 | .0001651 | -.000021 | -.000080 | .0070739 |
| #2 | .0000190 | -.000013 | .004105 | .0005100 | .000289 | .000399 | -.004856 |
| #3 | -.000021 | -.000093 | -.001468 | .0001597 | .000235 | -.000081 | .001314 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000789 | .0014163 | -.000008 | .0004444 | .0238026 | .0002016 | -.000614 |
| Stddev | .000196 | .0092458 | .000059 | .0002183 | .0052493 | .0007890 | .000512 |
| %RSD | 24.85141 | 652.8079 | 697.8778 | 49.10764 | 22.05366 | 391.3962 | 83.47732 |
| #1 | -.000910 | -.008214 | .000021 | .0005842 | .0279769 | -.000550 | -.000024 |
| #2 | -.000895 | .002240 | -.000076 | .0005562 | .0179093 | .000132 | -.000872 |
| #3 | -.000563 | .010223 | .000029 | .0001930 | .0255216 | .001023 | -.000946 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0254096 | .0057616 | .0002665 | -.000536 | .0007145 | .0040165 | -.004289 |
| Stddev | .0084013 | .0001682 | .0002124 | .000241 | .0008010 | .0037582 | .000933 |
| %RSD | 33.06334 | 2.918570 | 79.72066 | 44.99583 | 112.1053 | 93.56926 | 21.74473 |
| #1 | .0222846 | .0059475 | .0004981 | -.000272 | .0016278 | .0056688 | -.003659 |
| #2 | .0190187 | .0056201 | .0000808 | -.000744 | .0003845 | .0066654 | -.005361 |
| #3 | .0349256 | .0057172 | .0002204 | -.000592 | .0001313 | -.000285 | -.003848 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB02 Acquired: 3/13/2025 13:54:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.003595 | .0017093 | .0001552 |
| Stddev | .002238 | .0005843 | .0003392 |
| %RSD | 62.26571 | 34.18407 | 218.5172 |
| | | | |
| #1 | -.005872 | .0016332 | .0005466 |
| #2 | -.001398 | .0011669 | -.000053 |
| #3 | -.003514 | .0023280 | -.000028 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3397.690 | 74150.87 | 14625.50 | 2166.226 | 4931.369 |
| Stddev | 11.149 | 230.61 | 18.19 | 8.050 | 14.611 |
| %RSD | .3281458 | .3109988 | .1243536 | .3716153 | .2962928 |
| | | | | | |
| #1 | 3405.446 | 73885.18 | 14628.46 | 2160.081 | 4935.110 |
| #2 | 3402.711 | 74268.39 | 14606.02 | 2175.338 | 4943.745 |
| #3 | 3384.913 | 74299.05 | 14642.03 | 2163.258 | 4915.250 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-10 Acquired: 3/13/2025 13:58:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.003931 | -.003630 | .0313954 | .0052712 | .0026052 | .1481312 | .1171170 |
| Stddev | .001741 | .000928 | .0016616 | .0032713 | .0013903 | .0030260 | .0007268 |
| %RSD | 44.29087 | 25.56019 | 5.292372 | 62.05988 | 53.36513 | 2.042785 | .6206037 |
| #1 | -.004225 | -.003674 | .0299663 | .0087608 | .0015593 | .1467889 | .1165598 |
| #2 | -.005507 | -.002681 | .0310014 | .0022741 | .0041829 | .1515961 | .1168520 |
| #3 | -.002062 | -.004535 | .0332186 | .0047787 | .0020734 | .1460085 | .1179391 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000173 | .0017164 | 5.483291 | -.000157 | .0082005 | 1.377312 | .0774091 |
| Stddev | .000051 | .0000485 | .015080 | .000043 | .0003638 | .006127 | .0030889 |
| %RSD | 29.38668 | 2.824214 | .2750254 | 27.71469 | 4.436218 | .4448276 | 3.990387 |
| #1 | -.000153 | .0017320 | 5.466747 | -.000206 | .0079426 | 1.374287 | .0794105 |
| #2 | -.000230 | .0016621 | 5.496268 | -.000124 | .0080422 | 1.373286 | .0789651 |
| #3 | -.000134 | .0017552 | 5.486858 | -.000140 | .0086166 | 1.384363 | .0738516 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5546195 | .4542265 | .0109296 | .0001075 | 340.0627 | -.001238 | .3374563 |
| Stddev | .0019078 | .0139051 | .0002476 | .0000658 | 1.8244 | .000551 | .0010659 |
| %RSD | .3439884 | 3.061279 | 2.265895 | 61.18069 | .5364781 | 44.55306 | .3158674 |
| #1 | .5534124 | .4502621 | .0110355 | .0000548 | 340.8385 | -.001855 | .3366832 |
| #2 | .5536271 | .4427341 | .0106466 | .0001812 | 337.9787 | -.000792 | .3370133 |
| #3 | .5568190 | .4696833 | .0111067 | .0000864 | 341.3710 | -.001066 | .3386722 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6884068 | .0157394 | .0003045 | -.000702 | .0016143 | .8932747 | .0051732 |
| Stddev | .0078937 | .0007566 | .0001235 | .000656 | .0001732 | .0086980 | .0022370 |
| %RSD | 1.146656 | 4.807370 | 40.56307 | 93.48810 | 10.72899 | .9737236 | 43.24262 |
| #1 | .6912304 | .0150743 | .0004337 | -.000851 | .0017106 | .9002261 | .0025993 |
| #2 | .6945004 | .0155812 | .0001876 | -.001270 | .0014144 | .8960771 | .0062709 |
| #3 | .6794897 | .0165626 | .0002923 | .000016 | .0017179 | .8835209 | .0066493 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-10 Acquired: 3/13/2025 13:58:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .3408979 | -.000472 | .0440281 |
| Stddev | .0034589 | .000717 | .0001080 |
| %RSD | 1.014639 | 151.9731 | .2453165 |
| | | | |
| #1 | .3446315 | .000332 | .0439259 |
| #2 | .3378026 | -.001045 | .0440173 |
| #3 | .3402597 | -.000703 | .0441411 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3143.542 | 69910.58 | 14106.72 | 2040.522 | 4192.665 |
| Stddev | 6.884 | 275.95 | 11.65 | 9.665 | 11.444 |
| %RSD | .2189871 | .3947208 | .0825931 | .4736375 | .2729455 |
| | | | | | |
| #1 | 3145.193 | 69640.81 | 14111.31 | 2037.377 | 4195.912 |
| #2 | 3149.450 | 69898.60 | 14115.38 | 2032.822 | 4202.134 |
| #3 | 3135.982 | 70192.32 | 14093.47 | 2051.368 | 4179.949 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-12 Acquired: 3/13/2025 14:02:47 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.002927 | .0892578 | .0040035 | .0018866 | .0489787 | .1181793 |
| Stddev | .001961 | .002650 | .0008938 | .0022716 | .0015558 | .0044335 | .0002710 |
| %RSD | 79.64598 | 90.54136 | 1.001339 | 56.73953 | 82.46594 | 9.051824 | .2292773 |
| #1 | -.002080 | -.005787 | .0882958 | .0047997 | .0019972 | .0518431 | .1184914 |
| #2 | -.004585 | -.000555 | .0900623 | .0014410 | .0033842 | .0512209 | .1180428 |
| #3 | -.000720 | -.002438 | .0894154 | .0057699 | .0002785 | .0438720 | .1180038 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000090 | .0010515 | 4.765159 | .0001536 | .0034400 | .4860164 | 2.003688 |
| Stddev | .000038 | .0001366 | .019615 | .0006546 | .0000687 | .0012040 | .013962 |
| %RSD | 41.81277 | 12.99265 | .4116361 | 426.1200 | 1.997672 | .2477256 | .6967944 |
| #1 | -.000090 | .0011990 | 4.787392 | .0008611 | .0034047 | .4854044 | 2.007198 |
| #2 | -.000052 | .0010260 | 4.750298 | -.000431 | .0035192 | .4852413 | 1.988306 |
| #3 | -.000128 | .0009294 | 4.757786 | .000030 | .0033961 | .4874034 | 2.015559 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4124520 | 1.995955 | .0104666 | .0000785 | 337.6491 | .0018118 | .4479119 |
| Stddev | .0007588 | .003548 | .0001873 | .0000159 | 2.2539 | .0009114 | .0017301 |
| %RSD | .1839626 | .1777494 | 1.789279 | 20.26981 | .6675167 | 50.30683 | .3862663 |
| #1 | .4119055 | 2.000051 | .0104990 | .0000629 | 340.0122 | .0007942 | .4494606 |
| #2 | .4133183 | 1.993908 | .0102652 | .0000777 | 337.4119 | .0025532 | .4460446 |
| #3 | .4121323 | 1.993905 | .0106355 | .0000947 | 335.5232 | .0020879 | .4482306 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.217527 | .0244755 | .0000540 | -.000308 | .0008212 | 1.008176 | .0060207 |
| Stddev | .018846 | .0003955 | .0000241 | .000131 | .0001527 | .000788 | .0014172 |
| %RSD | 1.547896 | 1.615927 | 44.64773 | 42.67455 | 18.59677 | .0781834 | 23.53885 |
| #1 | 1.195767 | .0244505 | .0000271 | -.000405 | .0006555 | 1.009012 | .0076549 |
| #2 | 1.228189 | .0248829 | .0000614 | -.000158 | .0009562 | 1.007446 | .0051294 |
| #3 | 1.228625 | .0240931 | .0000736 | -.000361 | .0008520 | 1.008069 | .0052778 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-12 Acquired: 3/13/2025 14:02:47 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .3012202 | .0030530 | .0565154 |
| Stddev | .0060251 | .0014988 | .0000988 |
| %RSD | 2.000233 | 49.09527 | .1747830 |
| | | | |
| #1 | .2942678 | .0040582 | .0564239 |
| #2 | .3044741 | .0037704 | .0565023 |
| #3 | .3049189 | .0013302 | .0566201 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3213.148 | 69999.67 | 14675.47 | 2091.957 | 4279.821 |
| Stddev | 9.090 | 489.58 | 83.28 | 15.726 | 16.867 |
| %RSD | .2828890 | .6993986 | .5674465 | .7517524 | .3940968 |
| | | | | | |
| #1 | 3215.422 | 69545.32 | 14585.93 | 2075.346 | 4280.256 |
| #2 | 3220.884 | 70518.15 | 14689.88 | 2106.617 | 4296.466 |
| #3 | 3203.137 | 69935.53 | 14750.60 | 2093.907 | 4262.741 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-14 Acquired: 3/13/2025 14:07:11 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .1149075 | .0073878 | 1.907094 | -.016749 | .0085376 | 61.97365 |
| Stddev | .0015472 | .0023134 | .011396 | .002640 | .0009907 | .80701 |
| %RSD | 1.346496 | 31.31346 | .5975468 | 15.76013 | 11.60421 | 1.302178 |
| #1 | .1132502 | .0086147 | 1.895644 | -.019022 | .0093297 | 62.42768 |
| #2 | .1163140 | .0047194 | 1.907205 | -.013854 | .0074267 | 61.04190 |
| #3 | .1151583 | .0088293 | 1.918435 | -.017372 | .0088564 | 62.45138 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4428631 | .0041712 | .0025746 | 71.95883 | .1382525 | .0560422 |
| Stddev | .0053026 | .0000287 | .0003143 | 1.04798 | .0009160 | .0005443 |
| %RSD | 1.197352 | .6884079 | 12.20854 | 1.456360 | .6625624 | .9711804 |
| #1 | .4470775 | .0041415 | .0022328 | 72.57282 | .1379983 | .0555397 |
| #2 | .4369092 | .0041733 | .0026399 | 70.74877 | .1374904 | .0559665 |
| #3 | .4446026 | .0041988 | .0028512 | 72.55491 | .1392687 | .0566204 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.18969 | 150.0268 | 7.634696 | 19.03100 | .1943418 | .0076163 |
| Stddev | .17875 | .3713 | .104549 | .30919 | .0019855 | .0002775 |
| %RSD | .7389688 | .2474957 | 1.369393 | 1.624681 | 1.021652 | 3.643617 |
| #1 | 24.02872 | 150.3734 | 7.701935 | 19.16796 | .1921144 | .0077139 |
| #2 | 24.15829 | 149.6350 | 7.514245 | 18.67698 | .1949853 | .0073032 |
| #3 | 24.38206 | 150.0720 | 7.687907 | 19.24806 | .1959258 | .0078319 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 27.98161 | .1350665 | 3.521352 | 16.55806 | -.008251 | .0165670 |
| Stddev | .09154 | .0040271 | .015103 | .02022 | .002247 | .0004032 |
| %RSD | .3271511 | 2.981596 | .4289013 | .1221116 | 27.23596 | 2.433942 |
| #1 | 28.02821 | .1372331 | 3.511445 | 16.56230 | -.008257 | .0164275 |
| #2 | 28.04047 | .1304199 | 3.513875 | 16.53605 | -.006001 | .0162520 |
| #3 | 27.87614 | .1375466 | 3.538735 | 16.57581 | -.010496 | .0170214 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-14 Acquired: 3/13/2025 14:07:11 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .1002447 | 1.149754 | F 67.86288 | 2.604508 | F 10.55773 | .1209384 |
| Stddev | .0009314 | .016567 | .27132 | .016751 | .06873 | .0014299 |
| %RSD | .9291005 | 1.440933 | .3998005 | .6431552 | .6509845 | 1.182298 |
| #1 | .0993299 | 1.163797 | 67.66289 | 2.588004 | 10.48148 | .1212882 |
| #2 | .1011918 | 1.131482 | 67.75404 | 2.604025 | 10.57680 | .1193661 |
| #3 | .1002126 | 1.153983 | 68.17172 | 2.621496 | 10.61492 | .1221609 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .6261898 |
| Stddev | .0084858 |
| %RSD | 1.355149 |
| #1 | .6328412 |
| #2 | .6166329 |
| #3 | .6290953 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3295.224 | 74978.77 | 14551.76 | 2180.824 | 4387.775 |
| Stddev | 26.784 | 153.78 | 195.76 | 5.647 | 33.268 |
| %RSD | .8128049 | .2051038 | 1.345239 | .2589413 | .7581925 |
| #1 | 3315.565 | 75122.86 | 14456.99 | 2181.312 | 4416.704 |
| #2 | 3305.229 | 74996.59 | 14776.87 | 2186.212 | 4395.198 |
| #3 | 3264.878 | 74816.85 | 14421.44 | 2174.949 | 4351.423 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-01 Acquired: 3/13/2025 14:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0333917 | .0029519 | .2188027 | -.024995 | -.005585 | 144.0984 | .6837014 |
| Stddev | .0009330 | .0033856 | .0001695 | .004997 | .001072 | .8645 | .0024557 |
| %RSD | 2.794054 | 114.6894 | .0774589 | 19.99045 | 19.18827 | .5999681 | .3591761 |
| #1 | .0344137 | .0041091 | .2188872 | -.027031 | -.004613 | 143.3101 | .6810014 |
| #2 | .0325856 | -.000860 | .2186076 | -.019302 | -.006734 | 143.9621 | .6843012 |
| #3 | .0331758 | .005607 | .2189133 | -.028652 | -.005407 | 145.0230 | .6858017 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0087407 | -.006418 | 19.97422 | .2105225 | .1112622 | .2238614 | 250.1534 |
| Stddev | .0001747 | .000156 | .12460 | .0009075 | .0004109 | .0004712 | .4718 |
| %RSD | 1.998402 | 2.437630 | .6238289 | .4310676 | .3693242 | .2104970 | .1886027 |
| #1 | .0085837 | -.006566 | 19.87640 | .2099661 | .1109556 | .2241035 | 250.1723 |
| #2 | .0087095 | -.006254 | 19.93176 | .2100317 | .1111020 | .2241624 | 249.6724 |
| #3 | .0089289 | -.006435 | 20.11451 | .2115697 | .1117292 | .2233184 | 250.6155 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.622742 | 35.83816 | .2026622 | .0007497 | 7.737120 | .3876571 | .4384553 |
| Stddev | .020270 | .27080 | .0005345 | .0001479 | .044876 | .0029715 | .0026550 |
| %RSD | .5595124 | .7556061 | .2637152 | 19.72949 | .5800045 | .7665242 | .6055307 |
| #1 | 3.601006 | 35.67299 | .2020712 | .0005898 | 7.716519 | .3850962 | .4367713 |
| #2 | 3.626093 | 35.69081 | .2028037 | .0007776 | 7.788597 | .3869598 | .4370787 |
| #3 | 3.641128 | 36.15068 | .2031116 | .0008816 | 7.706244 | .3909152 | .4415158 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.307072 | -.251612 | .0016132 | .0086851 | 4.651775 | 8.692891 | 5.507975 |
| Stddev | .008004 | .008654 | .0003083 | .0005422 | .027228 | .018763 | .031862 |
| %RSD | .0859955 | 3.439584 | 19.10937 | 6.243381 | .5853293 | .2158417 | .5784667 |
| #1 | 9.313877 | -.243998 | .0019467 | .0081250 | 4.626405 | 8.695461 | 5.471281 |
| #2 | 9.298254 | -.249815 | .0013388 | .0087228 | 4.648378 | 8.672975 | 5.524006 |
| #3 | 9.309086 | -.261024 | .0015541 | .0092075 | 4.680542 | 8.710236 | 5.528637 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-01 Acquired: 3/13/2025 14:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 1.487577 | .2279997 | .0869256 |
| Stddev | .012186 | .0003297 | .0003224 |
| %RSD | .8192055 | .1445933 | .3708908 |
| | | | |
| #1 | 1.476221 | .2281640 | .0865757 |
| #2 | 1.486059 | .2276202 | .0869906 |
| #3 | 1.500452 | .2282150 | .0872106 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3741.539 | 81478.65 | 17233.14 | 2403.678 | 4278.033 |
| Stddev | 10.870 | 353.67 | 140.84 | 14.884 | 12.984 |
| %RSD | .2905153 | .4340672 | .8172699 | .6192075 | .3035067 |
| | | | | | |
| #1 | 3753.964 | 81602.55 | 17355.45 | 2412.147 | 4292.945 |
| #2 | 3736.868 | 81753.71 | 17264.82 | 2412.394 | 4271.923 |
| #3 | 3733.786 | 81079.70 | 17079.16 | 2386.492 | 4269.231 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-03 Acquired: 3/13/2025 14:15:20 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0263588 | .0035633 | .1037443 | -.017240 | -.003347 | 71.46085 | .5644663 |
| Stddev | .0025518 | .0015731 | .0013703 | .003088 | .001123 | .12540 | .0013084 |
| %RSD | 9.681026 | 44.14697 | 1.320807 | 17.91431 | 33.55492 | .1754857 | .2317990 |
| #1 | .0240721 | .0052875 | .1035064 | -.015779 | -.004640 | 71.31702 | .5639188 |
| #2 | .0258928 | .0022064 | .1025086 | -.015153 | -.002624 | 71.54727 | .5659595 |
| #3 | .0291115 | .0031959 | .1052180 | -.020788 | -.002775 | 71.51825 | .5635206 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0059972 | -.005371 | 15.58709 | .1680132 | .0727393 | .2494948 | 155.1596 |
| Stddev | .0000524 | .000181 | .01833 | .0004616 | .0006423 | .0020027 | .5865 |
| %RSD | .8744838 | 3.365437 | .1176287 | .2747097 | .8830109 | .8027080 | .3779902 |
| #1 | .0059695 | -.005567 | 15.56700 | .1675034 | .0722309 | .2480105 | 155.7843 |
| #2 | .0060577 | -.005337 | 15.59135 | .1681334 | .0725258 | .2487013 | 154.6208 |
| #3 | .0059644 | -.005210 | 15.60291 | .1684027 | .0734611 | .2517727 | 155.0737 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.169391 | 16.10349 | .1156860 | .0005917 | .9685568 | .1891067 | .2536150 |
| Stddev | .000405 | .03748 | .0004555 | .0000993 | .0104341 | .0002733 | .0013063 |
| %RSD | .0345968 | .2327627 | .3937159 | 16.78329 | 1.077287 | .1445264 | .5150735 |
| #1 | 1.168942 | 16.07478 | .1160890 | .0007036 | .9686215 | .1887945 | .2550306 |
| #2 | 1.169506 | 16.14589 | .1151919 | .0005139 | .9789584 | .1893032 | .2533583 |
| #3 | 1.169726 | 16.08980 | .1157772 | .0005576 | .9580904 | .1892222 | .2524561 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.457138 | -.210807 | .0114914 | .0054080 | 2.125585 | 6.817813 | 4.508949 |
| Stddev | .011409 | .004093 | .0000922 | .0001974 | .002761 | .028368 | .026449 |
| %RSD | .1766927 | 1.941774 | .8025525 | 3.649185 | .1298801 | .4160871 | .5865903 |
| #1 | 6.449582 | -.206234 | .0114975 | .0052121 | 2.122485 | 6.841579 | 4.504502 |
| #2 | 6.470262 | -.214127 | .0115804 | .0054051 | 2.127778 | 6.786407 | 4.485005 |
| #3 | 6.451569 | -.212061 | .0113963 | .0056068 | 2.126494 | 6.825451 | 4.537339 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-03 Acquired: 3/13/2025 14:15:20 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 5.067260 | .1342781 | .0916758 |
| Stddev | .013832 | .0003689 | .0000138 |
| %RSD | .2729666 | .2747209 | .0150160 |
| | | | |
| #1 | 5.063163 | .1340254 | .0916645 |
| #2 | 5.055940 | .1341076 | .0916717 |
| #3 | 5.082678 | .1347014 | .0916911 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3676.648 | 80976.07 | 16564.37 | 2374.317 | 4480.813 |
| Stddev | 11.411 | 96.74 | 54.03 | 4.260 | 20.877 |
| %RSD | .3103631 | .1194654 | .3261574 | .1794356 | .4659151 |
| | | | | | |
| #1 | 3679.778 | 80876.14 | 16624.48 | 2369.626 | 4484.937 |
| #2 | 3686.166 | 80982.80 | 16519.87 | 2375.378 | 4499.320 |
| #3 | 3663.998 | 81069.26 | 16548.75 | 2377.946 | 4458.182 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-05 Acquired: 3/13/2025 14:19:27 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0732074 | .0095671 | 2.355033 | -.040120 | -.003827 | 161.7785 | 1.446486 |
| Stddev | .0024937 | .0030317 | .018629 | .001719 | .004312 | .2980 | .002005 |
| %RSD | 3.406292 | 31.68882 | .7910192 | 4.283428 | 112.6565 | .1842150 | .1386031 |
| #1 | .0704497 | .0077481 | 2.353123 | -.038790 | -.006752 | 161.4346 | 1.445728 |
| #2 | .0738692 | .0078863 | 2.337432 | -.042061 | -.005854 | 161.9606 | 1.448759 |
| #3 | .0753035 | .0130670 | 2.374543 | -.039511 | .001124 | 161.9404 | 1.444970 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0152343 | .0022638 | 26.15869 | .2827217 | .1776444 | 3.851773 | 297.1157 |
| Stddev | .0000460 | .0003737 | .05381 | .0004920 | .0012007 | .022851 | .5791 |
| %RSD | .3019046 | 16.50971 | .2057056 | .1740140 | .6759053 | .5932515 | .1948963 |
| #1 | .0152716 | .0022587 | 26.18167 | .2826109 | .1778221 | 3.839019 | 296.5652 |
| #2 | .0151829 | .0018926 | 26.19720 | .2822945 | .1763647 | 3.838145 | 297.0623 |
| #3 | .0152485 | .0026400 | 26.09721 | .2832596 | .1787463 | 3.878153 | 297.7196 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.758579 | 58.48987 | .3464646 | .0023369 | 1.228855 | .3499633 | 1.825455 |
| Stddev | .014452 | .09394 | .0036121 | .0004220 | .011696 | .0025384 | .006836 |
| %RSD | .1862688 | .1606100 | 1.042571 | 18.05867 | .9518117 | .7253445 | .3744679 |
| #1 | 7.767746 | 58.56515 | .3441667 | .0026072 | 1.235890 | .3506706 | 1.818047 |
| #2 | 7.766071 | 58.51986 | .3445990 | .0025529 | 1.215354 | .3520731 | 1.831520 |
| #3 | 7.741919 | 58.38459 | .3506280 | .0018506 | 1.235323 | .3471462 | 1.826798 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.64480 | -.348928 | .0236608 | .0483443 | 3.606907 | 7.362039 | 9.428104 |
| Stddev | .12152 | .003625 | .0007359 | .0010198 | .003832 | .033301 | .080223 |
| %RSD | .5614488 | 1.038828 | 3.110372 | 2.109497 | .1062455 | .4523360 | .8508933 |
| #1 | 21.54119 | -.350551 | .0238692 | .0471683 | 3.609733 | 7.330420 | 9.371604 |
| #2 | 21.61465 | -.351457 | .0228431 | .0488784 | 3.608443 | 7.358897 | 9.392780 |
| #3 | 21.77856 | -.344775 | .0242700 | .0489861 | 3.602545 | 7.396800 | 9.519927 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-05 Acquired: 3/13/2025 14:19:27 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 4.268355 | .3938132 | .2736249 |
| Stddev | .037934 | .0005634 | .0003543 |
| %RSD | .8887315 | .1430750 | .1294766 |
| | | | |
| #1 | 4.237635 | .3932247 | .2733130 |
| #2 | 4.256674 | .3938670 | .2740101 |
| #3 | 4.310756 | .3943478 | .2735516 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3888.350 | 85419.60 | 18074.48 | 2495.957 | 4228.665 |
| Stddev | 15.981 | 254.87 | 45.74 | 4.854 | 26.222 |
| %RSD | .4110059 | .2983764 | .2530413 | .1944657 | .6200921 |
| | | | | | |
| #1 | 3893.888 | 85711.98 | 18057.47 | 2500.107 | 4239.193 |
| #2 | 3900.825 | 85302.55 | 18039.69 | 2497.144 | 4247.987 |
| #3 | 3870.336 | 85244.28 | 18126.29 | 2490.620 | 4198.816 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-07 Acquired: 3/13/2025 14:23:29 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0422154 | .0059359 | .1237381 | -.020734 | -.004092 | 101.2748 |
| Stddev | .0007997 | .0014140 | .0008954 | .002478 | .003312 | .1240 |
| %RSD | 1.894330 | 23.82191 | .7236225 | 11.95069 | 80.95627 | .1224526 |
| #1 | .0429836 | .0072123 | .1227055 | -.022905 | -.006101 | 101.1469 |
| #2 | .0413876 | .0061794 | .1242094 | -.021262 | -.005905 | 101.2831 |
| #3 | .0422750 | .0044159 | .1242995 | -.018034 | -.000268 | 101.3945 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1639439 | .0063451 | -.006935 | 8.700587 | .1595739 | .1071594 |
| Stddev | .0010338 | .0000925 | .000189 | .012540 | .0012838 | .0003448 |
| %RSD | .6306055 | 1.457205 | 2.718834 | .1441224 | .8045245 | .3217500 |
| #1 | .1632852 | .0063127 | -.007117 | 8.711849 | .1581266 | .1067856 |
| #2 | .1651355 | .0064494 | -.006741 | 8.702837 | .1600198 | .1074649 |
| #3 | .1634110 | .0062731 | -.006946 | 8.687075 | .1605753 | .1072279 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1906356 | 185.9878 | 1.268144 | 20.90144 | .1372508 | .0003612 |
| Stddev | .0007590 | .5946 | .002676 | .08926 | .0006825 | .0002733 |
| %RSD | .3981560 | .3196786 | .2110059 | .4270338 | .4972294 | 75.65864 |
| #1 | .1897669 | 186.0962 | 1.268550 | 20.85405 | .1368239 | .0006010 |
| #2 | .1911704 | 185.3466 | 1.265288 | 20.84587 | .1380379 | .0000636 |
| #3 | .1909696 | 186.5208 | 1.270594 | 21.00439 | .1368906 | .0004191 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.870801 | .2931575 | .4978260 | 6.869913 | -.214454 | .0071510 |
| Stddev | .005034 | .0009866 | .0024724 | .022388 | .005822 | .0002876 |
| %RSD | .1753496 | .3365436 | .4966343 | .3258886 | 2.714938 | 4.021655 |
| #1 | 2.871359 | .2940730 | .4956940 | 6.844338 | -.207798 | .0068318 |
| #2 | 2.875533 | .2932869 | .4972477 | 6.879430 | -.218602 | .0072315 |
| #3 | 2.865511 | .2921126 | .5005363 | 6.885969 | -.216962 | .0073898 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-07 Acquired: 3/13/2025 14:23:29 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0081576 | 2.387520 | 6.977309 | 7.897429 | F 119.0982 | .2015331 |
| Stddev | .0006401 | .001918 | .014601 | .032684 | .5357 | .0017358 |
| %RSD | 7.846426 | .0803281 | .2092632 | .4138529 | .4497853 | .8612777 |
| #1 | .0081588 | 2.388869 | 6.970920 | 7.860187 | 118.5237 | .2015095 |
| #2 | .0075169 | 2.385325 | 6.966993 | 7.921341 | 119.5840 | .1998092 |
| #3 | .0087971 | 2.388366 | 6.994016 | 7.910759 | 119.1868 | .2032805 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0968887 |
| Stddev | .0002660 |
| %RSD | .2745010 |
| #1 | .0969400 |
| #2 | .0966008 |
| #3 | .0971253 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3554.849 | 79138.04 | 16299.49 | 2355.319 | 4413.470 |
| Stddev | 9.471 | 192.00 | 39.96 | 5.645 | 14.398 |
| %RSD | .2664318 | .2426102 | .2451395 | .2396701 | .3262299 |
| #1 | 3565.786 | 79340.23 | 16345.46 | 2353.329 | 4429.222 |
| #2 | 3549.465 | 79115.69 | 16273.08 | 2361.690 | 4400.989 |
| #3 | 3549.298 | 78958.20 | 16279.93 | 2350.939 | 4410.198 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-09 Acquired: 3/13/2025 14:27:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .1985622 | .0163514 | 4.221565 | -.058933 | .0073166 | 116.7843 | .9398564 |
| Stddev | .0022911 | .0017272 | .008134 | .003626 | .0017856 | .2835 | .0026252 |
| %RSD | 1.153843 | 10.56312 | .1926822 | 6.152549 | 24.40495 | .2427881 | .2793166 |
| #1 | .2011895 | .0161071 | 4.223968 | -.055714 | .0057733 | 116.6051 | .9397623 |
| #2 | .1975173 | .0181878 | 4.212500 | -.058226 | .0069041 | 116.6365 | .9372796 |
| #3 | .1969799 | .0147594 | 4.228227 | -.062861 | .0092723 | 117.1112 | .9425274 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0122756 | .0053010 | 127.9534 | .3340634 | .1380582 | 19.40453 | 392.5705 |
| Stddev | .0000584 | .0008431 | .4100 | .0022183 | .0006186 | .04031 | 3.0211 |
| %RSD | .4761881 | 15.90428 | .3204380 | .6640242 | .4480426 | .2077334 | .7695647 |
| #1 | .0122465 | .0043874 | 128.3091 | .3325685 | .1376093 | 19.38124 | 395.9582 |
| #2 | .0123429 | .0054668 | 127.5050 | .3330096 | .1378016 | 19.38128 | 391.5974 |
| #3 | .0122373 | .0060490 | 128.0461 | .3366121 | .1387638 | 19.45108 | 390.1559 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 12.50446 | 24.63379 | .3440858 | -.002636 | 3.736649 | .4354865 | 3.907813 |
| Stddev | .03864 | .04934 | .0013434 | .000574 | .030357 | .0014902 | .009080 |
| %RSD | .3090126 | .2002934 | .3904249 | 21.77634 | .8124122 | .3422000 | .2323452 |
| #1 | 12.53653 | 24.65985 | .3437057 | -.002539 | 3.745479 | .4372030 | 3.918266 |
| #2 | 12.46156 | 24.57688 | .3429734 | -.002117 | 3.702856 | .4347326 | 3.901891 |
| #3 | 12.51530 | 24.66463 | .3455783 | -.003253 | 3.761612 | .4345239 | 3.903281 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.64752 | -.707228 | .0254976 | 1.266817 | 5.548004 | 9.310163 | 6.415174 |
| Stddev | .08300 | .014614 | .0002536 | .003854 | .011446 | .059661 | .007765 |
| %RSD | .7126314 | 2.066418 | .9943904 | .3041949 | .2063158 | .6408142 | .1210415 |
| #1 | 11.70051 | -.691003 | .0255145 | 1.266296 | 5.549336 | 9.311889 | 6.408250 |
| #2 | 11.55186 | -.719359 | .0252361 | 1.263251 | 5.535950 | 9.249658 | 6.413702 |
| #3 | 11.69020 | -.711321 | .0257423 | 1.270905 | 5.558727 | 9.368942 | 6.423569 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-09 Acquired: 3/13/2025 14:27:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 8.694876 | .2338540 | .8096590 |
| Stddev | .032782 | .0002146 | .0015100 |
| %RSD | .3770301 | .0917708 | .1864957 |
| #1 | 8.669422 | .2340026 | .8105267 |
| #2 | 8.683339 | .2336080 | .8079155 |
| #3 | 8.731867 | .2339515 | .8105349 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3478.087 | 78072.99 | 14938.90 | 2287.365 | 4236.512 |
| Stddev | 7.186 | 183.14 | 10.17 | 7.725 | 8.603 |
| %RSD | .2066158 | .2345706 | .0681037 | .3377206 | .2030567 |
| #1 | 3482.801 | 77985.09 | 14939.01 | 2278.822 | 4237.690 |
| #2 | 3481.644 | 78283.51 | 14928.67 | 2289.416 | 4244.465 |
| #3 | 3469.816 | 77950.38 | 14949.02 | 2293.858 | 4227.382 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-11 Acquired: 3/13/2025 14:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0359756 | .0129731 | .2148719 | -.020255 | -.004512 | 76.90080 |
| Stddev | .0010018 | .0009423 | .0008266 | .002270 | .000776 | .10532 |
| %RSD | 2.784526 | 7.263346 | .3846783 | 11.20678 | 17.19022 | .1369562 |
| #1 | .0348297 | .0118990 | .2156466 | -.022634 | -.004066 | 76.78055 |
| #2 | .0366852 | .0136605 | .2140018 | -.020016 | -.005407 | 76.94522 |
| #3 | .0364119 | .0133598 | .2149672 | -.018113 | -.004062 | 76.97664 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1522217 | .0052892 | -.008595 | 12.89407 | .1150730 | .0434041 |
| Stddev | .0007907 | .0000466 | .000247 | .02245 | .0005693 | .0001349 |
| %RSD | .5194644 | .8802758 | 2.871485 | .1741065 | .4947436 | .3108865 |
| #1 | .1530749 | .0052428 | -.008598 | 12.87420 | .1157301 | .0435597 |
| #2 | .1515136 | .0052887 | -.008841 | 12.88958 | .1147610 | .0433334 |
| #3 | .1520765 | .0053359 | -.008347 | 12.91842 | .1147279 | .0433192 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.189372 | 202.1766 | 1.112497 | 22.84836 | .1067159 | -.000547 |
| Stddev | .005651 | .5531 | .003192 | .07013 | .0001063 | .000371 |
| %RSD | .4751182 | .2735642 | .2869247 | .3069473 | .0996010 | 67.82823 |
| #1 | 1.191903 | 202.7339 | 1.114992 | 22.84239 | .1066018 | -.000220 |
| #2 | 1.182898 | 201.6279 | 1.113600 | 22.78141 | .1067339 | -.000950 |
| #3 | 1.193315 | 202.1679 | 1.108900 | 22.92129 | .1068121 | -.000471 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.704066 | .1388760 | .6544242 | 6.030659 | -.227601 | .0371810 |
| Stddev | .026234 | .0026318 | .0004808 | .005947 | .002073 | .0002797 |
| %RSD | .3913175 | 1.895041 | .0734740 | .0986133 | .9109477 | .7521786 |
| #1 | 6.733870 | .1417025 | .6541688 | 6.023871 | -.225348 | .0372278 |
| #2 | 6.693862 | .1384295 | .6541249 | 6.033153 | -.228027 | .0368809 |
| #3 | 6.684468 | .1364961 | .6549788 | 6.034953 | -.229428 | .0374344 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-11 Acquired: 3/13/2025 14:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0902699 | 1.528987 | F 11.55768 | 3.856411 | F 157.2399 | .3403364 |
| Stddev | .0014719 | .002439 | .01530 | .021765 | 1.2108 | .0010421 |
| %RSD | 1.630586 | .1595286 | .1324119 | .5643962 | .7700634 | .3062040 |
| #1 | .0914976 | 1.530319 | 11.55784 | 3.866769 | 158.0109 | .3406266 |
| #2 | .0886381 | 1.530471 | 11.54230 | 3.831401 | 155.8443 | .3412026 |
| #3 | .0906740 | 1.526172 | 11.57291 | 3.871064 | 157.8646 | .3391799 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1784447 |
| Stddev | .0003101 |
| %RSD | .1738010 |
| #1 | .1788026 |
| #2 | .1782765 |
| #3 | .1782550 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3547.018 | 77980.10 | 15899.55 | 2283.585 | 4599.503 |
| Stddev | 16.686 | 210.69 | 34.38 | 8.071 | 24.407 |
| %RSD | .4704275 | .2701886 | .2162530 | .3534468 | .5306509 |
| #1 | 3542.309 | 77812.83 | 15863.77 | 2283.304 | 4588.105 |
| #2 | 3565.553 | 78216.73 | 15932.35 | 2291.793 | 4627.524 |
| #3 | 3533.193 | 77910.74 | 15902.51 | 2275.658 | 4582.880 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1491-02 Acquired: 3/13/2025 14:35:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.000757 | .0009223 | .0421633 | .0011808 | .0274114 | 2.249775 |
| Stddev | .001900 | .0012139 | .0004207 | .0024484 | .0004351 | .004185 |
| %RSD | 251.0161 | 131.6120 | .9978788 | 207.3451 | 1.587236 | .1860187 |
| #1 | .001428 | .0014875 | .0423660 | .0026060 | .0269095 | 2.254591 |
| #2 | -.002019 | -.000471 | .0424444 | .0025828 | .0276816 | 2.247015 |
| #3 | -.001679 | .001751 | .0416796 | -.001646 | .0276430 | 2.247720 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1452827 | .0002665 | .0024803 | 25.10912 | .0344049 | .0044210 |
| Stddev | .0016309 | .0000647 | .0000316 | .03922 | .0009129 | .0001910 |
| %RSD | 1.122597 | 24.27388 | 1.272837 | .1561951 | 2.653329 | 4.320847 |
| #1 | .1467677 | .0001964 | .0024942 | 25.13080 | .0334674 | .0042039 |
| #2 | .1455433 | .0003239 | .0024442 | 25.13271 | .0352910 | .0044962 |
| #3 | .1435372 | .0002792 | .0025025 | 25.06385 | .0344564 | .0045631 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2448517 | 17.77591 | .2191223 | 6.080847 | .0386310 | .0017095 |
| Stddev | .0015825 | .12046 | .0006166 | .026458 | .0000434 | .0002871 |
| %RSD | .6463099 | .6776720 | .2813895 | .4351062 | .1122494 | 16.79379 |
| #1 | .2446900 | 17.72499 | .2198320 | 6.105927 | .0386621 | .0020258 |
| #2 | .2433562 | 17.91347 | .2188167 | 6.083415 | .0385815 | .0016374 |
| #3 | .2465088 | 17.68926 | .2187181 | 6.053198 | .0386495 | .0014654 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 521.4326 | .0064699 | .9545760 | 22.51925 | .1418616 | .0148925 |
| Stddev | 5.6104 | .0004684 | .0028510 | .22685 | .0008330 | .0002587 |
| %RSD | 1.075968 | 7.239579 | .2986721 | 1.007370 | .5871631 | 1.737263 |
| #1 | 518.1732 | .0059375 | .9538824 | 22.43084 | .1412375 | .0146094 |
| #2 | 527.9109 | .0068183 | .9577099 | 22.77700 | .1428075 | .0149516 |
| #3 | 518.2136 | .0066540 | .9521358 | 22.34992 | .1415399 | .0151166 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1491-02 Acquired: 3/13/2025 14:35:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0103281 | .0462200 | F 26.83775 | 7.436160 | F 29.30218 | .0212625 |
| Stddev | .0002978 | .0021708 | .23627 | .015635 | .16020 | .0014276 |
| %RSD | 2.883775 | 4.696630 | .8803717 | .2102566 | .5467251 | 6.714085 |
| #1 | .0103410 | .0463166 | 26.70667 | 7.437631 | 29.13410 | .0197523 |
| #2 | .0100240 | .0483409 | 27.11051 | 7.419842 | 29.31930 | .0225898 |
| #3 | .0106192 | .0440026 | 26.69608 | 7.451008 | 29.45313 | .0214453 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2846994 |
| Stddev | .0004825 |
| %RSD | .1694665 |
| #1 | .2843395 |
| #2 | .2852476 |
| #3 | .2845110 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3122.176 | 67758.89 | 14661.92 | 2006.860 | 4060.174 |
| Stddev | 18.174 | 325.18 | 50.37 | 4.696 | 19.041 |
| %RSD | .5820827 | .4799148 | .3435697 | .2340068 | .4689592 |
| #1 | 3133.593 | 67826.74 | 14608.24 | 2007.387 | 4072.366 |
| #2 | 3131.717 | 67405.14 | 14708.17 | 2001.922 | 4069.923 |
| #3 | 3101.219 | 68044.80 | 14669.34 | 2011.270 | 4038.233 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV03 Acquired: 3/13/2025 14:40:03 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 5.126470 | 4.970811 | 5.152736 | 5.055544 | 5.043876 | 10.10511 | 9.834531 |
| Stddev | .016724 | .035254 | .004956 | .013263 | .008251 | .03682 | .049718 |
| %RSD | .3262274 | .7092144 | .0961789 | .2623434 | .1635899 | .3643905 | .5055499 |
| #1 | 5.141992 | 4.980244 | 5.157747 | 5.063759 | 5.053394 | 10.11934 | 9.810358 |
| #2 | 5.128659 | 5.000389 | 5.152623 | 5.062629 | 5.039487 | 10.06329 | 9.801521 |
| #3 | 5.108760 | 4.931800 | 5.147837 | 5.040243 | 5.038747 | 10.13269 | 9.891713 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2606511 | 2.544894 | 25.10587 | 1.054834 | 2.523681 | 1.271320 | 4.994064 |
| Stddev | .0010399 | .001874 | .06095 | .001067 | .003544 | .004353 | .019329 |
| %RSD | .3989703 | .0736421 | .2427693 | .1011761 | .1404469 | .3424004 | .3870374 |
| #1 | .2606640 | 2.546190 | 25.07330 | 1.055771 | 2.527411 | 1.275450 | 4.972534 |
| #2 | .2596048 | 2.545746 | 25.06813 | 1.053673 | 2.523273 | 1.271735 | 4.999733 |
| #3 | .2616845 | 2.542745 | 25.17619 | 1.055058 | 2.520358 | 1.266774 | 5.009924 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.489387 | 25.13083 | 2.525800 | 1.284368 | 24.66097 | 2.518699 | 2.558259 |
| Stddev | .004176 | .13813 | .000837 | .002380 | .09613 | .004558 | .014204 |
| %RSD | .1677636 | .5496554 | .0331360 | .1853366 | .3898241 | .1809642 | .5552127 |
| #1 | 2.487677 | 25.02750 | 2.526647 | 1.283338 | 24.61504 | 2.516022 | 2.542222 |
| #2 | 2.486337 | 25.07726 | 2.525780 | 1.287090 | 24.77145 | 2.516113 | 2.563299 |
| #3 | 2.494147 | 25.28772 | 2.524974 | 1.282677 | 24.59642 | 2.523962 | 2.569255 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.51121 | 5.176209 | 5.057925 | 5.128156 | 4.950249 | 5.229926 | 5.126132 |
| Stddev | .07087 | .014737 | .012788 | .004865 | .008322 | .031841 | .005949 |
| %RSD | .2891185 | .2846994 | .2528357 | .0948767 | .1681054 | .6088210 | .1160586 |
| #1 | 24.45189 | 5.180398 | 5.070372 | 5.122657 | 4.948519 | 5.196187 | 5.132381 |
| #2 | 24.58969 | 5.159832 | 5.058582 | 5.129913 | 4.942929 | 5.234143 | 5.125478 |
| #3 | 24.49207 | 5.188398 | 5.044821 | 5.131900 | 4.959300 | 5.259449 | 5.120536 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV03 Acquired: 3/13/2025 14:40:03 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 4.962142 | 4.894748 | 4.977557 |
| Stddev | .006716 | .004497 | .060101 |
| %RSD | .1353469 | .0918754 | 1.207443 |
| | | | |
| #1 | 4.968233 | 4.899417 | 5.014235 |
| #2 | 4.963253 | 4.890445 | 4.908197 |
| #3 | 4.954939 | 4.894384 | 5.010241 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3301.007 | 71608.58 | 14226.83 | 2080.837 | 4431.859 |
| Stddev | 13.339 | 95.17 | 43.92 | 9.641 | 11.228 |
| %RSD | .4040764 | .1329084 | .3087176 | .4633323 | .2533547 |
| | | | | | |
| #1 | 3287.903 | 71707.03 | 14214.52 | 2091.745 | 4420.607 |
| #2 | 3300.549 | 71517.06 | 14275.59 | 2077.311 | 4431.905 |
| #3 | 3314.568 | 71601.66 | 14190.38 | 2073.455 | 4443.064 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB03 Acquired: 3/13/2025 14:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0001658 | .0013600 | .0012141 | -.000501 | .0011453 | -.007618 | .0019363 |
| Stddev | .0008228 | .0011263 | .0006843 | .001557 | .0013955 | .002376 | .0005118 |
| %RSD | 496.3993 | 82.81386 | 56.36568 | 310.4694 | 121.8414 | 31.19528 | 26.43000 |
| #1 | .0003859 | .0014579 | .0007712 | -.000456 | -.000053 | -.006763 | .0015872 |
| #2 | .0008562 | .0001880 | .0008688 | .001032 | .002677 | -.005787 | .0016979 |
| #3 | -.000745 | .0024341 | .0020023 | -.002080 | .000811 | -.010304 | .0025237 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000026 | -.000018 | .0007566 | .0001030 | .0001981 | -.000295 | .0023265 |
| Stddev | .000030 | .000047 | .0035801 | .0005950 | .0000240 | .000388 | .0045986 |
| %RSD | 113.5608 | 262.1158 | 473.2075 | 577.8874 | 12.12332 | 131.4773 | 197.6646 |
| #1 | -.000058 | .000025 | .0048458 | -.000029 | .0002213 | .000058 | .0033370 |
| #2 | .000000 | -.000067 | -.000763 | -.000415 | .0001733 | -.000711 | -.002693 |
| #3 | -.000020 | -.000012 | -.001813 | .000753 | .0001998 | -.000234 | .006336 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000826 | -.002104 | -.000164 | -.000004 | .0283374 | -.000100 | -.000541 |
| Stddev | .000306 | .009214 | .000270 | .000142 | .0138177 | .001202 | .000352 |
| %RSD | 37.02951 | 437.9268 | 164.4881 | 3206.668 | 48.76123 | 1202.657 | 65.09288 |
| #1 | -.000850 | .003085 | -.000428 | .000098 | .0162694 | -.001468 | -.000332 |
| #2 | -.001119 | -.012742 | .000111 | .000055 | .0253326 | .000786 | -.000947 |
| #3 | -.000508 | .003346 | -.000176 | -.000166 | .0434103 | .000382 | -.000343 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0694044 | -.001161 | .0000099 | -.001782 | .0006306 | -.001752 | -.004989 |
| Stddev | .0285602 | .000872 | .0004283 | .000405 | .0003406 | .002186 | .001155 |
| %RSD | 41.15047 | 75.13910 | 4343.723 | 22.74883 | 54.00036 | 124.8238 | 23.14235 |
| #1 | .0472697 | -.001565 | .0003475 | -.001539 | .0004906 | -.003891 | -.003802 |
| #2 | .0593003 | -.001759 | -.000472 | -.001558 | .0003825 | -.001843 | -.006108 |
| #3 | .1016431 | -.000160 | .000154 | -.002250 | .0010189 | .000479 | -.005058 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB03 Acquired: 3/13/2025 14:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0014915 | .0021374 | -.000033 |
| Stddev | .0035392 | .0007167 | .000046 |
| %RSD | 237.2832 | 33.52970 | 139.6098 |
| | | | |
| #1 | -.002261 | .0013587 | .000012 |
| #2 | .001967 | .0027693 | -.000079 |
| #3 | .004769 | .0022841 | -.000032 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3488.731 | 76460.92 | 14533.91 | 2267.092 | 5043.760 |
| Stddev | 4.208 | 503.65 | 27.30 | 23.026 | 7.518 |
| %RSD | .1206099 | .6586979 | .1878133 | 1.015649 | .1490592 |
| | | | | | |
| #1 | 3489.363 | 76135.65 | 14513.69 | 2247.246 | 5049.106 |
| #2 | 3484.243 | 76206.05 | 14564.96 | 2261.692 | 5035.163 |
| #3 | 3492.586 | 77041.06 | 14523.07 | 2292.337 | 5047.009 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-01 Acquired: 3/13/2025 14:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0028093 | -.000559 | .0296287 | -.003991 | .0029265 | 1.564569 |
| Stddev | .0018712 | .000701 | .0006317 | .003684 | .0011408 | .003843 |
| %RSD | 66.60643 | 125.4248 | 2.132104 | 92.30846 | 38.98355 | .2456420 |
| #1 | .0048564 | -.001076 | .0303576 | -.003653 | .0030824 | 1.560760 |
| #2 | .0023841 | -.000841 | .0292887 | -.000487 | .0017157 | 1.564503 |
| #3 | .0011873 | .000239 | .0292397 | -.007831 | .0039813 | 1.568446 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1045823 | .0002391 | -.000305 | 125.0191 | .0070898 | .0046324 |
| Stddev | .0004092 | .0000270 | .000119 | .3678 | .0002368 | .0002782 |
| %RSD | .3912882 | 11.27580 | 38.97144 | .2942194 | 3.340519 | 6.006345 |
| #1 | .1050156 | .0002590 | -.000265 | 124.6309 | .0071269 | .0043421 |
| #2 | .1042025 | .0002499 | -.000438 | 125.3625 | .0073059 | .0048967 |
| #3 | .1045288 | .0002084 | -.000211 | 125.0638 | .0068366 | .0046586 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0281154 | 16.33222 | .4263904 | 11.11169 | .0119325 | .0004000 |
| Stddev | .0001377 | .06843 | .0025683 | .05777 | .0001637 | .0003078 |
| %RSD | .4896863 | .4189704 | .6023434 | .5199241 | 1.372006 | 76.93188 |
| #1 | .0282296 | 16.25321 | .4250613 | 11.08739 | .0121116 | .0001079 |
| #2 | .0279625 | 16.37271 | .4293510 | 11.07004 | .0118951 | .0007214 |
| #3 | .0281541 | 16.37073 | .4247590 | 11.17765 | .0117907 | .0003709 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1657.437 | .0066959 | .9328908 | 16.27108 | .0748022 | .0078919 |
| Stddev | 36.575 | .0015678 | .0066060 | .08865 | .0010507 | .0002883 |
| %RSD | 2.206692 | 23.41407 | .7081164 | .5448559 | 1.404626 | 3.653334 |
| #1 | 1656.203 | .0050870 | .9260173 | 16.18042 | .0746937 | .0078509 |
| #2 | 1694.614 | .0082190 | .9391920 | 16.27524 | .0759029 | .0081984 |
| #3 | 1621.496 | .0067816 | .9334631 | 16.35758 | .0738099 | .0076262 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-01 Acquired: 3/13/2025 14:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.003126 | .0604466 | 8.498285 | 1.500801 | F 37.48291 | .0132556 |
| Stddev | .001445 | .0005683 | .027648 | .000394 | .13716 | .0007198 |
| %RSD | 46.22940 | .9402224 | .3253353 | .0262198 | .3659241 | 5.430129 |
| #1 | -.002983 | .0607799 | 8.469043 | 1.501070 | 37.48985 | .0124433 |
| #2 | -.001757 | .0597904 | 8.501814 | 1.500350 | 37.34241 | .0138143 |
| #3 | -.004637 | .0607695 | 8.524000 | 1.500985 | 37.61647 | .0135092 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4295398 |
| Stddev | .0014743 |
| %RSD | .3432371 |
| #1 | .4279309 |
| #2 | .4308262 |
| #3 | .4298624 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2868.925 | 62785.69 | 13406.53 | 1893.259 | 3523.105 |
| Stddev | 11.663 | 263.63 | 59.36 | 10.351 | 13.328 |
| %RSD | .4065171 | .4198882 | .4427378 | .5467131 | .3782892 |
| #1 | 2882.382 | 63089.95 | 13461.29 | 1904.899 | 3538.475 |
| #2 | 2861.759 | 62641.91 | 13343.45 | 1885.090 | 3514.754 |
| #3 | 2862.633 | 62625.21 | 13414.85 | 1889.787 | 3516.086 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-02 Acquired: 3/13/2025 14:57:36 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0122959 | -.000844 | .0357608 | .0000740 | .0038783 | 2.105145 |
| Stddev | .0033969 | .001792 | .0009314 | .0007215 | .0009192 | .003827 |
| %RSD | 27.62657 | 212.2351 | 2.604538 | 975.3671 | 23.69996 | .1817992 |
| #1 | .0131618 | -.002785 | .0361522 | -.000533 | .0035007 | 2.107612 |
| #2 | .0085498 | -.000495 | .0346975 | .000872 | .0032081 | 2.107087 |
| #3 | .0151761 | .000747 | .0364326 | -.000117 | .0049262 | 2.100736 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1151388 | .0002137 | -.000578 | 126.1224 | .0092225 | .0046828 |
| Stddev | .0007234 | .0000207 | .000038 | .2671 | .0003106 | .0003325 |
| %RSD | .6282620 | 9.696922 | 6.556450 | .2118095 | 3.368141 | 7.100093 |
| #1 | .1159655 | .0001938 | -.000621 | 126.4067 | .0095084 | .0050353 |
| #2 | .1146220 | .0002122 | -.000565 | 126.0841 | .0092670 | .0046384 |
| #3 | .1148289 | .0002351 | -.000549 | 125.8765 | .0088920 | .0043748 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0320797 | 19.46410 | .4517459 | 12.43849 | .0120632 | .0006168 |
| Stddev | .0001592 | .07338 | .0015952 | .07727 | .0005034 | .0003609 |
| %RSD | .4962960 | .3769864 | .3531198 | .6212013 | 4.172993 | 58.51229 |
| #1 | .0320901 | 19.38701 | .4529573 | 12.49592 | .0117715 | .0010299 |
| #2 | .0319155 | 19.53310 | .4523420 | 12.35064 | .0117736 | .0003628 |
| #3 | .0322334 | 19.47218 | .4499385 | 12.46890 | .0126445 | .0004577 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 1937.266 | .0087028 | 1.002558 | 18.61596 | .1050208 | .0076124 |
| Stddev | 21.719 | .0014790 | .002182 | .18007 | .0005076 | .0001972 |
| %RSD | 1.121107 | 16.99486 | .2176024 | .9672829 | .4833108 | 2.590545 |
| #1 | 1936.490 | .0082401 | 1.004072 | 18.41208 | .1050700 | .0073852 |
| #2 | 1959.363 | .0075104 | 1.000058 | 18.75327 | .1055020 | .0077139 |
| #3 | 1915.946 | .0103579 | 1.003544 | 18.68251 | .1044904 | .0077383 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-02 Acquired: 3/13/2025 14:57:36 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.003499 | .0838006 | F 10.63061 | 1.599913 | F 37.39093 | .0302775 |
| Stddev | .000131 | .0007999 | .04301 | .001096 | .08825 | .0003858 |
| %RSD | 3.739784 | .9544952 | .4046065 | .0685287 | .2360264 | 1.274315 |
| #1 | -.003394 | .0832219 | 10.58338 | 1.600373 | 37.32377 | .0298385 |
| #2 | -.003456 | .0847133 | 10.66753 | 1.600705 | 37.35814 | .0305626 |
| #3 | -.003645 | .0834666 | 10.64094 | 1.598662 | 37.49089 | .0304316 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4478318 |
| Stddev | .0010610 |
| %RSD | .2369222 |
| #1 | .4469626 |
| #2 | .4490141 |
| #3 | .4475186 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2828.556 | 60975.86 | 14034.08 | 1831.094 | 3467.773 |
| Stddev | 6.578 | 82.95 | 59.04 | 5.392 | 7.198 |
| %RSD | .2325613 | .1360438 | .4206771 | .2944471 | .2075787 |
| #1 | 2825.368 | 61045.74 | 13966.37 | 1829.774 | 3472.469 |
| #2 | 2836.121 | 60884.19 | 14061.08 | 1837.023 | 3471.364 |
| #3 | 2824.179 | 60997.66 | 14074.79 | 1826.486 | 3459.485 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-02 Acquired: 3/13/2025 15:01:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.004578 | -.005013 | .0714577 | .0021561 | .0023522 | .0132964 | .2324696 |
| Stddev | .001451 | .001268 | .0015091 | .0024146 | .0014603 | .0036066 | .0009552 |
| %RSD | 31.69255 | 25.30014 | 2.111811 | 111.9882 | 62.08028 | 27.12488 | .4108767 |
| #1 | -.006173 | -.004487 | .0720258 | .0049414 | .0011509 | .0112894 | .2324622 |
| #2 | -.004225 | -.006459 | .0697471 | .0008736 | .0019282 | .0111398 | .2315182 |
| #3 | -.003337 | -.004092 | .0726003 | .0006534 | .0039776 | .0174601 | .2334285 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000052 | .0004785 | 32.04328 | -.000246 | .0053291 | .0109426 | 1.732005 |
| Stddev | .0000342 | .0000241 | .03678 | .000365 | .0002772 | .0003495 | .007701 |
| %RSD | 659.7391 | 5.028867 | .1147956 | 148.2693 | 5.200908 | 3.194153 | .4446348 |
| #1 | .0000102 | .0004636 | 32.04681 | -.000625 | .0050621 | .0112864 | 1.724136 |
| #2 | .0000366 | .0005062 | 32.07817 | -.000217 | .0053098 | .0105876 | 1.739527 |
| #3 | -.000031 | .0004656 | 32.00485 | .000103 | .0056154 | .0109538 | 1.732352 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6480976 | 1.627854 | .0065124 | .0000347 | 331.8984 | -.000196 | .0864858 |
| Stddev | .0008293 | .004527 | .0002811 | .0001681 | 1.6772 | .000576 | .0006519 |
| %RSD | .1279629 | .2780726 | 4.316049 | 483.9658 | .5053260 | 293.7561 | .7537962 |
| #1 | .6490065 | 1.626161 | .0065322 | .0000297 | 330.5174 | -.000497 | .0858929 |
| #2 | .6473820 | 1.624419 | .0067830 | .0002052 | 333.7647 | -.000560 | .0871840 |
| #3 | .6479043 | 1.632984 | .0062219 | -.000131 | 331.4131 | .000468 | .0863807 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.512600 | .0134502 | .0001087 | -.001525 | -.000062 | .4940651 | .0015834 |
| Stddev | .032342 | .0008884 | .0001038 | .000707 | .000671 | .0033623 | .0016291 |
| %RSD | 2.138145 | 6.605133 | 95.52902 | 46.35542 | 1081.136 | .6805397 | 102.8845 |
| #1 | 1.487707 | .0144486 | .0001220 | -.001530 | .000712 | .4901826 | .0032541 |
| #2 | 1.549155 | .0127468 | -.000001 | -.000816 | -.000473 | .4960007 | -.000001 |
| #3 | 1.500936 | .0131552 | .000205 | -.002229 | -.000425 | .4960119 | .001497 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-02 Acquired: 3/13/2025 15:01:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .3680296 | -.005208 | .1033904 |
| Stddev | .0015615 | .000564 | .0000979 |
| %RSD | .4242721 | 10.82876 | .0947237 |
| | | | |
| #1 | .3698211 | -.005015 | .1033108 |
| #2 | .3673106 | -.004766 | .1034998 |
| #3 | .3669573 | -.005844 | .1033607 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3193.767 | 70513.81 | 14879.07 | 2051.119 | 4241.819 |
| Stddev | 5.108 | 248.92 | 68.25 | 8.324 | 10.336 |
| %RSD | .1599496 | .3530056 | .4586940 | .4058149 | .2436670 |
| | | | | | |
| #1 | 3189.574 | 70687.21 | 14805.40 | 2058.914 | 4232.172 |
| #2 | 3199.457 | 70228.59 | 14891.69 | 2042.351 | 4252.728 |
| #3 | 3192.270 | 70625.63 | 14940.13 | 2052.091 | 4240.558 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-04 Acquired: 3/13/2025 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0035037 | -.003385 | .0118611 | .0025576 | .0031378 | .0142533 | .1606181 |
| Stddev | .0013300 | .001250 | .0021154 | .0024590 | .0017904 | .0018371 | .0007279 |
| %RSD | 37.95938 | 36.92751 | 17.83460 | 96.14691 | 57.05834 | 12.88874 | .4532110 |
| #1 | .0024421 | -.003749 | .0099460 | .0036851 | .0044872 | .0137408 | .1598104 |
| #2 | .0030734 | -.004412 | .0141317 | .0042507 | .0011067 | .0127269 | .1612234 |
| #3 | .0049955 | -.001993 | .0115054 | -.000263 | .0038194 | .0162922 | .1608204 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000698 | -.001455 | 106.6138 | -.000116 | .0029449 | .0071916 | 23.12802 |
| Stddev | .0000396 | .000022 | .2702 | .000203 | .0003583 | .0002823 | .26108 |
| %RSD | 56.76922 | 1.536324 | .2534575 | 174.1378 | 12.16613 | 3.925377 | 1.128858 |
| #1 | .0001091 | -.001460 | 106.4095 | .000025 | .0025312 | .0072056 | 22.87450 |
| #2 | .0000298 | -.001430 | 106.9202 | -.000349 | .0031483 | .0074667 | 23.11351 |
| #3 | .0000705 | -.001474 | 106.5116 | -.000026 | .0031552 | .0069026 | 23.39606 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.284110 | 2.384083 | .0261034 | .0000154 | 394.4475 | .0012343 | .1855472 |
| Stddev | .004782 | .022585 | .0003115 | .0001334 | 3.7087 | .0013818 | .0023885 |
| %RSD | .3724194 | .9473152 | 1.193203 | 868.5825 | .9402308 | 111.9473 | 1.287291 |
| #1 | 1.278657 | 2.366298 | .0259374 | .0000666 | 390.4906 | .0024988 | .1835157 |
| #2 | 1.286083 | 2.409493 | .0259101 | -.000136 | 395.0075 | .0014448 | .1849476 |
| #3 | 1.287590 | 2.376457 | .0264627 | .000116 | 397.8443 | -.000241 | .1881785 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.718520 | -.009482 | .0025054 | -.002484 | -.001837 | .8703134 | .1661073 |
| Stddev | .047830 | .000242 | .0001251 | .000991 | .000172 | .0112010 | .0043262 |
| %RSD | 2.783226 | 2.556673 | 4.993796 | 39.90561 | 9.336300 | 1.287008 | 2.604466 |
| #1 | 1.673486 | -.009427 | .0025185 | -.003576 | -.001880 | .8625942 | .1676829 |
| #2 | 1.713349 | -.009747 | .0026234 | -.002239 | -.001983 | .8651856 | .1612141 |
| #3 | 1.768726 | -.009272 | .0023742 | -.001639 | -.001648 | .8831604 | .1694249 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-04 Acquired: 3/13/2025 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 1.513665 | -.007338 | .3821242 |
| Stddev | .006518 | .000983 | .0012614 |
| %RSD | .4305819 | 13.40078 | .3300980 |
| | | | |
| #1 | 1.517208 | -.008321 | .3807558 |
| #2 | 1.506143 | -.006355 | .3832404 |
| #3 | 1.517643 | -.007338 | .3823764 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3178.315 | 69948.17 | 15146.45 | 2041.311 | 4180.200 |
| Stddev | 1.551 | 615.29 | 42.59 | 14.155 | 7.994 |
| %RSD | .0487931 | .8796306 | .2811719 | .6934250 | .1912448 |
| | | | | | |
| #1 | 3176.695 | 70580.44 | 15160.62 | 2057.377 | 4175.002 |
| #2 | 3179.786 | 69912.66 | 15098.59 | 2035.881 | 4189.406 |
| #3 | 3178.465 | 69351.40 | 15180.16 | 2030.675 | 4176.192 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06 Acquired: 3/13/2025 15:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.004039 | -.004715 | .0053197 | .0058133 | .0015852 | .5809411 | .0920214 |
| Stddev | .001695 | .001305 | .0008828 | .0031247 | .0013793 | .0053504 | .0013734 |
| %RSD | 41.96342 | 27.68487 | 16.59406 | 53.75165 | 87.00985 | .9209903 | 1.492465 |
| #1 | -.003366 | -.003517 | .0062964 | .0033020 | -.000005 | .5791509 | .0912354 |
| #2 | -.002783 | -.004522 | .0050841 | .0093126 | .002453 | .5767153 | .0936073 |
| #3 | -.005967 | -.006106 | .0045787 | .0048252 | .002308 | .5869570 | .0912216 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000522 | .0002713 | 49.61003 | .0014411 | .0100419 | .0054480 | .4640984 |
| Stddev | .0000276 | .0000642 | .08473 | .0003496 | .0000587 | .0001174 | .0058281 |
| %RSD | 52.83395 | 23.64980 | .1707964 | 24.26181 | .5846442 | 2.154986 | 1.255799 |
| #1 | .0000609 | .0002050 | 49.69567 | .0013799 | .0100133 | .0055195 | .4667873 |
| #2 | .0000743 | .0002760 | 49.60818 | .0011261 | .0100030 | .0055119 | .4574112 |
| #3 | .0000213 | .0003330 | 49.52624 | .0018173 | .0101094 | .0053125 | .4680966 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4160458 | 2.111096 | .0124498 | -.000100 | 342.0208 | .0001634 | .0716971 |
| Stddev | .0004440 | .015841 | .0001007 | .000235 | 1.5886 | .0015403 | .0002623 |
| %RSD | .1067319 | .7503835 | .8086942 | 235.7521 | .4644601 | 942.3761 | .3657865 |
| #1 | .4160710 | 2.116339 | .0125573 | -.000245 | 343.1068 | -.001417 | .0714050 |
| #2 | .4155897 | 2.123650 | .0123577 | .000172 | 342.7580 | .000247 | .0719122 |
| #3 | .4164767 | 2.093297 | .0124345 | -.000226 | 340.1976 | .001661 | .0717742 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.871789 | .0082627 | .0008314 | -.001745 | .0001487 | 1.949484 | .0034246 |
| Stddev | .053788 | .0008090 | .0001115 | .000700 | .0008866 | .008840 | .0017782 |
| %RSD | 1.389237 | 9.790786 | 13.40832 | 40.08904 | 596.1598 | .4534723 | 51.92432 |
| #1 | 3.846162 | .0078295 | .0008888 | -.002428 | -.000384 | 1.939307 | .0032167 |
| #2 | 3.835606 | .0091961 | .0007029 | -.001029 | .001172 | 1.955252 | .0017595 |
| #3 | 3.933598 | .0077627 | .0009025 | -.001779 | -.000343 | 1.953895 | .0052977 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06 Acquired: 3/13/2025 15:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.772534 | -.006150 | .1480195 |
| Stddev | .023425 | .000721 | .0004674 |
| %RSD | .8448811 | 11.71783 | .3157427 |
| | | | |
| #1 | 2.790263 | -.005769 | .1483044 |
| #2 | 2.781360 | -.005700 | .1474801 |
| #3 | 2.745978 | -.006981 | .1482739 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3286.980 | 71436.19 | 14683.71 | 2117.710 | 4347.666 |
| Stddev | 15.326 | 405.58 | 27.29 | 5.732 | 15.420 |
| %RSD | .4662501 | .5677528 | .1858519 | .2706774 | .3546718 |
| | | | | | |
| #1 | 3280.154 | 71898.95 | 14685.67 | 2121.296 | 4339.338 |
| #2 | 3276.252 | 71142.46 | 14655.50 | 2120.736 | 4338.201 |
| #3 | 3304.532 | 71267.17 | 14709.97 | 2111.099 | 4365.459 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06DUP Acquired: 3/13/2025 15:15:10 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.005030 | -.005086 | .0041059 | .0044715 | .0012278 | .5817619 | .0941254 |
| Stddev | .002025 | .000499 | .0009047 | .0027360 | .0019694 | .0023736 | .0007580 |
| %RSD | 40.26584 | 9.807703 | 22.03313 | 61.18700 | 160.3910 | .4080059 | .8053152 |
| #1 | -.007152 | -.005607 | .0051427 | .0019945 | -.000496 | .5805541 | .0933962 |
| #2 | -.003118 | -.004613 | .0034771 | .0040117 | .000806 | .5844965 | .0949093 |
| #3 | -.004821 | -.005040 | .0036978 | .0074082 | .003374 | .5802350 | .0940706 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000018 | .0002130 | 49.92114 | .0017706 | .0100460 | .0052574 | .4782506 |
| Stddev | .000037 | .0000549 | .04569 | .0002279 | .0002007 | .0000771 | .0057178 |
| %RSD | 209.0639 | 25.79064 | .0915292 | 12.87195 | 1.997964 | 1.466199 | 1.195570 |
| #1 | -.000046 | .0002591 | 49.87116 | .0020242 | .0098795 | .0053213 | .4841681 |
| #2 | .000024 | .0001522 | 49.96078 | .0015828 | .0102688 | .0051718 | .4727559 |
| #3 | -.000031 | .0002276 | 49.93146 | .0017048 | .0099895 | .0052791 | .4778277 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4158013 | 2.103612 | .0123257 | .0000578 | 348.5983 | .0010768 | .0709632 |
| Stddev | .0010579 | .002075 | .0002465 | .0001190 | 4.3030 | .0009530 | .0006017 |
| %RSD | .2544147 | .0986514 | 2.000141 | 205.9068 | 1.234385 | 88.50505 | .8479127 |
| #1 | .4145999 | 2.106006 | .0124819 | -.000067 | 352.5397 | .0020254 | .0708006 |
| #2 | .4165934 | 2.102311 | .0120415 | .000169 | 344.0075 | .0001194 | .0704594 |
| #3 | .4162105 | 2.102520 | .0124538 | .000071 | 349.2479 | .0010855 | .0716294 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.957639 | .0077238 | .0009055 | -.001830 | .0003030 | 1.979603 | .0046700 |
| Stddev | .010313 | .0004392 | .0001079 | .000763 | .0002285 | .009068 | .0020880 |
| %RSD | .2605747 | 5.686327 | 11.91557 | 41.66178 | 75.39275 | .4580564 | 44.71067 |
| #1 | 3.946388 | .0073368 | .0010300 | -.001040 | .0002097 | 1.969133 | .0026093 |
| #2 | 3.966642 | .0076333 | .0008405 | -.002561 | .0001360 | 1.984713 | .0046164 |
| #3 | 3.959888 | .0082011 | .0008460 | -.001890 | .0005634 | 1.984962 | .0067842 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06DUP Acquired: 3/13/2025 15:15:10 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.797062 | -.005636 | .1489866 |
| Stddev | .006273 | .000089 | .0001414 |
| %RSD | .2242857 | 1.585411 | .0948881 |
| | | | |
| #1 | 2.795990 | -.005678 | .1489727 |
| #2 | 2.803802 | -.005533 | .1491344 |
| #3 | 2.791393 | -.005696 | .1488526 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3242.882 | 71794.71 | 15113.13 | 2111.266 | 4291.672 |
| Stddev | 6.500 | 164.77 | 38.91 | 11.676 | 12.045 |
| %RSD | .2004446 | .2295029 | .2574678 | .5530275 | .2806664 |
| | | | | | |
| #1 | 3247.418 | 71865.94 | 15099.38 | 2106.071 | 4299.156 |
| #2 | 3235.435 | 71911.89 | 15157.04 | 2124.638 | 4277.777 |
| #3 | 3245.791 | 71606.31 | 15082.95 | 2103.089 | 4298.083 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06LX5 Acquired: 3/13/2025 15:19:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.001785 | -.000186 | .0027720 | .0030138 | .0000451 | .1168033 | .0204381 |
| Stddev | .001522 | .001251 | .0008075 | .0022888 | .0009431 | .0031016 | .0003601 |
| %RSD | 85.22053 | 670.8139 | 29.13041 | 75.94250 | 2093.058 | 2.655438 | 1.762006 |
| #1 | -.000629 | .001161 | .0036766 | .0020895 | .0010969 | .1192978 | .0206167 |
| #2 | -.001218 | -.001311 | .0021237 | .0013318 | -.000237 | .1177816 | .0200236 |
| #3 | -.003509 | -.000409 | .0025158 | .0056202 | -.000725 | .1133304 | .0206740 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000004 | .0000481 | 10.52859 | -.000141 | .0020676 | .0009622 | .1023632 |
| Stddev | .000045 | .0000479 | .01496 | .000146 | .0001938 | .0002588 | .0077155 |
| %RSD | 1182.179 | 99.59408 | .1420609 | 103.2877 | 9.374796 | 26.89565 | 7.537343 |
| #1 | -.000054 | .0000505 | 10.54183 | .000023 | .0021405 | .0006649 | .1112470 |
| #2 | .000013 | .0000948 | 10.53157 | -.000256 | .0022145 | .0011373 | .0985020 |
| #3 | .000030 | -.000001 | 10.51236 | -.000191 | .0018479 | .0010843 | .0973406 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0865388 | .4494563 | .0025074 | .0002613 | 70.10296 | .0008696 | .0144905 |
| Stddev | .0005911 | .0224779 | .0000782 | .0002688 | .36032 | .0008134 | .0001569 |
| %RSD | .6830216 | 5.001129 | 3.117333 | 102.8674 | .5139838 | 93.54318 | 1.082911 |
| #1 | .0860943 | .4433029 | .0025544 | .0005513 | 70.47400 | .0014675 | .0143097 |
| #2 | .0872096 | .4743700 | .0024172 | .0002122 | 70.08044 | .0011980 | .0145712 |
| #3 | .0863126 | .4306959 | .0025506 | .0000205 | 69.75442 | -.000057 | .0145907 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9229913 | -.002167 | .0001984 | -.000879 | .0009079 | .4031569 | -.003909 |
| Stddev | .0135743 | .000916 | .0004771 | .000674 | .0003438 | .0022866 | .001800 |
| %RSD | 1.470689 | 42.27848 | 240.5206 | 76.62285 | 37.86677 | .5671843 | 46.03825 |
| #1 | .9084210 | -.002674 | .0007429 | -.000110 | .0009416 | .4012300 | -.003787 |
| #2 | .9252723 | -.001110 | -.000146 | -.001365 | .0012335 | .4025570 | -.002173 |
| #3 | .9352807 | -.002719 | -.000002 | -.001162 | .0005485 | .4056837 | -.005766 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06LX5 Acquired: 3/13/2025 15:19:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .5625482 | .0084457 | .0311720 |
| Stddev | .0040943 | .0012093 | .0000794 |
| %RSD | .7278136 | 14.31840 | .2547820 |
| | | | |
| #1 | .5615918 | .0073657 | .0311042 |
| #2 | .5670360 | .0082192 | .0312594 |
| #3 | .5590167 | .0097523 | .0311526 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3388.565 | 73470.54 | 14950.58 | 2152.853 | 4638.614 |
| Stddev | 17.469 | 173.64 | 42.99 | 2.319 | 21.747 |
| %RSD | .5155229 | .2363365 | .2875806 | .1077008 | .4688175 |
| | | | | | |
| #1 | 3383.085 | 73287.35 | 14990.76 | 2155.353 | 4632.028 |
| #2 | 3374.493 | 73491.56 | 14905.24 | 2150.773 | 4620.922 |
| #3 | 3408.117 | 73632.71 | 14955.74 | 2152.432 | 4662.893 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MS Acquired: 3/13/2025 15:23:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .7804302 | 1.730179 | .9272565 | 1.889482 | .7795168 | 2.436797 | .2652758 |
| Stddev | .0018125 | .003992 | .0016138 | .002052 | .0023635 | .008376 | .0002559 |
| %RSD | .2322440 | .2307142 | .1740432 | .1086085 | .3031996 | .3437143 | .0964802 |
| #1 | .7795925 | 1.731928 | .9257602 | 1.890720 | .7811081 | 2.441009 | .2654554 |
| #2 | .7791880 | 1.732998 | .9270427 | 1.887113 | .7768010 | 2.442231 | .2653892 |
| #3 | .7825100 | 1.725611 | .9289665 | 1.890612 | .7806414 | 2.427151 | .2649827 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1905308 | .1929533 | 48.43389 | .4061525 | .2026169 | .2862139 | 3.337223 |
| Stddev | .0008906 | .0005878 | .12502 | .0011666 | .0001918 | .0004855 | .001739 |
| %RSD | .4674189 | .3046164 | .2581235 | .2872250 | .0946568 | .1696212 | .0521067 |
| #1 | .1914063 | .1923017 | 48.52603 | .4073750 | .2027799 | .2859104 | 3.337161 |
| #2 | .1896259 | .1931147 | 48.29158 | .4060311 | .2026653 | .2859576 | 3.335516 |
| #3 | .1905602 | .1934435 | 48.48407 | .4050514 | .2024056 | .2867739 | 3.338992 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5838534 | 3.836374 | .4912973 | .0731554 | 328.2641 | .2869665 | .2643026 |
| Stddev | .0011114 | .019000 | .0005757 | .0004896 | .5525 | .0007487 | .0015836 |
| %RSD | .1903514 | .4952481 | .1171709 | .6692651 | .1683139 | .2608895 | .5991472 |
| #1 | .5850706 | 3.857646 | .4911158 | .0729843 | 328.8439 | .2876222 | .2626766 |
| #2 | .5828927 | 3.830386 | .4908343 | .0737075 | 327.7437 | .2871265 | .2658399 |
| #3 | .5835970 | 3.821090 | .4919419 | .0727742 | 328.2047 | .2861507 | .2643912 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.58817 | .2619812 | .4071497 | .6858066 | .1890663 | 2.653698 | 6.091044 |
| Stddev | .11050 | .0007644 | .0010610 | .0013305 | .0004210 | .008393 | .012889 |
| %RSD | .8132143 | .2917941 | .2605787 | .1940048 | .2226742 | .3162769 | .2115992 |
| #1 | 13.52248 | .2627694 | .4074431 | .6857770 | .1894510 | 2.654400 | 6.076344 |
| #2 | 13.71574 | .2612429 | .4059730 | .6844913 | .1891313 | 2.661719 | 6.100405 |
| #3 | 13.52628 | .2619313 | .4080331 | .6871517 | .1886165 | 2.644977 | 6.096384 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MS Acquired: 3/13/2025 15:23:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.649881 | .1862554 | .3272102 |
| Stddev | .007413 | .0011429 | .0008501 |
| %RSD | .2797403 | .6136116 | .2598148 |
| | | | |
| #1 | 2.641825 | .1859216 | .3276948 |
| #2 | 2.651404 | .1853166 | .3277072 |
| #3 | 2.656414 | .1875281 | .3262285 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3260.289 | 71860.51 | 14785.24 | 2093.774 | 4312.556 |
| Stddev | 5.040 | 117.81 | 89.12 | 5.641 | 2.861 |
| %RSD | .1545890 | .1639472 | .6027689 | .2693967 | .0663486 |
| | | | | | |
| #1 | 3256.863 | 71756.50 | 14692.58 | 2093.506 | 4315.158 |
| #2 | 3266.076 | 71836.59 | 14870.34 | 2088.272 | 4313.018 |
| #3 | 3257.927 | 71988.45 | 14792.80 | 2099.544 | 4309.492 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MSD Acquired: 3/13/2025 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .7724737 | 1.721494 | .9234760 | 1.866246 | .7695921 | 2.434717 | .2702220 |
| Stddev | .0046027 | .013638 | .0030787 | .000892 | .0026200 | .007103 | .0013353 |
| %RSD | .5958369 | .7921987 | .3333826 | .0477927 | .3404366 | .2917508 | .4941399 |
| #1 | .7719531 | 1.736485 | .9224529 | 1.866388 | .7667736 | 2.426543 | .2694394 |
| #2 | .7681534 | 1.709822 | .9269360 | 1.867059 | .7700492 | 2.438220 | .2694628 |
| #3 | .7773145 | 1.718174 | .9210391 | 1.865292 | .7719534 | 2.439389 | .2717638 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1904116 | .1924568 | 48.93951 | .3987480 | .2025084 | .2847203 | 3.333020 |
| Stddev | .0009668 | .0001773 | .10236 | .0008682 | .0000722 | .0003508 | .043262 |
| %RSD | .5077457 | .0921117 | .2091624 | .2177187 | .0356633 | .1232185 | 1.297990 |
| #1 | .1901130 | .1924359 | 48.89340 | .3996642 | .2024746 | .2846987 | 3.362490 |
| #2 | .1914924 | .1926435 | 48.86832 | .3986422 | .2025913 | .2843807 | 3.283353 |
| #3 | .1896292 | .1922908 | 49.05682 | .3979376 | .2024592 | .2850814 | 3.353219 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5865223 | 3.886410 | .4922949 | .0724170 | 326.2331 | .2883838 | .2640458 |
| Stddev | .0008394 | .001275 | .0001348 | .0005610 | 2.9043 | .0032292 | .0001058 |
| %RSD | .1431140 | .0327986 | .0273737 | .7746656 | .8902392 | 1.119740 | .0400777 |
| #1 | .5868199 | 3.887695 | .4921413 | .0729005 | 329.3540 | .2913380 | .2639845 |
| #2 | .5855747 | 3.886388 | .4923500 | .0718020 | 323.6098 | .2849364 | .2639849 |
| #3 | .5871724 | 3.885146 | .4923933 | .0725487 | 325.7354 | .2888770 | .2641680 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.52300 | .2610451 | .4053797 | .6801866 | .1893150 | 2.637958 | 6.075285 |
| Stddev | .08785 | .0018397 | .0007732 | .0009406 | .0015728 | .024281 | .012904 |
| %RSD | .6496396 | .7047534 | .1907460 | .1382850 | .8308013 | .9204382 | .2124048 |
| #1 | 13.55069 | .2619859 | .4056883 | .6801751 | .1877044 | 2.640863 | 6.062147 |
| #2 | 13.42465 | .2622240 | .4044999 | .6811329 | .1893936 | 2.612355 | 6.075767 |
| #3 | 13.59368 | .2589252 | .4059511 | .6792518 | .1908471 | 2.660656 | 6.087942 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MSD Acquired: 3/13/2025 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.634810 | .1865116 | .3296714 |
| Stddev | .005716 | .0009141 | .0017708 |
| %RSD | .2169436 | .4900840 | .5371419 |
| #1 | 2.630129 | .1857319 | .3290423 |
| #2 | 2.641180 | .1862853 | .3283010 |
| #3 | 2.633120 | .1875176 | .3316708 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3276.408 | 72716.01 | 14817.03 | 2112.725 | 4329.283 |
| Stddev | 14.423 | 70.89 | 49.89 | .971 | 13.898 |
| %RSD | .4401988 | .0974835 | .3367069 | .0459735 | .3210254 |
| #1 | 3281.988 | 72634.28 | 14831.54 | 2111.713 | 4338.691 |
| #2 | 3287.206 | 72752.96 | 14761.49 | 2112.812 | 4335.839 |
| #3 | 3260.028 | 72760.78 | 14858.05 | 2113.650 | 4313.320 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06A Acquired: 3/13/2025 15:34:12 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .7499624 | 1.709394 | .9078414 | 1.805325 | .7456657 | 2.376367 | .2705274 |
| Stddev | .0046870 | .004597 | .0041664 | .001817 | .0021134 | .010608 | .0021938 |
| %RSD | .6249718 | .2689223 | .4589296 | .1006328 | .2834305 | .4464076 | .8109490 |
| #1 | .7490135 | 1.711285 | .9030333 | 1.805119 | .7460052 | 2.386708 | .2702888 |
| #2 | .7458224 | 1.712743 | .9103891 | 1.803621 | .7434031 | 2.365510 | .2684626 |
| #3 | .7550513 | 1.704153 | .9101017 | 1.807237 | .7475889 | 2.376883 | .2728307 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1876342 | .1890401 | 49.34821 | .3934792 | .1992244 | .2790634 | 3.374739 |
| Stddev | .0017355 | .0004420 | .30179 | .0026723 | .0006010 | .0003679 | .008383 |
| %RSD | .9249161 | .2338033 | .6115561 | .6791418 | .3016672 | .1318151 | .2483963 |
| #1 | .1882272 | .1885457 | 49.52320 | .3910733 | .1987288 | .2794545 | 3.366701 |
| #2 | .1856799 | .1891778 | 48.99974 | .3963554 | .1990516 | .2787244 | 3.383429 |
| #3 | .1889954 | .1893969 | 49.52170 | .3930088 | .1998929 | .2790112 | 3.374086 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5880190 | 3.893717 | .4836737 | .0721976 | 331.5176 | .2828587 | .2618996 |
| Stddev | .0057273 | .027728 | .0005398 | .0003476 | 4.4646 | .0018905 | .0022228 |
| %RSD | .9740006 | .7121317 | .1115982 | .4814022 | 1.346714 | .6683547 | .8487111 |
| #1 | .5907735 | 3.889747 | .4830648 | .0725728 | 326.3624 | .2816548 | .2594540 |
| #2 | .5814348 | 3.868188 | .4838630 | .0721333 | 334.0808 | .2818837 | .2624479 |
| #3 | .5918485 | 3.923217 | .4840934 | .0718867 | 334.1096 | .2850377 | .2637969 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.79556 | .2556529 | .3952683 | .6680152 | .1856055 | 2.714436 | 6.030371 |
| Stddev | .10428 | .0028033 | .0011155 | .0013590 | .0010876 | .029632 | .001222 |
| %RSD | .7558803 | 1.096509 | .2822168 | .2034447 | .5859869 | 1.091658 | .0202717 |
| #1 | 13.81491 | .2567429 | .3940136 | .6670137 | .1866581 | 2.707893 | 6.031021 |
| #2 | 13.88880 | .2524684 | .3956432 | .6674697 | .1844860 | 2.746793 | 6.028961 |
| #3 | 13.68296 | .2577475 | .3961480 | .6695623 | .1856725 | 2.688623 | 6.031131 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06A Acquired: 3/13/2025 15:34:12 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.649599 | .1838931 | .3280281 |
| Stddev | .001202 | .0003052 | .0017779 |
| %RSD | .0453738 | .1659846 | .5419923 |
| | | | |
| #1 | 2.648645 | .1839523 | .3295381 |
| #2 | 2.650949 | .1835626 | .3260686 |
| #3 | 2.649203 | .1841644 | .3284776 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3284.126 | 70909.79 | 14855.62 | 2106.864 | 4327.412 |
| Stddev | 2.010 | 313.90 | 106.53 | 10.582 | 5.380 |
| %RSD | .0612054 | .4426780 | .7170840 | .5022457 | .1243196 |
| | | | | | |
| #1 | 3282.528 | 71103.43 | 14805.92 | 2117.182 | 4333.600 |
| #2 | 3286.383 | 70547.62 | 14977.91 | 2096.037 | 4323.849 |
| #3 | 3283.467 | 71078.32 | 14783.02 | 2107.371 | 4324.785 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV04 Acquired: 3/13/2025 15:38:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 4.953134 | 4.900976 | 5.049714 | 4.834008 | 4.843170 | 9.835349 | 9.580135 |
| Stddev | .009248 | .030669 | .011885 | .018443 | .012416 | .007161 | .047919 |
| %RSD | .1867104 | .6257732 | .2353649 | .3815290 | .2563658 | .0728132 | .5001878 |
| #1 | 4.942839 | 4.904941 | 5.041855 | 4.817592 | 4.828961 | 9.843199 | 9.620030 |
| #2 | 4.955823 | 4.929469 | 5.043901 | 4.853965 | 4.848621 | 9.833673 | 9.593392 |
| #3 | 4.960740 | 4.868517 | 5.063387 | 4.830465 | 4.851929 | 9.829173 | 9.526984 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2605563 | 2.505113 | 24.85450 | 1.029689 | 2.478255 | 1.237044 | 4.775820 |
| Stddev | .0013768 | .003743 | .05217 | .003007 | .003065 | .001692 | .035807 |
| %RSD | .5284118 | .1494033 | .2099170 | .2920414 | .1236693 | .1367527 | .7497642 |
| #1 | .2589683 | 2.501646 | 24.87338 | 1.030604 | 2.474756 | 1.235101 | 4.788555 |
| #2 | .2612855 | 2.504611 | 24.89461 | 1.032133 | 2.479543 | 1.237837 | 4.803520 |
| #3 | .2614153 | 2.509081 | 24.79552 | 1.026331 | 2.480466 | 1.238193 | 4.735386 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.442503 | 25.28890 | 2.484190 | 1.238841 | 22.89023 | 2.473015 | 2.463581 |
| Stddev | .004715 | .03623 | .002800 | .003177 | .27213 | .006588 | .017794 |
| %RSD | .1930509 | .1432686 | .1127298 | .2564429 | 1.188855 | .2663766 | .7222744 |
| #1 | 2.447827 | 25.31105 | 2.481251 | 1.241669 | 23.16549 | 2.478068 | 2.463533 |
| #2 | 2.440829 | 25.30856 | 2.486828 | 1.239451 | 22.88387 | 2.475412 | 2.481398 |
| #3 | 2.438854 | 25.24709 | 2.484490 | 1.235404 | 22.62134 | 2.465564 | 2.445811 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.19952 | 5.088390 | 4.940829 | 5.021722 | 4.834026 | 4.895015 | 5.094659 |
| Stddev | .18442 | .027931 | .009455 | .008473 | .016304 | .033994 | .001981 |
| %RSD | .7949288 | .5489106 | .1913682 | .1687246 | .3372669 | .6944655 | .0388897 |
| #1 | 23.36786 | 5.058213 | 4.930545 | 5.014711 | 4.837422 | 4.907655 | 5.094222 |
| #2 | 23.22829 | 5.093621 | 4.949146 | 5.019317 | 4.848365 | 4.920879 | 5.092933 |
| #3 | 23.00240 | 5.113335 | 4.942797 | 5.031137 | 4.816293 | 4.856512 | 5.096822 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV04 Acquired: 3/13/2025 15:38:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 4.817787 | 4.708914 | 4.822578 |
| Stddev | .005179 | .017357 | .054153 |
| %RSD | .1074993 | .3686025 | 1.122903 |
| | | | |
| #1 | 4.814526 | 4.717607 | 4.764268 |
| #2 | 4.823759 | 4.720207 | 4.871290 |
| #3 | 4.815077 | 4.688928 | 4.832176 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3319.370 | 72481.55 | 13945.02 | 2123.897 | 4436.674 |
| Stddev | 2.676 | 300.95 | 69.02 | 17.007 | 1.709 |
| %RSD | .0806109 | .4152059 | .4949661 | .8007429 | .0385142 |
| | | | | | |
| #1 | 3322.417 | 72358.48 | 14022.92 | 2118.174 | 4437.860 |
| #2 | 3318.288 | 72261.63 | 13891.47 | 2110.491 | 4437.447 |
| #3 | 3317.405 | 72824.52 | 13920.67 | 2143.028 | 4434.716 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB04 Acquired: 3/13/2025 15:42:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.001355 | .0012275 | .0007031 | .0021333 | .0015807 | -.003407 | .0032630 |
| Stddev | .004051 | .0022518 | .0003529 | .0016399 | .0012109 | .003704 | .0014101 |
| %RSD | 298.9790 | 183.4469 | 50.19594 | 76.87167 | 76.60629 | 108.7017 | 43.21553 |
| #1 | -.002145 | .0027254 | .0004641 | .0009513 | .0008751 | -.002198 | .0016449 |
| #2 | .003033 | .0023192 | .0005367 | .0014431 | .0008881 | -.000459 | .0039152 |
| #3 | -.004953 | -.001362 | .0011085 | .0040055 | .0029789 | -.007564 | .0042291 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000018 | -.000012 | .0027084 | -.000326 | -.000031 | .0000729 | .0013070 |
| Stddev | .000059 | .000095 | .0083562 | .000425 | .000116 | .0002046 | .0036439 |
| %RSD | 328.6865 | 767.5260 | 308.5269 | 130.3947 | 376.7975 | 280.5047 | 278.7879 |
| #1 | -.000061 | -.000085 | .0087930 | -.000283 | -.000137 | .0002572 | .0055125 |
| #2 | .000050 | -.000047 | -.006819 | -.000771 | .000092 | .0001087 | -.000912 |
| #3 | -.000043 | .000095 | .006151 | .000076 | -.000047 | -.000147 | -.000679 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000717 | -.001034 | -.000137 | .0003440 | .1421872 | .0004991 | -.000424 |
| Stddev | .000141 | .021073 | .000167 | .0002373 | .0225467 | .0016180 | .000075 |
| %RSD | 19.59291 | 2038.552 | 122.0264 | 68.97876 | 15.85703 | 324.1999 | 17.61016 |
| #1 | -.000663 | -.023899 | -.000310 | .0002590 | .1520820 | -.000285 | -.000497 |
| #2 | -.000877 | .003189 | -.000122 | .0001609 | .1163850 | .002360 | -.000429 |
| #3 | -.000612 | .017609 | .000022 | .0006121 | .1580945 | -.000577 | -.000348 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2509570 | .0011407 | .0002206 | -.000735 | .0016583 | .0054170 | -.004384 |
| Stddev | .0424274 | .0004856 | .0001298 | .000377 | .0006996 | .0027204 | .002108 |
| %RSD | 16.90623 | 42.57522 | 58.85168 | 51.29503 | 42.18979 | 50.22011 | 48.08309 |
| #1 | .2048649 | .0016625 | .0001069 | -.000773 | .0009126 | .0031233 | -.005169 |
| #2 | .2883808 | .0007020 | .0003621 | -.000341 | .0017621 | .0084226 | -.001996 |
| #3 | .2596251 | .0010574 | .0001928 | -.001092 | .0023002 | .0047051 | -.005987 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB04 Acquired: 3/13/2025 15:42:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0020855 | .0056720 | .0000080 |
| Stddev | .0013502 | .0007023 | .0000500 |
| %RSD | 64.74149 | 12.38166 | 623.0690 |
| #1 | .0008669 | .0049953 | -.000049 |
| #2 | .0018526 | .0063974 | .000028 |
| #3 | .0035369 | .0056235 | .000045 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3437.065 | 74491.32 | 14388.80 | 2196.861 | 4973.012 |
| Stddev | 9.298 | 241.90 | 98.51 | 4.022 | 7.011 |
| %RSD | .2705265 | .3247343 | .6846281 | .1830936 | .1409787 |
| #1 | 3447.792 | 74226.65 | 14406.59 | 2192.401 | 4980.657 |
| #2 | 3432.092 | 74546.35 | 14477.20 | 2200.215 | 4966.884 |
| #3 | 3431.311 | 74700.96 | 14282.61 | 2197.968 | 4971.493 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-08 Acquired: 3/13/2025 15:46:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0298909 | -.020228 | .2697779 | -.038248 | -.003011 | 89.46560 |
| Stddev | .0023721 | .002777 | .0012868 | .003540 | .002265 | .06075 |
| %RSD | 7.935869 | 13.73054 | .4769762 | 9.255210 | 75.20902 | .0679031 |
| #1 | .0324097 | -.017956 | .2683339 | -.037505 | -.003312 | 89.41118 |
| #2 | .0295635 | -.019404 | .2708031 | -.035139 | -.005110 | 89.53114 |
| #3 | .0276996 | -.023324 | .2701967 | -.042101 | -.000611 | 89.45448 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5776208 | .0067597 | .0032081 | 553.1516 | .3160188 | .1499773 |
| Stddev | .0011376 | .0000393 | .0001133 | 2.6141 | .0013620 | .0002836 |
| %RSD | .1969496 | .5810533 | 3.530661 | .4725886 | .4309828 | .1891068 |
| #1 | .5778262 | .0067510 | .0031650 | 550.3796 | .3161760 | .1501878 |
| #2 | .5763944 | .0068027 | .0031227 | 553.5027 | .3172953 | .1496548 |
| #3 | .5786416 | .0067256 | .0033365 | 555.5724 | .3145850 | .1500894 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4393173 | 178.4306 | 5.850603 | 80.97139 | .2503685 | -.001899 |
| Stddev | .0008693 | .6479 | .011148 | .63271 | .0012545 | .000278 |
| %RSD | .1978746 | .3631061 | .1905461 | .7814000 | .5010707 | 14.62910 |
| #1 | .4389847 | 179.1301 | 5.837752 | 80.24481 | .2502462 | -.002103 |
| #2 | .4386635 | 178.3105 | 5.857683 | 81.26846 | .2491796 | -.001583 |
| #3 | .4403039 | 177.8511 | 5.856374 | 81.40089 | .2516797 | -.002010 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 805.1249 | .2432429 | .5181336 | 72.35626 | -.135766 | .0708977 |
| Stddev | 10.8512 | .0009131 | .0015158 | .57143 | .004230 | .0006541 |
| %RSD | 1.347760 | .3753861 | .2925566 | .7897481 | 3.115449 | .9226284 |
| #1 | 792.6452 | .2421977 | .5198551 | 72.96965 | -.131240 | .0706824 |
| #2 | 810.3948 | .2436450 | .5169990 | 72.26019 | -.136438 | .0703783 |
| #3 | 812.3347 | .2438859 | .5175467 | 71.83896 | -.139619 | .0716323 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-08 Acquired: 3/13/2025 15:46:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.000377 | 7.984031 | F 79.88794 | 4.457025 | F 267.2164 | .0956745 |
| Stddev | .000782 | .009226 | .24552 | .016528 | .8002 | .0010523 |
| %RSD | 207.2296 | .1155592 | .3073325 | .3708198 | .2994451 | 1.099841 |
| #1 | -.001014 | 7.973468 | 80.13918 | 4.451523 | 267.8537 | .0968876 |
| #2 | .000496 | 7.988110 | 79.87607 | 4.443950 | 266.3184 | .0951286 |
| #3 | -.000614 | 7.990515 | 79.64857 | 4.475601 | 267.4770 | .0950074 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 2.238609 |
| Stddev | .012761 |
| %RSD | .5700403 |
| #1 | 2.226496 |
| #2 | 2.237397 |
| #3 | 2.251932 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3440.486 | 76401.41 | 16320.48 | 2214.251 | 3508.898 |
| Stddev | 3.105 | 124.17 | 99.61 | 5.781 | 4.123 |
| %RSD | .0902349 | .1625175 | .6103105 | .2610625 | .1174985 |
| #1 | 3440.593 | 76349.22 | 16433.72 | 2207.580 | 3510.600 |
| #2 | 3443.536 | 76311.85 | 16281.30 | 2217.785 | 3511.897 |
| #3 | 3437.330 | 76543.15 | 16246.42 | 2217.387 | 3504.196 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-09 Acquired: 3/13/2025 15:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.003184 | -.002713 | .0014289 | .0019771 | .0021856 | .0098577 | .0013232 |
| Stddev | .001843 | .001001 | .0009563 | .0010928 | .0012053 | .0025777 | .0010122 |
| %RSD | 57.89168 | 36.90088 | 66.92296 | 55.27530 | 55.14599 | 26.14869 | 76.49287 |
| #1 | -.004465 | -.003751 | .0006975 | .0028958 | .0013298 | .0101965 | .0024291 |
| #2 | -.004015 | -.002635 | .0025110 | .0007686 | .0035640 | .0122492 | .0004427 |
| #3 | -.001071 | -.001753 | .0010782 | .0022668 | .0016630 | .0071274 | .0010979 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000178 | -.000086 | .1154372 | .0002640 | -.000286 | .0002708 | .0467276 |
| Stddev | .000031 | .000023 | .0072757 | .0004818 | .000107 | .0002235 | .0017964 |
| %RSD | 17.14834 | 26.57647 | 6.302711 | 182.5310 | 37.23821 | 82.53874 | 3.844502 |
| #1 | -.000167 | -.000090 | .1108948 | .0001316 | -.000195 | .0000761 | .0483996 |
| #2 | -.000155 | -.000062 | .1238289 | -.000138 | -.000259 | .0005149 | .0448283 |
| #3 | -.000213 | -.000107 | .1115880 | .000798 | -.000403 | .0002214 | .0469549 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0030684 | .0053782 | .0001827 | .0000782 | .3511492 | -.000329 | .0096047 |
| Stddev | .0003982 | .0188098 | .0004483 | .0000856 | .0100021 | .001302 | .0000880 |
| %RSD | 12.97613 | 349.7430 | 245.3819 | 109.3460 | 2.848392 | 396.4565 | .9160392 |
| #1 | .0026726 | -.009125 | .0003832 | -.000020 | .3411893 | -.001217 | .0095132 |
| #2 | .0034689 | -.001373 | .0004958 | .000131 | .3611929 | .001167 | .0096886 |
| #3 | .0030637 | .026632 | -.000331 | .000124 | .3510653 | -.000935 | .0096122 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000972 | -.003720 | .0009893 | -.001346 | .0015653 | .0773578 | .0023141 |
| Stddev | .008813 | .000980 | .0001908 | .000196 | .0002632 | .0093994 | .0027849 |
| %RSD | 906.2976 | 26.33277 | 19.29059 | 14.56819 | 16.81855 | 12.15051 | 120.3466 |
| #1 | .009204 | -.004394 | .0011705 | -.001249 | .0017760 | .0851335 | .0048703 |
| #2 | -.006033 | -.002596 | .0010073 | -.001217 | .0012702 | .0800275 | -.000654 |
| #3 | -.006088 | -.004170 | .0007901 | -.001572 | .0016496 | .0669123 | .002726 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-09 Acquired: 3/13/2025 15:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0342528 | -.001733 | .0002198 |
| Stddev | .0028623 | .001617 | .0000672 |
| %RSD | 8.356258 | 93.30647 | 30.59150 |
| | | | |
| #1 | .0375526 | -.003064 | .0002975 |
| #2 | .0327645 | .000066 | .0001808 |
| #3 | .0324413 | -.002200 | .0001812 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3527.736 | 78665.98 | 14684.26 | 2286.032 | 5146.973 |
| Stddev | 10.168 | 141.63 | 13.16 | 2.894 | 15.849 |
| %RSD | .2882272 | .1800424 | .0896097 | .1265969 | .3079271 |
| | | | | | |
| #1 | 3536.947 | 78538.48 | 14672.76 | 2282.795 | 5159.738 |
| #2 | 3529.435 | 78818.43 | 14681.42 | 2288.370 | 5151.949 |
| #3 | 3516.825 | 78641.02 | 14698.61 | 2286.930 | 5129.234 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-01 Acquired: 3/13/2025 15:55:42 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0871207 | -.005467 | 23.18623 | -.060182 | -.002484 | 123.5938 |
| Stddev | .0045947 | .003959 | .06284 | .001985 | .001470 | .8630 |
| %RSD | 5.273964 | 72.42764 | .2710147 | 3.298321 | 59.20093 | .6982754 |
| #1 | .0920172 | -.008524 | 23.16857 | -.058743 | -.003720 | 122.7979 |
| #2 | .0864415 | -.000994 | 23.13411 | -.059356 | -.002874 | 123.4725 |
| #3 | .0829034 | -.006882 | 23.25601 | -.062446 | -.000858 | 124.5111 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.208045 | .0099988 | .0009029 | 358.6861 | .4275815 | .1924679 |
| Stddev | .017001 | .0001030 | .0002183 | 3.7065 | .0008877 | .0009714 |
| %RSD | .7699379 | 1.029912 | 24.18086 | 1.033357 | .2075995 | .5047217 |
| #1 | 2.190181 | .0098859 | .0006523 | 354.4064 | .4265868 | .1917864 |
| #2 | 2.209928 | .0100226 | .0010045 | 360.7877 | .4282930 | .1920370 |
| #3 | 2.224025 | .0100877 | .0010520 | 360.8642 | .4278648 | .1935802 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.414645 | 372.3224 | 5.000391 | 72.16003 | .4548137 | -.001188 |
| Stddev | .003843 | 2.0452 | .042594 | .53553 | .0013346 | .000583 |
| %RSD | .2716306 | .5493024 | .8518160 | .7421430 | .2934278 | 49.04365 |
| #1 | 1.417279 | 374.3897 | 4.953989 | 71.67975 | .4550472 | -.001124 |
| #2 | 1.410236 | 370.3001 | 5.009470 | 72.06284 | .4533779 | -.001801 |
| #3 | 1.416420 | 372.2774 | 5.037714 | 72.73750 | .4560161 | -.000641 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.415483 | .5315693 | 3.078248 | 26.92045 | -.103160 | .0112221 |
| Stddev | .008404 | .0035877 | .006968 | .16928 | .020239 | .0004650 |
| %RSD | .1309928 | .6749247 | .2263487 | .6288200 | 19.61919 | 4.143892 |
| #1 | 6.419862 | .5274758 | 3.073088 | 27.11380 | -.080276 | .0114272 |
| #2 | 6.420794 | .5330649 | 3.075483 | 26.79892 | -.118709 | .0115494 |
| #3 | 6.405795 | .5341673 | 3.086174 | 26.84864 | -.110495 | .0106898 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-01 Acquired: 3/13/2025 15:55:42 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .5899327 | 9.023982 | 8.506568 | F 10.58503 | F 23.22771 | .2956579 |
| Stddev | .0017763 | .072181 | .060714 | .04987 | .07095 | .0011157 |
| %RSD | .3010988 | .7998832 | .7137267 | .4711637 | .3054584 | .3773560 |
| #1 | .5885253 | 8.954675 | 8.567133 | 10.56405 | 23.20940 | .2951274 |
| #2 | .5893443 | 9.018541 | 8.445707 | 10.54909 | 23.16770 | .2949065 |
| #3 | .5919286 | 9.098729 | 8.506863 | 10.64197 | 23.30601 | .2969399 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .8930109 |
| Stddev | .0059547 |
| %RSD | .6668135 |
| #1 | .8869061 |
| #2 | .8933235 |
| #3 | .8988032 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3575.614 | 78638.36 | 16443.87 | 2313.791 | 3920.439 |
| Stddev | 8.707 | 256.35 | 155.43 | 11.692 | 6.150 |
| %RSD | .2434968 | .3259876 | .9452131 | .5053155 | .1568656 |
| #1 | 3569.192 | 78344.24 | 16619.91 | 2303.250 | 3918.789 |
| #2 | 3585.524 | 78814.38 | 16386.09 | 2326.367 | 3927.246 |
| #3 | 3572.127 | 78756.45 | 16325.60 | 2311.757 | 3915.283 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-03 Acquired: 3/13/2025 15:59:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0391543 | .0053854 | .3593858 | -.029138 | -.000975 | 61.22313 |
| Stddev | .0059857 | .0014364 | .0014841 | .002340 | .002075 | .08229 |
| %RSD | 15.28756 | 26.67264 | .4129568 | 8.029839 | 212.7173 | .1344046 |
| #1 | .0362396 | .0067847 | .3583622 | -.031502 | -.002041 | 61.24313 |
| #2 | .0460391 | .0039145 | .3587074 | -.026823 | -.002301 | 61.13268 |
| #3 | .0351841 | .0054570 | .3610879 | -.029088 | .001416 | 61.29357 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3513439 | .0071857 | -.004562 | 17.08973 | .1202755 | .1007960 |
| Stddev | .0019515 | .0000525 | .000254 | .05923 | .0009228 | .0007926 |
| %RSD | .5554354 | .7312165 | 5.569917 | .3465924 | .7672520 | .7863131 |
| #1 | .3505937 | .0071261 | -.004854 | 17.12127 | .1204901 | .1003319 |
| #2 | .3498788 | .0072058 | -.004441 | 17.02140 | .1192643 | .1003450 |
| #3 | .3535591 | .0072252 | -.004391 | 17.12651 | .1210721 | .1017112 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2423933 | 204.9785 | 1.059864 | 20.46842 | .1789276 | -.000597 |
| Stddev | .0019772 | 1.1204 | .004136 | .05167 | .0005934 | .000130 |
| %RSD | .8156856 | .5466082 | .3902408 | .2524280 | .3316620 | 21.70344 |
| #1 | .2406851 | 204.7676 | 1.061972 | 20.46332 | .1788084 | -.000559 |
| #2 | .2419357 | 203.9786 | 1.055098 | 20.41950 | .1784029 | -.000491 |
| #3 | .2445592 | 206.1894 | 1.062521 | 20.52246 | .1795717 | -.000742 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9641644 | .2153836 | .7584826 | 5.896874 | -.320959 | .0062851 |
| Stddev | .0113343 | .0011653 | .0064006 | .050076 | .005065 | .0000585 |
| %RSD | 1.175561 | .5410279 | .8438703 | .8491888 | 1.578175 | .9310184 |
| #1 | .9552753 | .2140393 | .7548454 | 5.845479 | -.322491 | .0062241 |
| #2 | .9602900 | .2160049 | .7547294 | 5.899627 | -.315305 | .0062905 |
| #3 | .9769279 | .2161066 | .7658731 | 5.945516 | -.325082 | .0063408 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-03 Acquired: 3/13/2025 15:59:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0143507 | 2.655818 | 7.824181 | 5.758984 | F 31.05426 | .1876076 |
| Stddev | .0012651 | .008918 | .012258 | .035959 | .22247 | .0007490 |
| %RSD | 8.815803 | .3357945 | .1566702 | .6243957 | .7163814 | .3992404 |
| #1 | .0141597 | 2.654828 | 7.819531 | 5.734672 | 30.87143 | .1879770 |
| #2 | .0157005 | 2.647435 | 7.814929 | 5.741989 | 30.98940 | .1867457 |
| #3 | .0131920 | 2.665189 | 7.838084 | 5.800290 | 31.30194 | .1881002 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1115827 |
| Stddev | .0004672 |
| %RSD | .4187153 |
| #1 | .1114456 |
| #2 | .1111994 |
| #3 | .1121032 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3893.580 | 84713.78 | 16737.34 | 2494.005 | 4544.070 |
| Stddev | 21.552 | 270.54 | 53.32 | 17.608 | 21.014 |
| %RSD | .5535172 | .3193622 | .3185709 | .7060275 | .4624393 |
| #1 | 3907.279 | 84703.17 | 16712.49 | 2497.379 | 4558.955 |
| #2 | 3904.724 | 84989.47 | 16798.55 | 2509.682 | 4553.223 |
| #3 | 3868.738 | 84448.70 | 16700.98 | 2474.953 | 4520.033 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-05 Acquired: 3/13/2025 16:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0489500 | -.037252 | .3476853 | -.050068 | -.011717 | 126.7863 |
| Stddev | .0016375 | .004002 | .0016286 | .001458 | .000437 | .3073 |
| %RSD | 3.345205 | 10.74323 | .4684208 | 2.911487 | 3.725822 | .2424016 |
| #1 | .0506848 | -.040916 | .3459345 | -.050949 | -.012146 | 126.5164 |
| #2 | .0474313 | -.032982 | .3491552 | -.048386 | -.011730 | 126.7217 |
| #3 | .0487338 | -.037859 | .3479664 | -.050870 | -.011274 | 127.1208 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6460608 | .0101261 | .0144804 | 131.9033 | .5792010 | .2226921 |
| Stddev | .0008907 | .0002004 | .0007311 | .2169 | .0020544 | .0013444 |
| %RSD | .1378666 | 1.979214 | 5.048802 | .1644256 | .3546954 | .6036836 |
| #1 | .6464800 | .0101951 | .0141286 | 131.9835 | .5789752 | .2213021 |
| #2 | .6466646 | .0099003 | .0139918 | 131.6578 | .5813590 | .2227884 |
| #3 | .6450379 | .0102830 | .0153209 | 132.0687 | .5772689 | .2239856 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7632026 | 293.3684 | 2.858104 | 94.94989 | .3894334 | -.005047 |
| Stddev | .0023512 | 1.4437 | .004286 | .38366 | .0013867 | .000292 |
| %RSD | .3080674 | .4921093 | .1499548 | .4040670 | .3560902 | 5.787344 |
| #1 | .7615192 | 293.5977 | 2.855332 | 94.89657 | .3893056 | -.004725 |
| #2 | .7621997 | 294.6837 | 2.863041 | 94.59568 | .3881151 | -.005122 |
| #3 | .7658889 | 291.8238 | 2.855940 | 95.35743 | .3908797 | -.005294 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.926508 | .3924544 | .6317177 | 36.91144 | -.507695 | .0430183 |
| Stddev | .048633 | .0025149 | .0026922 | .28769 | .007135 | .0001335 |
| %RSD | 1.238594 | .6408056 | .4261656 | .7794169 | 1.405331 | .3102577 |
| #1 | 3.940802 | .3930853 | .6287315 | 36.91401 | -.510747 | .0429063 |
| #2 | 3.966393 | .3896842 | .6339590 | 37.19785 | -.499542 | .0429826 |
| #3 | 3.872330 | .3945938 | .6324624 | 36.62248 | -.512796 | .0431659 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-05 Acquired: 3/13/2025 16:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0062598 | F 12.80620 | 9.933228 | F 12.45244 | F 19.11150 | .2549414 |
| Stddev | .0008536 | .01048 | .022092 | .06878 | .11545 | .0008450 |
| %RSD | 13.63531 | .0818341 | .2224095 | .5523099 | .6040925 | .3314337 |
| #1 | .0071960 | 12.79585 | 9.917959 | 12.45820 | 19.12086 | .2540457 |
| #2 | .0055248 | 12.80594 | 9.958560 | 12.38097 | 18.99165 | .2557244 |
| #3 | .0060586 | 12.81681 | 9.923164 | 12.51816 | 19.22198 | .2550541 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .2675729 |
| Stddev | .0005621 |
| %RSD | .2100656 |
| #1 | .2674106 |
| #2 | .2681983 |
| #3 | .2671098 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4464.365 | 100558.1 | 20172.09 | 2877.370 | 4051.430 |
| Stddev | 5.100 | 259.3 | 62.95 | 24.268 | 10.529 |
| %RSD | .1142491 | .2578828 | .3120436 | .8433933 | .2598787 |
| #1 | 4469.491 | 100571.7 | 20170.44 | 2902.995 | 4059.958 |
| #2 | 4464.313 | 100292.2 | 20235.84 | 2854.738 | 4054.669 |
| #3 | 4459.290 | 100810.4 | 20109.98 | 2874.377 | 4039.662 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1525-01 Acquired: 3/13/2025 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0801272 | .0171867 | .0684569 | -.032070 | -.002476 | 44.77009 |
| Stddev | .0009258 | .0009410 | .0013120 | .000687 | .001894 | .13364 |
| %RSD | 1.155460 | 5.475253 | 1.916476 | 2.141216 | 76.49803 | .2985076 |
| #1 | .0811648 | .0181833 | .0671820 | -.031332 | -.000326 | 44.62507 |
| #2 | .0798315 | .0163134 | .0683856 | -.032689 | -.003205 | 44.79690 |
| #3 | .0793854 | .0170635 | .0698030 | -.032191 | -.003898 | 44.88829 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4508892 | .0005516 | -.004504 | 164.5027 | .1302505 | .0382186 |
| Stddev | .0001511 | .0000504 | .000410 | .4292 | .0008850 | .0000624 |
| %RSD | .0334999 | 9.133256 | 9.106196 | .2608886 | .6794990 | .1633666 |
| #1 | .4510035 | .0006019 | -.004441 | 164.3938 | .1292408 | .0381764 |
| #2 | .4509461 | .0005012 | -.004129 | 164.1386 | .1306187 | .0382903 |
| #3 | .4507180 | .0005517 | -.004942 | 164.9759 | .1308920 | .0381891 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1314286 | 196.3914 | F 45.64130 | 68.90890 | .0677182 | .0010929 |
| Stddev | .0009196 | 1.6723 | .13398 | .21513 | .0001762 | .0002274 |
| %RSD | .6996855 | .8515250 | .2935561 | .3122019 | .2601632 | 20.80963 |
| #1 | .1303974 | 195.9124 | 45.70729 | 68.95080 | .0677855 | .0008982 |
| #2 | .1317248 | 195.0109 | 45.48712 | 68.67590 | .0675183 | .0013428 |
| #3 | .1321635 | 198.2510 | 45.72949 | 69.10001 | .0678508 | .0010377 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 1985.507 | .0945519 | .3747035 | 16.61106 | -.143881 | .0043587 |
| Stddev | 12.397 | .0009619 | .0037361 | .20258 | .003506 | .0004180 |
| %RSD | .6243896 | 1.017309 | .9970876 | 1.219525 | 2.436466 | 9.589962 |
| #1 | 1972.660 | .0944109 | .3738124 | 16.47384 | -.141909 | .0047578 |
| #2 | 1986.460 | .0955765 | .3714935 | 16.51561 | -.147928 | .0039241 |
| #3 | 1997.400 | .0936683 | .3788046 | 16.84373 | -.141805 | .0043943 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1525-01 Acquired: 3/13/2025 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0005255 | .8999175 | F 66.16455 | 2.190650 | 5.577888 | .1237565 |
| Stddev | .0020138 | .0010908 | .53010 | .002574 | .011923 | .0008950 |
| %RSD | 383.2416 | .1212142 | .8011814 | .1175062 | .2137491 | .7232172 |
| #1 | .0022081 | .8986580 | 66.01578 | 2.189274 | 5.574743 | .1227792 |
| #2 | -.001706 | .9005562 | 65.72473 | 2.189056 | 5.591068 | .1239539 |
| #3 | .001074 | .9005383 | 66.75313 | 2.193620 | 5.567853 | .1245363 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .7385761 |
| Stddev | .0021266 |
| %RSD | .2879298 |
| #1 | .7364540 |
| #2 | .7385671 |
| #3 | .7407071 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2902.514 | 63429.95 | 14592.03 | 1861.546 | 3393.609 |
| Stddev | 3.539 | 290.08 | 24.97 | 5.243 | 2.523 |
| %RSD | .1219176 | .4573224 | .1711153 | .2816584 | .0743424 |
| #1 | 2903.260 | 63595.84 | 14613.05 | 1865.985 | 3391.058 |
| #2 | 2898.662 | 63599.00 | 14564.43 | 1862.892 | 3396.103 |
| #3 | 2905.621 | 63094.99 | 14598.60 | 1855.761 | 3393.666 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-01 Acquired: 3/13/2025 16:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0809046 | .0073349 | 1.308047 | -.031613 | .0001303 | 110.9329 |
| Stddev | .0010867 | .0012905 | .004777 | .003521 | .0011480 | .6071 |
| %RSD | 1.343173 | 17.59328 | .3651749 | 11.13637 | 880.7404 | .5472610 |
| #1 | .0818126 | .0076954 | 1.302983 | -.031343 | -.000635 | 110.2565 |
| #2 | .0812005 | .0084067 | 1.308688 | -.035261 | .001450 | 111.1114 |
| #3 | .0797006 | .0059025 | 1.312471 | -.028235 | -.000425 | 111.4307 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8722620 | .0123409 | -.002487 | 13.00095 | .1917018 | .0676780 |
| Stddev | .0028472 | .0000282 | .000457 | .06674 | .0002520 | .0009225 |
| %RSD | .3264111 | .2281961 | 18.38230 | .5133622 | .1314768 | 1.363114 |
| #1 | .8691358 | .0123110 | -.002863 | 12.92539 | .1919776 | .0666763 |
| #2 | .8729437 | .0123450 | -.002620 | 13.05186 | .1916442 | .0678649 |
| #3 | .8747063 | .0123669 | -.001978 | 13.02560 | .1914835 | .0684927 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4271752 | 221.9096 | .8787837 | 10.12546 | .1107781 | -.002309 |
| Stddev | .0031462 | .4913 | .0039179 | .06419 | .0006256 | .000515 |
| %RSD | .7365076 | .2213876 | .4458363 | .6339846 | .5646878 | 22.32472 |
| #1 | .4240029 | 221.9413 | .8747473 | 10.05140 | .1100948 | -.002878 |
| #2 | .4272280 | 222.3843 | .8790323 | 10.16521 | .1109170 | -.001875 |
| #3 | .4302946 | 221.4033 | .8825714 | 10.15977 | .1113226 | -.002173 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.890263 | .2937272 | 2.052961 | 4.752366 | -.361858 | .0041064 |
| Stddev | .021509 | .0010978 | .008974 | .027575 | .004738 | .0005230 |
| %RSD | 1.137904 | .3737405 | .4371365 | .5802320 | 1.309378 | 12.73509 |
| #1 | 1.910977 | .2924602 | 2.061005 | 4.781298 | -.356438 | .0042361 |
| #2 | 1.868038 | .2943269 | 2.054598 | 4.726386 | -.363919 | .0045522 |
| #3 | 1.891774 | .2943945 | 2.043281 | 4.749415 | -.365217 | .0035308 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-01 Acquired: 3/13/2025 16:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0294382 | 2.460815 | 4.329718 | 3.959374 | F 51.75174 | .1612114 |
| Stddev | .0011683 | .003572 | .048952 | .022002 | .22538 | .0008377 |
| %RSD | 3.968635 | .1451525 | 1.130603 | .5556912 | .4355042 | .5196055 |
| #1 | .0303282 | 2.456751 | 4.370620 | 3.937630 | 51.51564 | .1611153 |
| #2 | .0281152 | 2.462238 | 4.275480 | 3.958866 | 51.77500 | .1620929 |
| #3 | .0298710 | 2.463457 | 4.343052 | 3.981625 | 51.96460 | .1604259 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1062601 |
| Stddev | .0005458 |
| %RSD | .5135986 |
| #1 | .1056314 |
| #2 | .1065376 |
| #3 | .1066114 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3621.209 | 78806.01 | 15348.68 | 2346.913 | 4530.694 |
| Stddev | 19.534 | 163.26 | 60.26 | 8.473 | 26.730 |
| %RSD | .5394374 | .2071645 | .3926302 | .3610405 | .5899709 |
| #1 | 3642.300 | 78698.13 | 15418.09 | 2337.394 | 4560.033 |
| #2 | 3617.590 | 78726.06 | 15318.20 | 2349.713 | 4524.324 |
| #3 | 3603.737 | 78993.83 | 15309.74 | 2353.633 | 4507.725 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1553-01 Acquired: 3/13/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0786960 | -.000142 | 1.053602 | -.027035 | -.002037 | 93.00965 | .6691490 |
| Stddev | .0012193 | .001529 | .007137 | .001563 | .001176 | .27445 | .0022107 |
| %RSD | 1.549320 | 1076.143 | .6773605 | 5.781105 | 57.76095 | .2950738 | .3303673 |
| #1 | .0781367 | .001445 | 1.048837 | -.027401 | -.002079 | 92.69792 | .6673892 |
| #2 | .0800946 | -.001605 | 1.061807 | -.028383 | -.003191 | 93.21492 | .6716302 |
| #3 | .0778568 | -.000265 | 1.050160 | -.025322 | -.000840 | 93.11611 | .6684276 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0080836 | -.001879 | 27.43092 | .2628337 | .1037721 | .4492896 | 199.5639 |
| Stddev | .0002120 | .000329 | .10190 | .0015549 | .0005961 | .0028680 | .4878 |
| %RSD | 2.622259 | 17.52722 | .3714801 | .5915972 | .5744171 | .6383393 | .2444343 |
| #1 | .0079521 | -.001785 | 27.36916 | .2614483 | .1037297 | .4479420 | 199.1847 |
| #2 | .0083282 | -.001606 | 27.54853 | .2625372 | .1043883 | .4525832 | 199.3928 |
| #3 | .0079706 | -.002244 | 27.37506 | .2645155 | .1031984 | .4473437 | 200.1142 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.052964 | 30.69542 | .2043849 | -.001406 | 4.744668 | .4032470 | 1.483753 |
| Stddev | .017399 | .14209 | .0007665 | .000305 | .013526 | .0021579 | .001969 |
| %RSD | .3443239 | .4628871 | .3750065 | 21.66135 | .2850878 | .5351299 | .1326891 |
| #1 | 5.038946 | 30.54823 | .2040092 | -.001662 | 4.750607 | .4016107 | 1.483091 |
| #2 | 5.072437 | 30.83177 | .2052668 | -.001069 | 4.729188 | .4056925 | 1.482200 |
| #3 | 5.047509 | 30.70625 | .2038788 | -.001487 | 4.754208 | .4024378 | 1.485967 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.036681 | -.296373 | .0057563 | .0261749 | 3.719837 | 4.226966 | 6.965037 |
| Stddev | .007947 | .003437 | .0003489 | .0006902 | .016833 | .051953 | .036721 |
| %RSD | .1129433 | 1.159653 | 6.060600 | 2.636782 | .4525254 | 1.229096 | .5272226 |
| #1 | 7.045077 | -.293037 | .0060724 | .0264347 | 3.718589 | 4.178632 | 6.952737 |
| #2 | 7.029275 | -.296181 | .0058144 | .0266974 | 3.737259 | 4.220358 | 7.006330 |
| #3 | 7.035691 | -.299902 | .0053820 | .0253925 | 3.703662 | 4.281907 | 6.936045 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1553-01 Acquired: 3/13/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 3.847599 | .1534642 | .1024864 |
| Stddev | .024116 | .0007312 | .0003076 |
| %RSD | .6267900 | .4764764 | .3001665 |
| | | | |
| #1 | 3.836556 | .1530047 | .1021374 |
| #2 | 3.875260 | .1543074 | .1027183 |
| #3 | 3.830982 | .1530805 | .1026034 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3766.451 | 82496.87 | 16240.33 | 2423.364 | 4573.800 |
| Stddev | 24.844 | 129.27 | 77.92 | .964 | 30.209 |
| %RSD | .6596035 | .1567000 | .4798012 | .0397775 | .6604684 |
| | | | | | |
| #1 | 3778.606 | 82596.07 | 16307.12 | 2424.476 | 4588.854 |
| #2 | 3737.870 | 82543.87 | 16154.72 | 2422.855 | 4539.022 |
| #3 | 3782.876 | 82350.67 | 16259.15 | 2422.762 | 4593.523 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01 Acquired: 3/13/2025 16:20:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0339865 | .0021290 | .3909944 | -.033325 | -.004043 | 98.02091 | .6043365 |
| Stddev | .0030003 | .0035038 | .0006866 | .001296 | .001886 | .24847 | .0037406 |
| %RSD | 8.827803 | 164.5779 | .1756044 | 3.890254 | 46.64733 | .2534819 | .6189583 |
| #1 | .0344399 | .0061748 | .3915037 | -.034442 | -.006069 | 97.77527 | .6001048 |
| #2 | .0367343 | .0000883 | .3912659 | -.033629 | -.003723 | 98.27210 | .6072018 |
| #3 | .0307854 | .0001238 | .3902136 | -.031904 | -.002338 | 98.01536 | .6057028 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0072930 | -.003558 | 54.95876 | .1557485 | .0964963 | .5702442 | 204.7974 |
| Stddev | .0000296 | .000198 | .20700 | .0011085 | .0001526 | .0001602 | 1.1502 |
| %RSD | .4061189 | 5.556019 | .3766410 | .7117116 | .1581268 | .0280928 | .5616498 |
| #1 | .0072676 | -.003618 | 54.72542 | .1551947 | .0963282 | .5702405 | 204.2811 |
| #2 | .0073255 | -.003337 | 55.03057 | .1550261 | .0966261 | .5700859 | 203.9958 |
| #3 | .0072860 | -.003718 | 55.12028 | .1570247 | .0965345 | .5704062 | 206.1153 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.575067 | 42.35114 | .1704996 | -.002000 | 10.56011 | .3207143 | .4684422 |
| Stddev | .023266 | .11693 | .0002851 | .000258 | .07272 | .0006210 | .0004396 |
| %RSD | .4173156 | .2761009 | .1671864 | 12.90901 | .6886662 | .1936323 | .0938458 |
| #1 | 5.549115 | 42.23814 | .1708277 | -.002079 | 10.47992 | .3200325 | .4683939 |
| #2 | 5.594055 | 42.34365 | .1703126 | -.001711 | 10.57861 | .3208627 | .4680287 |
| #3 | 5.582033 | 42.47164 | .1703586 | -.002209 | 10.62180 | .3212477 | .4689040 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.528750 | -.239485 | .0030371 | .0253643 | 3.287626 | 3.920813 | 5.634008 |
| Stddev | .050687 | .005226 | .0001683 | .0008995 | .018419 | .049244 | .012030 |
| %RSD | .5319373 | 2.182016 | 5.540500 | 3.546330 | .5602625 | 1.255959 | .2135186 |
| #1 | 9.471034 | -.237010 | .0032089 | .0244157 | 3.267664 | 3.912907 | 5.625727 |
| #2 | 9.549196 | -.245488 | .0028726 | .0254725 | 3.303965 | 3.876001 | 5.628491 |
| #3 | 9.566022 | -.235957 | .0030297 | .0262049 | 3.291248 | 3.973532 | 5.647807 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01 Acquired: 3/13/2025 16:20:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 3.482828 | .1823191 | .1987714 |
| Stddev | .004897 | .0007377 | .0008466 |
| %RSD | .1406051 | .4046228 | .4259287 |
| | | | |
| #1 | 3.480357 | .1822166 | .1978968 |
| #2 | 3.479659 | .1816379 | .1995869 |
| #3 | 3.488468 | .1831027 | .1988305 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3749.094 | 82322.26 | 16550.34 | 2401.941 | 4411.084 |
| Stddev | 3.894 | 301.29 | 56.27 | 7.949 | 7.779 |
| %RSD | .1038555 | .3659926 | .3399892 | .3309238 | .1763558 |
| | | | | | |
| #1 | 3753.558 | 82460.35 | 16603.53 | 2407.170 | 4419.843 |
| #2 | 3746.402 | 82529.76 | 16491.43 | 2405.860 | 4404.978 |
| #3 | 3747.321 | 81976.67 | 16556.06 | 2392.794 | 4408.433 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01DUP Acquired: 3/13/2025 16:24:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0366320 | .0023962 | .3988622 | -.029783 | -.006422 | 99.67545 | .6048908 |
| Stddev | .0007764 | .0012333 | .0114460 | .003326 | .001612 | .15506 | .0008952 |
| %RSD | 2.119437 | 51.46896 | 2.869655 | 11.16789 | 25.10210 | .1555614 | .1479899 |
| #1 | .0364061 | .0035263 | .3870460 | -.026487 | -.007297 | 99.58383 | .6039112 |
| #2 | .0374963 | .0025816 | .3996425 | -.029722 | -.004562 | 99.85448 | .6050950 |
| #3 | .0359937 | .0010807 | .4098980 | -.033139 | -.007408 | 99.58804 | .6056662 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0074571 | -.003424 | 55.23515 | .1617744 | .0968868 | .5712019 | 205.9855 |
| Stddev | .0000718 | .001046 | .09509 | .0010806 | .0031960 | .0163971 | 1.0406 |
| %RSD | .9635729 | 30.53905 | .1721564 | .6679472 | 3.298732 | 2.870628 | .5051772 |
| #1 | .0074203 | -.004604 | 55.14603 | .1612380 | .0936398 | .5533127 | 205.8338 |
| #2 | .0074111 | -.003060 | 55.22417 | .1610669 | .0969913 | .5747758 | 205.0292 |
| #3 | .0075399 | -.002609 | 55.33526 | .1630182 | .1000293 | .5855173 | 207.0937 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.623499 | 42.68965 | .1709418 | -.002495 | 10.55212 | .3237391 | .4691116 |
| Stddev | .015365 | .06285 | .0047427 | .000188 | .05163 | .0004784 | .0027126 |
| %RSD | .2732261 | .1472297 | 2.774457 | 7.535386 | .4892581 | .1477706 | .5782510 |
| #1 | 5.614541 | 42.62228 | .1659107 | -.002702 | 10.53667 | .3236260 | .4694466 |
| #2 | 5.614715 | 42.69997 | .1715840 | -.002447 | 10.50999 | .3233274 | .4662471 |
| #3 | 5.641241 | 42.74671 | .1753307 | -.002335 | 10.60971 | .3242639 | .4716413 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.513473 | -.270918 | .0033447 | .0265877 | 3.291201 | 3.175496 | 5.617412 |
| Stddev | .026756 | .002662 | .0000611 | .0014580 | .005760 | .015918 | .180946 |
| %RSD | .2812393 | .9826179 | 1.825616 | 5.483668 | .1750264 | .5012847 | 3.221156 |
| #1 | 9.494422 | -.268117 | .0033716 | .0272131 | 3.290551 | 3.191571 | 5.424615 |
| #2 | 9.501935 | -.273415 | .0033878 | .0249213 | 3.285793 | 3.175179 | 5.644073 |
| #3 | 9.544061 | -.271222 | .0032748 | .0276286 | 3.297259 | 3.159739 | 5.783548 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01DUP Acquired: 3/13/2025 16:24:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 3.479496 | .1833170 | .1992327 |
| Stddev | .129306 | .0010650 | .0002160 |
| %RSD | 3.716218 | .5809318 | .1084086 |
| | | | |
| #1 | 3.342435 | .1824447 | .1992319 |
| #2 | 3.496736 | .1830026 | .1994491 |
| #3 | 3.599316 | .1845038 | .1990171 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3732.730 | 80731.86 | 16181.27 | 2341.745 | 4385.003 |
| Stddev | 80.765 | 172.83 | 49.69 | 3.728 | 115.008 |
| %RSD | 2.163698 | .2140847 | .3070604 | .1591962 | 2.622752 |
| | | | | | |
| #1 | 3820.359 | 80885.94 | 16226.20 | 2345.209 | 4510.173 |
| #2 | 3716.553 | 80764.66 | 16127.91 | 2337.799 | 4360.840 |
| #3 | 3661.278 | 80544.97 | 16189.70 | 2342.226 | 4283.997 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV05 Acquired: 3/13/2025 16:28:43 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.247392** | **5.194312** | **5.301775** | **5.151920** | **5.125844** | **10.13496** |
| Stddev | .015993 | .008053 | .016936 | .020528 | .020163 | .04809 |
| %RSD | .3047800 | .1550255 | .3194313 | .3984542 | .3933569 | .4744569 |
| #1 | 5.264687 | 5.199929 | 5.315641 | 5.175542 | 5.148750 | 10.14024 |
| #2 | 5.233138 | 5.185086 | 5.282900 | 5.141804 | 5.118002 | 10.08446 |
| #3 | 5.244351 | 5.197920 | 5.306785 | 5.138413 | 5.110781 | 10.18020 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.882975** | **.2641841** | **2.632399** | **25.60833** | **1.073698** | **2.607598** |
| Stddev | .052065 | .0017737 | .009125 | .13879 | .003109 | .007911 |
| %RSD | .5268121 | .6713975 | .3466480 | .5419590 | .2895671 | .3033785 |
| #1 | 9.918788 | .2644102 | 2.638255 | 25.58325 | 1.077252 | 2.613467 |
| #2 | 9.823250 | .2623082 | 2.621885 | 25.48379 | 1.071481 | 2.598601 |
| #3 | 9.906887 | .2658339 | 2.637058 | 25.75794 | 1.072361 | 2.610725 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.301558** | **5.115165** | **2.526029** | **25.90372** | **2.616404** | **1.298779** |
| Stddev | .003695 | .012796 | .015567 | .13290 | .010164 | .002797 |
| %RSD | .2838730 | .2501559 | .6162591 | .5130494 | .3884681 | .2153635 |
| #1 | 1.305755 | 5.108826 | 2.517240 | 25.91645 | 2.622111 | 1.299385 |
| #2 | 1.300122 | 5.106775 | 2.516845 | 25.76492 | 2.604669 | 1.295728 |
| #3 | 1.298796 | 5.129892 | 2.544003 | 26.02980 | 2.622432 | 1.301223 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.69960** | **2.554252** | **2.581538** | **24.95933** | **5.189989** | **5.192856** |
| Stddev | .06141 | .013014 | .016274 | .04569 | .034558 | .013239 |
| %RSD | .2486348 | .5094918 | .6303989 | .1830543 | .6658578 | .2549373 |
| #1 | 24.62899 | 2.553851 | 2.578327 | 24.90674 | 5.181368 | 5.208101 |
| #2 | 24.74058 | 2.541444 | 2.567109 | 24.98193 | 5.160557 | 5.184263 |
| #3 | 24.72922 | 2.567462 | 2.599179 | 24.98931 | 5.228041 | 5.186203 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV05 Acquired: 3/13/2025 16:28:43 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.264719 | 5.019166 | F 5.519811 | 5.259225 | 5.108575 | 4.887952 |
| Stddev | .021587 | .020612 | .009875 | .021441 | .014325 | .018278 |
| %RSD | .4100326 | .4106691 | .1788932 | .4076835 | .2804197 | .3739337 |
| #1 | 5.286144 | 5.012087 | 5.528329 | 5.268807 | 5.124971 | 4.882418 |
| #2 | 5.242973 | 5.003025 | 5.522116 | 5.234663 | 5.098484 | 4.873080 |
| #3 | 5.265040 | 5.042384 | 5.508988 | 5.274203 | 5.102268 | 4.908357 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 5.038619 |
| Stddev | .021527 |
| %RSD | .4272361 |
| #1 | 5.017384 |
| #2 | 5.038049 |
| #3 | 5.060426 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3271.055 | 71340.54 | 14271.01 | 2084.409 | 4370.025 |
| Stddev | 10.653 | 89.13 | 73.21 | 6.777 | 16.126 |
| %RSD | .3256736 | .1249357 | .5129657 | .3251223 | .3690060 |
| #1 | 3258.894 | 71244.55 | 14256.87 | 2087.907 | 4353.792 |
| #2 | 3275.530 | 71356.37 | 14350.26 | 2088.722 | 4386.041 |
| #3 | 3278.740 | 71420.69 | 14205.91 | 2076.598 | 4370.243 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB05 Acquired: 3/13/2025 16:32:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.000534 | -.000391 | -.000336 | .0023647 | .0007614 | -.002530 | .0039848 |
| Stddev | .001566 | .001306 | .000236 | .0016984 | .0007204 | .004443 | .0003947 |
| %RSD | 293.0461 | 334.1695 | 70.18128 | 71.82244 | 94.61311 | 175.5779 | 9.904125 |
| #1 | -.002245 | -.001899 | -.000608 | .0037143 | .0012432 | -.007368 | .0035395 |
| #2 | -.000187 | .000402 | -.000213 | .0029222 | .0011078 | -.001592 | .0042912 |
| #3 | .000829 | .000324 | -.000187 | .0004576 | -.000067 | .001369 | .0041238 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000032 | .0000419 | -.004206 | -.000155 | -.000104 | .0000228 | -.003390 |
| Stddev | .000034 | .0000416 | .004480 | .000044 | .000191 | .0001872 | .002142 |
| %RSD | 105.8146 | 99.30766 | 106.5162 | 28.71022 | 183.2701 | 822.4375 | 63.18106 |
| #1 | -.000063 | .0000681 | -.001518 | -.000182 | -.000312 | -.000080 | -.000942 |
| #2 | .000004 | .0000638 | -.009377 | -.000103 | -.000065 | .000239 | -.004918 |
| #3 | -.000036 | -.000006 | -.001722 | -.000179 | .000064 | -.000090 | -.004309 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001109 | .0021837 | .0000411 | .0000157 | .1412779 | .0007393 | -.000798 |
| Stddev | .000279 | .0114159 | .0000777 | .0001670 | .0065838 | .0007212 | .000376 |
| %RSD | 25.17604 | 522.7708 | 188.9974 | 1062.069 | 4.660206 | 97.55435 | 47.13541 |
| #1 | -.001431 | .0037389 | -.000048 | -.000177 | .1433175 | .0015375 | -.000883 |
| #2 | -.000967 | .0127424 | .000081 | .000110 | .1466006 | .0001346 | -.001124 |
| #3 | -.000929 | -.009930 | .000091 | .000114 | .1339156 | .0005457 | -.000386 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2349119 | .0010965 | .0002358 | -.001266 | .0009531 | .0044155 | -.003568 |
| Stddev | .0185439 | .0005646 | .0001443 | .000782 | .0004859 | .0037913 | .002259 |
| %RSD | 7.893980 | 51.49463 | 61.19363 | 61.78571 | 50.97619 | 85.86347 | 63.32412 |
| #1 | .2393825 | .0010867 | .0001896 | -.001956 | .0011770 | .0066968 | -.003618 |
| #2 | .2145414 | .0016660 | .0003976 | -.000416 | .0003957 | .0065108 | -.001284 |
| #3 | .2508118 | .0005368 | .0001203 | -.001425 | .0012867 | .0000390 | -.005802 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB05 Acquired: 3/13/2025 16:32:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0022648 | .0031577 | -.000024 |
| Stddev | .0010785 | .0008852 | .000032 |
| %RSD | 47.62011 | 28.03468 | 135.0034 |
| | | | |
| #1 | .0022583 | .0039133 | .000006 |
| #2 | .0033465 | .0021837 | -.000058 |
| #3 | .0011895 | .0033759 | -.000020 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3466.550 | 75129.53 | 14306.28 | 2234.169 | 4972.455 |
| Stddev | 22.034 | 453.52 | 123.25 | 12.701 | 30.945 |
| %RSD | .6356060 | .6036532 | .8614960 | .5685055 | .6223285 |
| | | | | | |
| #1 | 3441.316 | 74914.34 | 14415.03 | 2221.185 | 4937.177 |
| #2 | 3481.983 | 74823.67 | 14172.40 | 2234.756 | 4995.013 |
| #3 | 3476.351 | 75650.59 | 14331.40 | 2246.567 | 4985.175 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01LX5 Acquired: 3/13/2025 16:37:13 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0056311 | .0010316 | .0823445 | -.005665 | -.001462 | 21.53589 | .1373813 |
| Stddev | .0003423 | .0023948 | .0011635 | .000173 | .000161 | .01176 | .0009516 |
| %RSD | 6.077942 | 232.1521 | 1.412915 | 3.057591 | 11.04655 | .0545943 | .6926646 |
| #1 | .0052803 | -.001613 | .0813257 | -.005649 | -.001634 | 21.54452 | .1378834 |
| #2 | .0059641 | .003054 | .0820954 | -.005501 | -.001438 | 21.52249 | .1362839 |
| #3 | .0056491 | .001654 | .0836123 | -.005847 | -.001314 | 21.54064 | .1379767 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0017391 | -.001861 | 12.53230 | .0348690 | .0193433 | .1335922 | 45.18741 |
| Stddev | .0000212 | .000047 | .01296 | .0004974 | .0002203 | .0011811 | .10669 |
| %RSD | 1.218192 | 2.535814 | .1034218 | 1.426396 | 1.138760 | .8840826 | .2361057 |
| #1 | .0017565 | -.001867 | 12.54725 | .0351834 | .0191088 | .1323043 | 45.25884 |
| #2 | .0017453 | -.001905 | 12.52546 | .0351280 | .0195459 | .1338478 | 45.06477 |
| #3 | .0017155 | -.001811 | 12.52420 | .0342956 | .0193752 | .1346245 | 45.23863 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.267462 | 9.601719 | .0347084 | -.000891 | 2.249976 | .0716757 | .1023027 |
| Stddev | .007506 | .024137 | .0003324 | .000457 | .007781 | .0001449 | .0009862 |
| %RSD | .5921889 | .2513813 | .9578171 | 51.35475 | .3458125 | .2021972 | .9639547 |
| #1 | 1.273577 | 9.628107 | .0344581 | -.000401 | 2.251414 | .0715240 | .1012354 |
| #2 | 1.259086 | 9.596293 | .0345815 | -.000964 | 2.241577 | .0718127 | .1031801 |
| #3 | 1.269724 | 9.580757 | .0350856 | -.001307 | 2.256937 | .0716905 | .1024926 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.198866 | -.059654 | .0008521 | .0044689 | .7357975 | .7553397 | 1.129220 |
| Stddev | .008270 | .001359 | .0002061 | .0004494 | .0004998 | .0212901 | .008771 |
| %RSD | .3761090 | 2.277775 | 24.19295 | 10.05552 | .0679242 | 2.818606 | .7767600 |
| #1 | 2.196642 | -.058403 | .0008353 | .0047043 | .7361424 | .7415025 | 1.122981 |
| #2 | 2.191935 | -.061100 | .0010661 | .0039508 | .7352244 | .7798556 | 1.125429 |
| #3 | 2.208020 | -.059460 | .0006548 | .0047517 | .7360258 | .7446609 | 1.139249 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01LX5 Acquired: 3/13/2025 16:37:13 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .6803491 | .0413002 | .0442071 |
| Stddev | .0056384 | .0014123 | .0000623 |
| %RSD | .8287434 | 3.419530 | .1409815 |
| | | | |
| #1 | .6767431 | .0427717 | .0441851 |
| #2 | .6774575 | .0411733 | .0441588 |
| #3 | .6868466 | .0399557 | .0442775 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3516.906 | 76257.98 | 14804.98 | 2267.982 | 4703.420 |
| Stddev | 7.507 | 46.98 | 43.14 | 13.372 | 11.635 |
| %RSD | .2134587 | .0616081 | .2913646 | .5895900 | .2473730 |
| | | | | | |
| #1 | 3519.849 | 76248.18 | 14765.54 | 2279.515 | 4707.256 |
| #2 | 3522.497 | 76309.09 | 14851.04 | 2253.324 | 4712.652 |
| #3 | 3508.374 | 76216.68 | 14798.35 | 2271.107 | 4690.351 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MS Acquired: 3/13/2025 16:41:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0351562 | .0017878 | .3871023 | -.027381 | -.005593 | 98.13260 | .5762160 |
| Stddev | .0015008 | .0004080 | .0006527 | .001121 | .001657 | .04994 | .0019968 |
| %RSD | 4.268884 | 22.82252 | .1686012 | 4.093865 | 29.62591 | .0508872 | .3465398 |
| #1 | .0368193 | .0021125 | .3878249 | -.026837 | -.006377 | 98.07521 | .5756215 |
| #2 | .0347464 | .0013298 | .3869265 | -.028670 | -.003689 | 98.16615 | .5784426 |
| #3 | .0339028 | .0019210 | .3865556 | -.026636 | -.006711 | 98.15643 | .5745840 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0071227 | -.003800 | 77.08576 | .1562200 | .1005018 | .2880221 | 201.3515 |
| Stddev | .0000707 | .000127 | .17245 | .0012455 | .0003893 | .0010741 | .2004 |
| %RSD | .9925339 | 3.351546 | .2237080 | .7972779 | .3873490 | .3729154 | .0995273 |
| #1 | .0071173 | -.003880 | 77.09113 | .1547899 | .1001225 | .2869642 | 201.2669 |
| #2 | .0071960 | -.003653 | 77.25546 | .1570669 | .1004826 | .2879905 | 201.2073 |
| #3 | .0070549 | -.003866 | 76.91069 | .1568033 | .1009004 | .2891116 | 201.5803 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.371406 | 55.51797 | .1674282 | -.001001 | 11.33598 | .3176879 | .4948890 |
| Stddev | .012449 | .17432 | .0006606 | .000079 | .02980 | .0009810 | .0008353 |
| %RSD | .3692389 | .3139910 | .3945535 | 7.858589 | .2628669 | .3087931 | .1687893 |
| #1 | 3.367060 | 55.46790 | .1667008 | -.000974 | 11.30815 | .3177297 | .4939483 |
| #2 | 3.385445 | 55.71184 | .1679907 | -.001089 | 11.33236 | .3166867 | .4955442 |
| #3 | 3.361713 | 55.37416 | .1675931 | -.000939 | 11.36742 | .3186474 | .4951744 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.08862 | -.254847 | .0033994 | .0146257 | 3.258580 | 6.304106 | 5.360402 |
| Stddev | .06043 | .004283 | .0001473 | .0005761 | .011200 | .109991 | .009373 |
| %RSD | .5989827 | 1.680510 | 4.331684 | 3.938847 | .3437217 | 1.744745 | .1748521 |
| #1 | 10.04602 | -.250133 | .0034259 | .0152909 | 3.245735 | 6.184636 | 5.353059 |
| #2 | 10.06206 | -.258499 | .0035316 | .0142889 | 3.266307 | 6.326516 | 5.370959 |
| #3 | 10.15778 | -.255909 | .0032407 | .0142974 | 3.263700 | 6.401166 | 5.357187 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MS Acquired: 3/13/2025 16:41:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.674975 | .1806385 | .2095585 |
| Stddev | .022277 | .0007847 | .0001422 |
| %RSD | .8328011 | .4344191 | .0678428 |
| | | | |
| #1 | 2.650925 | .1812999 | .2093943 |
| #2 | 2.694905 | .1797714 | .2096392 |
| #3 | 2.679095 | .1808442 | .2096419 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3673.001 | 82106.16 | 16758.68 | 2388.329 | 4304.720 |
| Stddev | 10.342 | 230.73 | 87.14 | 12.566 | 9.840 |
| %RSD | .2815573 | .2810180 | .5199519 | .5261527 | .2285892 |
| | | | | | |
| #1 | 3680.962 | 82372.52 | 16826.06 | 2402.591 | 4313.052 |
| #2 | 3676.730 | 81978.34 | 16660.27 | 2383.516 | 4307.244 |
| #3 | 3661.313 | 81967.62 | 16789.69 | 2378.881 | 4293.864 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MSD Acquired: 3/13/2025 16:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0348686 | .0036731 | .3879967 | -.028110 | -.004380 | 98.18974 | .5688877 |
| Stddev | .0019671 | .0014938 | .0023163 | .000957 | .001584 | .10864 | .0008564 |
| %RSD | 5.641583 | 40.66961 | .5969855 | 3.404160 | 36.16880 | .1106419 | .1505463 |
| #1 | .0371273 | .0019669 | .3856711 | -.027842 | -.003700 | 98.10387 | .5682672 |
| #2 | .0339471 | .0047457 | .3880154 | -.027315 | -.006191 | 98.15349 | .5698649 |
| #3 | .0335313 | .0043067 | .3903036 | -.029172 | -.003249 | 98.31187 | .5685311 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0072109 | -.004110 | 76.04524 | .1589955 | .0997328 | .2837383 | 203.2902 |
| Stddev | .0000905 | .000026 | .21773 | .0001458 | .0005872 | .0011156 | .5628 |
| %RSD | 1.255079 | .6285032 | .2863208 | .0916769 | .5887559 | .3931785 | .2768367 |
| #1 | .0071374 | -.004138 | 75.98800 | .1591108 | .0996666 | .2833481 | 203.3743 |
| #2 | .0073120 | -.004106 | 76.28588 | .1590441 | .0991815 | .2828702 | 202.6901 |
| #3 | .0071833 | -.004087 | 75.86185 | .1588316 | .1003503 | .2849966 | 203.8062 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.353358 | 54.74981 | .1659193 | -.000721 | 11.49582 | .3159668 | .4757011 |
| Stddev | .009704 | .28859 | .0002209 | .000157 | .03815 | .0016981 | .0013575 |
| %RSD | .2893940 | .5271135 | .1331581 | 21.72719 | .3318402 | .5374155 | .2853728 |
| #1 | 3.348866 | 54.82567 | .1660922 | -.000664 | 11.48041 | .3171832 | .4750288 |
| #2 | 3.364494 | 54.99290 | .1659954 | -.000899 | 11.46779 | .3166903 | .4748108 |
| #3 | 3.346713 | 54.43087 | .1656704 | -.000601 | 11.53927 | .3140268 | .4772635 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.10053 | -.258375 | .0038290 | .0156019 | 3.223568 | 5.712783 | 5.272907 |
| Stddev | .09319 | .004466 | .0003387 | .0014570 | .013083 | .040397 | .013229 |
| %RSD | .9226532 | 1.728645 | 8.844407 | 9.338294 | .4058503 | .7071328 | .2508853 |
| #1 | 10.06225 | -.253222 | .0036647 | .0159790 | 3.220156 | 5.719286 | 5.264549 |
| #2 | 10.03258 | -.261149 | .0036038 | .0168333 | 3.238019 | 5.669529 | 5.266013 |
| #3 | 10.20677 | -.260752 | .0042184 | .0139935 | 3.212529 | 5.749534 | 5.288159 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MSD Acquired: 3/13/2025 16:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.651535 | .1811071 | .2077261 |
| Stddev | .021663 | .0014363 | .0002556 |
| %RSD | .8170077 | .7930907 | .1230568 |
| | | | |
| #1 | 2.648301 | .1802919 | .2075261 |
| #2 | 2.631671 | .1802638 | .2076381 |
| #3 | 2.674634 | .1827656 | .2080141 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3665.592 | 79849.37 | 16573.34 | 2339.860 | 4307.227 |
| Stddev | 3.844 | 106.56 | 100.95 | 7.225 | 2.731 |
| %RSD | .1048563 | .1334486 | .6091033 | .3087942 | .0634044 |
| | | | | | |
| #1 | 3668.707 | 79948.71 | 16611.29 | 2345.622 | 4306.469 |
| #2 | 3661.297 | 79862.58 | 16458.92 | 2331.753 | 4310.257 |
| #3 | 3666.774 | 79736.82 | 16649.82 | 2342.204 | 4304.955 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01A Acquired: 3/13/2025 16:49:37 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0369078 | .0031767 | .3810011 | -.028503 | -.004334 | 95.13400 | .5544898 |
| Stddev | .0022397 | .0004710 | .0024844 | .001500 | .001050 | .57039 | .0033523 |
| %RSD | 6.068462 | 14.82593 | .6520766 | 5.264180 | 24.23676 | .5995597 | .6045715 |
| #1 | .0362144 | .0035534 | .3790953 | -.027900 | -.005537 | 94.78155 | .5530050 |
| #2 | .0350968 | .0026486 | .3800970 | -.027397 | -.003869 | 94.82838 | .5521362 |
| #3 | .0394123 | .0033279 | .3838110 | -.030211 | -.003596 | 95.79207 | .5583280 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069403 | -.004581 | 74.09181 | .1551323 | .0984616 | .2807751 | 201.3526 |
| Stddev | .0001333 | .000149 | .47930 | .0002458 | .0006155 | .0014603 | .3508 |
| %RSD | 1.920472 | 3.249891 | .6469019 | .1584184 | .6251008 | .5201015 | .1742164 |
| #1 | .0068255 | -.004602 | 73.69406 | .1552674 | .0979139 | .2794568 | 201.2502 |
| #2 | .0069088 | -.004719 | 73.95740 | .1548486 | .0983432 | .2805237 | 201.7432 |
| #3 | .0070865 | -.004423 | 74.62397 | .1552808 | .0991276 | .2823448 | 201.0644 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.263928 | 53.37135 | .1632234 | -.000872 | 11.38806 | .3085114 | .4626011 |
| Stddev | .020959 | .34919 | .0012054 | .000125 | .01982 | .0011304 | .0015187 |
| %RSD | .6421486 | .6542649 | .7384964 | 14.38157 | .1740600 | .3663903 | .3282847 |
| #1 | 3.255188 | 53.06404 | .1618543 | -.000857 | 11.36652 | .3095828 | .4623750 |
| #2 | 3.248754 | 53.29895 | .1636913 | -.001005 | 11.40554 | .3073301 | .4642201 |
| #3 | 3.287843 | 53.75107 | .1641248 | -.000755 | 11.39211 | .3086212 | .4612082 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.840002 | -.235648 | .0032672 | .0132913 | 3.104443 | 3.770974 | 5.176069 |
| Stddev | .040450 | .006412 | .0002646 | .0017292 | .018185 | .056552 | .023191 |
| %RSD | .4110737 | 2.720966 | 8.099617 | 13.00984 | .5857618 | 1.499670 | .4480489 |
| #1 | 9.865364 | -.234128 | .0033224 | .0150415 | 3.095257 | 3.765851 | 5.154532 |
| #2 | 9.861288 | -.230133 | .0029793 | .0132485 | 3.092684 | 3.829913 | 5.173056 |
| #3 | 9.793354 | -.242683 | .0034999 | .0115839 | 3.125388 | 3.717157 | 5.200620 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01A Acquired: 3/13/2025 16:49:37 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 2.611082 | .1770717 | .2029683 |
| Stddev | .008646 | .0008855 | .0012774 |
| %RSD | .3311144 | .5000736 | .6293706 |
| | | | |
| #1 | 2.602442 | .1764926 | .2027831 |
| #2 | 2.611071 | .1766316 | .2017936 |
| #3 | 2.619733 | .1780910 | .2043282 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3722.466 | 80967.32 | 17096.03 | 2367.208 | 4381.445 |
| Stddev | 5.633 | 136.71 | 129.92 | 10.540 | 13.095 |
| %RSD | .1513242 | .1688483 | .7599615 | .4452330 | .2988851 |
| | | | | | |
| #1 | 3727.769 | 81120.83 | 17169.51 | 2368.348 | 4394.284 |
| #2 | 3723.077 | 80858.68 | 17172.55 | 2356.145 | 4381.944 |
| #3 | 3716.553 | 80922.46 | 16946.01 | 2377.132 | 4368.107 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR1 Acquired: 3/13/2025 16:53:20 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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 | .0432594 | .0779784 | .0221107 | -.177652 | -.020309 | 2096.629 | .0210760 |
| Stddev | .0060862 | .0055442 | .0089084 | .022783 | .012452 | 13.413 | .0017149 |
| %RSD | 14.06898 | 7.109911 | 40.29013 | 12.82471 | 61.31458 | .6397204 | 8.136549 |
| #1 | .0499125 | .0841958 | .0254607 | -.153511 | -.018840 | 2095.370 | .0196110 |
| #2 | .0418934 | .0761909 | .0288585 | -.198777 | -.033431 | 2083.890 | .0206548 |
| #3 | .0379723 | .0735484 | .0120129 | -.180667 | -.008656 | 2110.627 | .0229622 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0089908 | -.001674 | 1903.027 | .0288505 | .0304120 | .6009829 | 1008.075 |
| Stddev | .0001197 | .006765 | 23.626 | .0006032 | .0019561 | .0294469 | 6.902 |
| %RSD | 1.331334 | 403.9871 | 1.241489 | 2.090923 | 6.432049 | 4.899782 | .6847006 |
| #1 | .0089582 | -.009290 | 1884.684 | .0294720 | .0282124 | .5670729 | 1005.824 |
| #2 | .0088907 | .000630 | 1894.710 | .0282673 | .0310671 | .6157696 | 1015.822 |
| #3 | .0091234 | .003637 | 1929.686 | .0288123 | .0319565 | .6201062 | 1002.579 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.093975 | 1830.518 | .0058389 | -.037457 | 2191.597 | .0178666 | .0783260 |
| Stddev | .000518 | 23.554 | .0007399 | .001006 | 7.525 | .0001892 | .0016564 |
| %RSD | .5514016 | 1.286743 | 12.67132 | 2.685200 | .3433424 | 1.059091 | 2.114756 |
| #1 | -.093418 | 1809.373 | .0052877 | -.038439 | 2200.246 | .0177074 | .0772740 |
| #2 | -.094065 | 1826.276 | .0055494 | -.036429 | 2187.997 | .0178166 | .0774686 |
| #3 | -.094442 | 1855.905 | .0066798 | -.037503 | 2186.549 | .0180758 | .0802354 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1276.638 | ^ ***** | .0048126 | .0026029 | -.037464 | .1867313 | .1330570 |
| Stddev | 9.039 | ----- | .0005955 | .0053682 | .001430 | .0017981 | .0028548 |
| %RSD | .7080093 | ----- | 12.37313 | 206.2376 | 3.816950 | .9629529 | 2.145568 |
| #1 | 1286.901 | ^ ----- | .0042982 | -.003588 | -.039114 | .1853977 | .1351708 |
| #2 | 1273.151 | ^ ----- | .0054649 | .005422 | -.036586 | .1860200 | .1341909 |
| #3 | 1269.862 | ^ ----- | .0046748 | .005975 | -.036692 | .1887763 | .1298095 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR1 Acquired: 3/13/2025 16:53:20 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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 | -.211651 | .1128008 | .0125446 |
| Stddev | .014642 | .0058808 | .0001113 |
| %RSD | 6.918239 | 5.213435 | .8874728 |
| | | | |
| #1 | -.227970 | .1163221 | .0124840 |
| #2 | -.207320 | .1160684 | .0126731 |
| #3 | -.199662 | .1060118 | .0124766 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2339.789 | 50087.76 | 11865.68 | 1462.784 | 2717.667 |
| Stddev | 73.105 | 114.06 | 105.43 | 8.350 | 87.169 |
| %RSD | 3.124415 | .2277118 | .8885158 | .5708464 | 3.207510 |
| | | | | | |
| #1 | 2424.101 | 50133.46 | 11953.77 | 1453.180 | 2818.210 |
| #2 | 2301.230 | 49957.94 | 11894.41 | 1466.845 | 2671.503 |
| #3 | 2294.036 | 50171.88 | 11748.87 | 1468.328 | 2663.288 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR2 Acquired: 3/13/2025 16:58:18 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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 | .0082980 | -.002120 | 247.5949 | .0162226 | -.004301 | .2206853 | ^F ***** |
| Stddev | .0007856 | .002200 | 1.3995 | .0037304 | .001521 | .0025402 | ----- |
| %RSD | 9.466795 | 103.7582 | .5652289 | 22.99512 | 35.36173 | 1.151040 | ----- |
| #1 | .0088336 | -.003814 | 247.1798 | .0199117 | -.002820 | .2209352 | ^ ----- |
| #2 | .0086642 | .000366 | 246.4500 | .0124522 | -.004225 | .2230912 | 91.04036 |
| #3 | .0073962 | -.002911 | 249.1550 | .0163039 | -.005859 | .2180293 | 90.23960 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003423 | -.003549 | .0785397 | .0011245 | .0055756 | 225.5188 | .0378137 |
| Stddev | .000036 | .000044 | .0087840 | .0003182 | .0003328 | 1.5130 | .0036371 |
| %RSD | 1.042542 | 1.245221 | 11.18415 | 28.29448 | 5.968581 | .6709096 | 9.618471 |
| #1 | -.003382 | -.003591 | .0810031 | .0010253 | .0058840 | 226.0874 | .0412519 |
| #2 | -.003437 | -.003552 | .0858290 | .0008677 | .0056198 | 223.8039 | .0381832 |
| #3 | -.003449 | -.003503 | .0687870 | .0014804 | .0052228 | 226.6652 | .0340059 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 45.92435 | -.086098 | 49.27059 | .0017083 | .3246598 | -.012263 | 33.65544 |
| Stddev | .40551 | .020522 | .29545 | .0002273 | .0273427 | .001313 | .05120 |
| %RSD | .8829999 | 23.83563 | .5996391 | 13.30383 | 8.421943 | 10.70671 | .1521361 |
| #1 | 46.32457 | -.102610 | 49.24195 | .0014678 | .3381270 | -.011877 | 33.66619 |
| #2 | 45.93473 | -.063122 | 48.99051 | .0019196 | .3426568 | -.013726 | 33.70042 |
| #3 | 45.51375 | -.092562 | 49.57932 | .0017374 | .2931957 | -.011187 | 33.59972 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3295613 | -.004955 | -.007827 | -.005790 | -.038537 | -.002571 | .3209676 |
| Stddev | .0400474 | .000528 | .000475 | .000223 | .000983 | .002633 | .0075311 |
| %RSD | 12.15173 | 10.65528 | 6.073905 | 3.850085 | 2.549471 | 102.4179 | 2.346371 |
| #1 | .3750779 | -.005524 | -.007398 | -.005535 | -.039568 | -.004999 | .3281264 |
| #2 | .3138723 | -.004481 | -.007745 | -.005887 | -.038432 | -.002941 | .3131126 |
| #3 | .2997337 | -.004860 | -.008338 | -.005947 | -.037612 | .000228 | .3216637 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR2 Acquired: 3/13/2025 16:58:18 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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 | .0378515 | .0032109 | .0016481 |
| Stddev | .0073257 | .0007138 | .0001037 |
| %RSD | 19.35376 | 22.23162 | 6.291632 |
| | | | |
| #1 | .0323959 | .0024132 | .0015650 |
| #2 | .0349807 | .0037895 | .0017643 |
| #3 | .0461777 | .0034300 | .0016150 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2990.465 | 72723.84 | 14139.80 | 2067.881 | 4582.940 |
| Stddev | 18.713 | 281.25 | 106.93 | 5.147 | 23.508 |
| %RSD | .6257459 | .3867368 | .7561989 | .2489095 | .5129398 |
| | | | | | |
| #1 | 2987.834 | 72925.55 | 14023.94 | 2070.798 | 4586.461 |
| #2 | 3010.353 | 72843.42 | 14160.79 | 2061.938 | 4604.488 |
| #3 | 2973.206 | 72402.57 | 14234.68 | 2070.907 | 4557.870 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167103TB Acquired: 3/13/2025 17:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.004645 | -.004888 | .0041289 | .0038556 | .0022419 | .0030857 |
| Stddev | .001038 | .000615 | .0017997 | .0017637 | .0006486 | .0014127 |
| %RSD | 22.33531 | 12.57866 | 43.58853 | 45.74509 | 28.93143 | 45.78345 |
| #1 | -.004737 | -.005407 | .0053199 | .0043236 | .0029908 | .0019857 |
| #2 | -.005634 | -.005047 | .0020586 | .0019050 | .0018647 | .0025925 |
| #3 | -.003565 | -.004209 | .0050081 | .0053381 | .0018701 | .0046790 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000009 | -.000158 | -.000059 | .0193178 | .0005526 | -.000120 |
| Stddev | .000750 | .000033 | .000062 | .0085006 | .0003879 | .000299 |
| %RSD | 8738.397 | 20.89284 | 104.6196 | 44.00405 | 70.20453 | 249.0627 |
| #1 | -.000523 | -.000121 | -.000091 | .0124510 | .0003108 | -.000079 |
| #2 | -.000354 | -.000184 | -.000098 | .0166769 | .0003469 | .000156 |
| #3 | .000852 | -.000169 | .000012 | .0288254 | .0010000 | -.000438 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0021380 | .0072346 | .0003572 | .0006648 | .0011880 | -.000043 |
| Stddev | .0003528 | .0016816 | .0001040 | .0055813 | .0001038 | .000095 |
| %RSD | 16.50126 | 23.24311 | 29.11201 | 839.5023 | 8.735479 | 220.7148 |
| #1 | .0018891 | .0053479 | .0004091 | .0037336 | .0012898 | -.000088 |
| #2 | .0019832 | .0085753 | .0004251 | .0040384 | .0010824 | .000066 |
| #3 | .0025418 | .0077807 | .0002375 | -.005777 | .0011917 | -.000107 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 300.8827 | .0004220 | .0018635 | .0271656 | -.006519 | .0001314 |
| Stddev | 3.8900 | .0010899 | .0001695 | .0212045 | .000258 | .0002488 |
| %RSD | 1.292850 | 258.2807 | 9.096801 | 78.05651 | 3.957291 | 189.2706 |
| #1 | 305.2842 | .0015980 | .0018695 | .0514320 | -.006374 | .0003820 |
| #2 | 297.9063 | .0002221 | .0020300 | .0122067 | -.006367 | -.000115 |
| #3 | 299.4574 | -.000554 | .0016911 | .0178579 | -.006817 | .000128 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167103TB Acquired: 3/13/2025 17:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001252 | .0011839 | .0118092 | -.000504 | F .0176398 | -.001826 |
| Stddev | .000572 | .0003928 | .0046532 | .000959 | .0008818 | .001732 |
| %RSD | 45.67508 | 33.17574 | 39.40288 | 190.2490 | 4.998977 | 94.86156 |
| #1 | -.001912 | .0016326 | .0163322 | -.001454 | .0181485 | -.003519 |
| #2 | -.000918 | .0010171 | .0070359 | .000465 | .0181494 | -.001901 |
| #3 | -.000925 | .0009021 | .0120596 | -.000524 | .0166216 | -.000057 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0000119 |
| Stddev | .0000480 |
| %RSD | 405.0234 |
| #1 | -.000005 |
| #2 | .000066 |
| #3 | -.000025 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3231.222 | 72326.22 | 14972.06 | 2107.414 | 4337.974 |
| Stddev | 90.960 | 53.47 | 55.23 | 6.260 | 127.480 |
| %RSD | 2.815047 | .0739310 | .3689072 | .2970320 | 2.938704 |
| #1 | 3293.569 | 72379.31 | 15031.38 | 2111.547 | 4427.574 |
| #2 | 3126.847 | 72272.38 | 14962.69 | 2100.212 | 4192.030 |
| #3 | 3273.251 | 72326.98 | 14922.11 | 2110.483 | 4394.319 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05 Acquired: 3/13/2025 17:08:36 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.004368 | -.003776 | .0416065 | .0040325 | .0010556 | .0291585 | .2069863 |
| Stddev | .000961 | .001195 | .0004265 | .0010721 | .0009831 | .0062396 | .0004008 |
| %RSD | 22.00012 | 31.65554 | 1.025148 | 26.58730 | 93.12993 | 21.39878 | .1936226 |
| #1 | -.003259 | -.003093 | .0420876 | .0028337 | -.000021 | .0234597 | .2071832 |
| #2 | -.004885 | -.005156 | .0414569 | .0048997 | .001283 | .0358256 | .2072505 |
| #3 | -.004960 | -.003079 | .0412749 | .0043641 | .001905 | .0281902 | .2065251 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000096 | .0010554 | 7.697806 | .0025903 | .0005271 | .0094398 | .0208188 |
| Stddev | .000020 | .0000459 | .034917 | .0002223 | .0001464 | .0000055 | .0019165 |
| %RSD | 21.27870 | 4.347220 | .4536002 | 8.581403 | 27.77662 | .0582826 | 9.205851 |
| #1 | -.000073 | .0010561 | 7.738110 | .0028123 | .0006228 | .0094360 | .0187191 |
| #2 | -.000112 | .0011008 | 7.678632 | .0023677 | .0003586 | .0094373 | .0212633 |
| #3 | -.000102 | .0010091 | 7.676678 | .0025909 | .0006000 | .0094461 | .0224741 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0308982 | .5537634 | .0031740 | .0001803 | 315.3461 | .0004886 | .0875235 |
| Stddev | .0006705 | .0069872 | .0002219 | .0001945 | 2.9111 | .0009641 | .0001564 |
| %RSD | 2.169979 | 1.261773 | 6.992592 | 107.8327 | .9231443 | 197.3327 | .1787277 |
| #1 | .0312670 | .5560699 | .0031494 | -.000043 | 312.0493 | .0016008 | .0876622 |
| #2 | .0313034 | .5593059 | .0034072 | .000310 | 317.5626 | -.000027 | .0873539 |
| #3 | .0301243 | .5459146 | .0029653 | .000274 | 316.4263 | -.000109 | .0875543 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3567319 | .0217592 | .0001569 | -.000989 | .0012437 | .6077737 | .0115902 |
| Stddev | .0299629 | .0007359 | .0000119 | .001114 | .0012134 | .0078405 | .0008002 |
| %RSD | 8.399277 | 3.382260 | 7.555152 | 112.5971 | 97.55898 | 1.290036 | 6.904134 |
| #1 | .3900619 | .0216498 | .0001493 | -.001635 | .0003143 | .6010561 | .0115299 |
| #2 | .3481047 | .0225438 | .0001508 | -.001628 | .0008005 | .6163888 | .0124189 |
| #3 | .3320290 | .0210841 | .0001705 | .000297 | .0026164 | .6058762 | .0108219 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05 Acquired: 3/13/2025 17:08:36 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .3169029 | -.002923 | .0453530 |
| Stddev | .0010210 | .000102 | .0000941 |
| %RSD | .3221745 | 3.497881 | .2074891 |
| | | | |
| #1 | .3179503 | -.003034 | .0454475 |
| #2 | .3159106 | -.002832 | .0453521 |
| #3 | .3168477 | -.002904 | .0452593 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3241.716 | 70835.85 | 14735.91 | 2070.475 | 4323.348 |
| Stddev | 5.704 | 173.17 | 48.43 | 9.265 | 1.935 |
| %RSD | .1759526 | .2444615 | .3286769 | .4474974 | .0447586 |
| | | | | | |
| #1 | 3247.004 | 70903.43 | 14682.66 | 2077.844 | 4323.059 |
| #2 | 3242.471 | 70965.04 | 14747.73 | 2073.507 | 4321.574 |
| #3 | 3235.672 | 70639.08 | 14777.34 | 2060.073 | 4325.412 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05DUP Acquired: 3/13/2025 17:13:02 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.005946 | -.003657 | .0419073 | .0021646 | .0007798 | .0258652 | .2108098 |
| Stddev | .001311 | .001908 | .0013333 | .0027944 | .0011291 | .0031145 | .0012027 |
| %RSD | 22.04086 | 52.16715 | 3.181551 | 129.0978 | 144.8025 | 12.04139 | .5705199 |
| #1 | -.004455 | -.005848 | .0432056 | -.000380 | .0019999 | .0290203 | .2110622 |
| #2 | -.006470 | -.002362 | .0405416 | .001719 | -.000228 | .0227929 | .2118662 |
| #3 | -.006914 | -.002762 | .0419746 | .005155 | .000568 | .0257824 | .2095009 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000057 | .0010678 | 7.681896 | .0026667 | .0005813 | .0091733 | .0195744 |
| Stddev | .000062 | .0000427 | .016403 | .0003449 | .0004227 | .0001921 | .0015271 |
| %RSD | 109.5106 | 4.001653 | .2135259 | 12.93280 | 72.71859 | 2.094428 | 7.801578 |
| #1 | -.000101 | .0011144 | 7.691325 | .0022696 | .0000968 | .0090634 | .0189660 |
| #2 | -.000084 | .0010305 | 7.662956 | .0028399 | .0008746 | .0093951 | .0213119 |
| #3 | .000014 | .0010585 | 7.691408 | .0028907 | .0007726 | .0090613 | .0184452 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0308554 | .5502627 | .0026780 | -.000121 | 312.5550 | .0001199 | .0856160 |
| Stddev | .0000720 | .0214430 | .0001210 | .000238 | 4.8022 | .0011451 | .0000623 |
| %RSD | .2334582 | 3.896874 | 4.519311 | 196.3998 | 1.536424 | 955.0997 | .0728176 |
| #1 | .0307724 | .5441075 | .0027906 | -.000046 | 317.6722 | .0013633 | .0856880 |
| #2 | .0309020 | .5741102 | .0026935 | .000070 | 308.1466 | -.000891 | .0855774 |
| #3 | .0308918 | .5325703 | .0025500 | -.000387 | 311.8464 | -.000112 | .0855828 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3685115 | .0209029 | .0001532 | -.001089 | .0008773 | .6019695 | .0132935 |
| Stddev | .0267951 | .0006674 | .0002634 | .000876 | .0002938 | .0087033 | .0025138 |
| %RSD | 7.271177 | 3.192827 | 171.9226 | 80.46440 | 33.49046 | 1.445800 | 18.91030 |
| #1 | .3772602 | .0212927 | .0001475 | -.000086 | .0012163 | .5928210 | .0111522 |
| #2 | .3384355 | .0201323 | .0004195 | -.001478 | .0006965 | .6101459 | .0160613 |
| #3 | .3898388 | .0212838 | -.000107 | -.001704 | .0007191 | .6029416 | .0126668 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05DUP Acquired: 3/13/2025 17:13:02 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .3217331 | -.002187 | .0457207 |
| Stddev | .0023935 | .001341 | .0001398 |
| %RSD | .7439439 | 61.30223 | .3057342 |
| | | | |
| #1 | .3218438 | -.001701 | .0457940 |
| #2 | .3192862 | -.001157 | .0458086 |
| #3 | .3240693 | -.003703 | .0455595 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3312.076 | 73285.15 | 15189.48 | 2132.759 | 4420.887 |
| Stddev | 12.425 | 169.52 | 8.26 | 18.596 | 22.101 |
| %RSD | .3751574 | .2313179 | .0544068 | .8719062 | .4999334 |
| | | | | | |
| #1 | 3305.670 | 73209.87 | 15180.06 | 2111.863 | 4412.514 |
| #2 | 3326.397 | 73166.31 | 15192.90 | 2138.929 | 4445.951 |
| #3 | 3304.160 | 73479.28 | 15195.49 | 2147.486 | 4404.194 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05LX5 Acquired: 3/13/2025 17:17:28 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001784 | -.000967 | .0090504 | .0008835 | .0005334 | .0022095 | .0448592 |
| Stddev | .003234 | .001118 | .0003225 | .0038797 | .0022112 | .0019108 | .0007753 |
| %RSD | 181.2150 | 115.5987 | 3.563419 | 439.1318 | 414.5606 | 86.48224 | 1.728232 |
| #1 | -.002067 | -.000263 | .0088498 | -.003000 | -.001010 | .0004386 | .0456967 |
| #2 | .001581 | -.000382 | .0094225 | .004759 | .003066 | .0042348 | .0447145 |
| #3 | -.004867 | -.002257 | .0088791 | .000891 | -.000456 | .0019552 | .0441666 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000024 | .0001414 | 1.611679 | .0008703 | .0000710 | .0020672 | .0064983 |
| Stddev | .000078 | .0000430 | .011726 | .0001316 | .0001894 | .0003345 | .0041999 |
| %RSD | 331.2480 | 30.41338 | .7275711 | 15.11956 | 266.9620 | 16.18179 | 64.63079 |
| #1 | -.000061 | .0001571 | 1.601073 | .0010078 | .0001271 | .0022624 | .0016832 |
| #2 | -.000076 | .0000928 | 1.609694 | .0007455 | .0002260 | .0016810 | .0094058 |
| #3 | .000066 | .0001744 | 1.624271 | .0008578 | -.000140 | .0022583 | .0084060 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0057887 | .1104509 | .0005571 | -.000375 | 60.55737 | .0015784 | .0173123 |
| Stddev | .0000237 | .0088612 | .0000557 | .000207 | .07779 | .0010153 | .0003570 |
| %RSD | .4100770 | 8.022755 | 10.00369 | 55.18888 | .1284599 | 64.32383 | 2.062419 |
| #1 | .0057622 | .1132765 | .0005859 | -.000160 | 60.49374 | .0009870 | .0170945 |
| #2 | .0057958 | .1005215 | .0004928 | -.000392 | 60.64409 | .0027508 | .0171180 |
| #3 | .0058080 | .1175547 | .0005924 | -.000574 | 60.53427 | .0009976 | .0177244 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1892175 | .0001433 | -.000052 | -.001135 | .0009370 | .1145914 | .0007089 |
| Stddev | .0287266 | .0008151 | .000098 | .000263 | .0007003 | .0017346 | .0022815 |
| %RSD | 15.18177 | 568.5852 | 189.5401 | 23.15521 | 74.74032 | 1.513741 | 321.8542 |
| #1 | .1830168 | .0008771 | -.000108 | -.001104 | .0017447 | .1149503 | -.000080 |
| #2 | .2205380 | .0002869 | .000061 | -.000890 | .0005687 | .1127054 | .003280 |
| #3 | .1640977 | -.000734 | -.000108 | -.001413 | .0004977 | .1161185 | -.001074 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05LX5 Acquired: 3/13/2025 17:17:28 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0649829 | .0058895 | .0095564 |
| Stddev | .0016133 | .0007865 | .0000662 |
| %RSD | 2.482683 | 13.35440 | .6930471 |
| | | | |
| #1 | .0662940 | .0065261 | .0096304 |
| #2 | .0654735 | .0050102 | .0095027 |
| #3 | .0631812 | .0061320 | .0095360 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3417.377 | 73602.80 | 14146.76 | 2191.959 | 4687.391 |
| Stddev | 14.372 | 217.25 | 92.52 | 4.359 | 26.771 |
| %RSD | .4205571 | .2951711 | .6540367 | .1988738 | .5711229 |
| | | | | | |
| #1 | 3427.466 | 73625.30 | 14072.94 | 2189.281 | 4704.243 |
| #2 | 3423.744 | 73375.18 | 14250.56 | 2189.608 | 4701.407 |
| #3 | 3400.921 | 73807.93 | 14116.78 | 2196.990 | 4656.522 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV06 Acquired: 3/13/2025 17:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.070560 | 5.074795 | 5.180185 | 4.973060 | 4.975558 | 10.02855 | 9.979444 |
| Stddev | .034682 | .046561 | .026150 | .033134 | .025544 | .02319 | .145857 |
| %RSD | .6839956 | .9175045 | .5048149 | .6662688 | .5133850 | .2312024 | 1.461573 |
| #1 | 5.036596 | 5.047242 | 5.156147 | 4.938871 | 4.957024 | 10.03031 | 9.832020 |
| #2 | 5.069164 | 5.048590 | 5.176379 | 4.975282 | 4.964955 | 10.05081 | 10.12368 |
| #3 | 5.105919 | 5.128554 | 5.208030 | 5.005027 | 5.004696 | 10.00454 | 9.98263 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2638450 | 2.572398 | 25.66825 | 1.058839 | 2.548582 | 1.272260 | 5.039567 |
| Stddev | .0008974 | .011150 | .08946 | .002200 | .011098 | .004867 | .022072 |
| %RSD | .3401090 | .4334522 | .3485088 | .2077467 | .4354563 | .3825317 | .4379705 |
| #1 | .2646212 | 2.561565 | 25.76075 | 1.060903 | 2.537426 | 1.266930 | 5.064901 |
| #2 | .2640514 | 2.571789 | 25.66182 | 1.059088 | 2.548698 | 1.273383 | 5.029316 |
| #3 | .2628624 | 2.583840 | 25.58219 | 1.056525 | 2.559621 | 1.276467 | 5.024485 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.512560 | 26.02495 | 2.554966 | 1.287593 | 24.06556 | 2.544340 | 2.547271 |
| Stddev | .013961 | .10363 | .011261 | .001123 | .17258 | .011570 | .007410 |
| %RSD | .5556487 | .3982069 | .4407403 | .0872491 | .7171246 | .4547332 | .2909081 |
| #1 | 2.526458 | 26.13712 | 2.543163 | 1.288149 | 24.18020 | 2.556791 | 2.545524 |
| #2 | 2.512684 | 25.93277 | 2.556143 | 1.286300 | 24.14942 | 2.542308 | 2.540890 |
| #3 | 2.498537 | 26.00498 | 2.565592 | 1.288330 | 23.86708 | 2.533921 | 2.555399 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.79497 | 5.139561 | 5.081842 | 5.138306 | 5.007957 | 5.344049 | 5.220974 |
| Stddev | .06628 | .006896 | .023500 | .028770 | .023251 | .013129 | .027142 |
| %RSD | .2673129 | .1341724 | .4624244 | .5599038 | .4642846 | .2456717 | .5198702 |
| #1 | 24.84624 | 5.147523 | 5.060603 | 5.107989 | 5.029334 | 5.358560 | 5.195818 |
| #2 | 24.81855 | 5.135513 | 5.077836 | 5.141700 | 5.011336 | 5.332993 | 5.217364 |
| #3 | 24.72013 | 5.135647 | 5.107087 | 5.165228 | 4.983202 | 5.340594 | 5.249741 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV06 Acquired: 3/13/2025 17:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.970776 | 4.831627 | 5.034528 |
| Stddev | .024774 | .025375 | .055374 |
| %RSD | .4983981 | .5251762 | 1.099880 |
| #1 | 4.946900 | 4.848240 | 5.083735 |
| #2 | 4.969068 | 4.844223 | 4.974566 |
| #3 | 4.996360 | 4.802419 | 5.045284 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3330.323 | 71634.49 | 14271.63 | 2110.158 | 4448.119 |
| Stddev | 14.411 | 111.11 | 38.96 | 2.053 | 19.082 |
| %RSD | .4327278 | .1551067 | .2730124 | .0972964 | .4289878 |
| #1 | 3339.323 | 71660.83 | 14253.82 | 2110.713 | 4459.706 |
| #2 | 3337.945 | 71512.58 | 14244.75 | 2107.884 | 4458.556 |
| #3 | 3313.702 | 71730.07 | 14316.31 | 2111.877 | 4426.095 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB06 Acquired: 3/13/2025 17:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001699 | -.000211 | .0000910 | -.002051 | .0020133 | -.005019 | .0028432 |
| Stddev | .001386 | .001095 | .0010910 | .000573 | .0014205 | .000124 | .0010628 |
| %RSD | 81.55911 | 518.0778 | 1198.352 | 27.91651 | 70.55642 | 2.472913 | 37.38246 |
| #1 | -.003133 | .000423 | -.000366 | -.002674 | .0014871 | -.004889 | .0016315 |
| #2 | -.000367 | .000418 | .001336 | -.001547 | .0036219 | -.005033 | .0032799 |
| #3 | -.001596 | -.001475 | -.000697 | -.001933 | .0009310 | -.005136 | .0036181 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000004 | .0000253 | -.003343 | .0000433 | .0000202 | .0001708 | .0036308 |
| Stddev | .000034 | .0000145 | .005017 | .0006675 | .0002889 | .0003353 | .0013984 |
| %RSD | 827.0824 | 57.23073 | 150.0544 | 1541.408 | 1431.859 | 196.3427 | 38.51338 |
| #1 | .000028 | .0000086 | -.009134 | .0006447 | .0002132 | .0002502 | .0031002 |
| #2 | -.000001 | .0000343 | -.000293 | .0001601 | .0001592 | .0004593 | .0025754 |
| #3 | -.000039 | .0000330 | -.000603 | -.000675 | -.000312 | -.000197 | .0052168 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000511 | -.002129 | -.000115 | .0001199 | .1472494 | .0005229 | -.000661 |
| Stddev | .000456 | .004238 | .000140 | .0003738 | .0055535 | .0003479 | .000463 |
| %RSD | 89.18601 | 199.0269 | 121.1342 | 311.7946 | 3.771513 | 66.53762 | 70.07025 |
| #1 | -.000846 | -.004851 | -.000270 | -.000197 | .1428295 | .0007790 | -.000866 |
| #2 | .000008 | -.004289 | .000002 | .000532 | .1454356 | .0001268 | -.000986 |
| #3 | -.000696 | .002753 | -.000079 | .000025 | .1534830 | .0006630 | -.000131 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0919917 | .0006153 | .0002540 | -.000496 | .0014592 | .0090047 | -.005417 |
| Stddev | .0299547 | .0006491 | .0001316 | .000306 | .0002656 | .0016308 | .001800 |
| %RSD | 32.56240 | 105.4847 | 51.80498 | 61.57886 | 18.20148 | 18.11017 | 33.22330 |
| #1 | .1068191 | .0008603 | .0004057 | -.000186 | .0011539 | .0084052 | -.007360 |
| #2 | .1116408 | .0011062 | .0001856 | -.000506 | .0016373 | .0108503 | -.003808 |
| #3 | .0575152 | -.000121 | .0001708 | -.000797 | .0015862 | .0077585 | -.005083 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB06 Acquired: 3/13/2025 17:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.000533 | .0032378 | .0000831 |
| Stddev | .002593 | .0002271 | .0000606 |
| %RSD | 486.6956 | 7.014166 | 72.85795 |
| | | | |
| #1 | -.002352 | .0035000 | .0000899 |
| #2 | .002436 | .0031111 | .0001399 |
| #3 | -.001682 | .0031023 | .0000194 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3443.227 | 74472.28 | 14283.41 | 2185.324 | 4980.677 |
| Stddev | 3.649 | 107.30 | 61.04 | 1.827 | 10.245 |
| %RSD | .1059790 | .1440872 | .4273246 | .0836048 | .2057005 |
| | | | | | |
| #1 | 3447.439 | 74353.46 | 14256.70 | 2183.253 | 4988.809 |
| #2 | 3441.194 | 74562.12 | 14240.28 | 2186.707 | 4984.052 |
| #3 | 3441.047 | 74501.25 | 14353.25 | 2186.011 | 4969.170 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MS Acquired: 3/13/2025 17:30:17 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .8054089 | 1.776928 | .9752016 | 1.902398 | .7815544 | 1.934399 | .3865491 |
| Stddev | .0021824 | .017224 | .0013119 | .004230 | .0034398 | .005462 | .0011943 |
| %RSD | .2709648 | .9692998 | .1345227 | .2223450 | .4401185 | .2823419 | .3089638 |
| #1 | .8028893 | 1.774244 | .9764042 | 1.897929 | .7826317 | 1.931763 | .3877791 |
| #2 | .8066300 | 1.795336 | .9738026 | 1.902926 | .7777049 | 1.930755 | .3853940 |
| #3 | .8067074 | 1.761204 | .9753978 | 1.906339 | .7843265 | 1.940678 | .3864742 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1938814 | .1969316 | 8.572990 | .4166448 | .1973208 | .2943024 | 2.985841 |
| Stddev | .0002552 | .0003003 | .025872 | .0013918 | .0001762 | .0007104 | .023648 |
| %RSD | .1316142 | .1524676 | .3017882 | .3340435 | .0892865 | .2413671 | .7919889 |
| #1 | .1941558 | .1965924 | 8.552409 | .4182518 | .1974373 | .2944844 | 2.999793 |
| #2 | .1936512 | .1971635 | 8.564527 | .4158269 | .1974071 | .2935188 | 2.958538 |
| #3 | .1938373 | .1970388 | 8.602034 | .4158557 | .1971181 | .2949041 | 2.999194 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2213221 | 2.423896 | .4912662 | .0749357 | 312.8173 | .2927639 | .2875034 |
| Stddev | .0012083 | .010617 | .0014386 | .0002783 | .8629 | .0020241 | .0020975 |
| %RSD | .5459452 | .4380306 | .2928243 | .3713971 | .2758526 | .6913767 | .7295539 |
| #1 | .2225629 | 2.432309 | .4897942 | .0751937 | 313.1696 | .2937448 | .2861755 |
| #2 | .2201492 | 2.411966 | .4926687 | .0749727 | 311.8340 | .2904363 | .2899215 |
| #3 | .2212542 | 2.427412 | .4913358 | .0746407 | 313.4484 | .2941107 | .2864133 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.30773 | .2848920 | .4084299 | .6926895 | .1910236 | 1.408579 | 5.987482 |
| Stddev | .03202 | .0019226 | .0003072 | .0025453 | .0009716 | .002829 | .016755 |
| %RSD | .3106252 | .6748670 | .0752093 | .3674475 | .5086088 | .2008303 | .2798408 |
| #1 | 10.34427 | .2826908 | .4087614 | .6897506 | .1910427 | 1.405366 | 5.982111 |
| #2 | 10.29436 | .2857427 | .4081549 | .6941370 | .1900426 | 1.409676 | 6.006264 |
| #3 | 10.28457 | .2862426 | .4083735 | .6941810 | .1919855 | 1.410696 | 5.974070 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MS Acquired: 3/13/2025 17:30:17 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .2923244 | .1878519 | .2309340 |
| Stddev | .0049175 | .0005952 | .0010136 |
| %RSD | 1.682198 | .3168229 | .4389157 |
| | | | |
| #1 | .2887450 | .1872138 | .2319475 |
| #2 | .2902967 | .1879499 | .2299203 |
| #3 | .2979314 | .1883919 | .2309343 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3301.660 | 71234.09 | 14721.93 | 2081.256 | 4398.238 |
| Stddev | 7.980 | 155.59 | 15.17 | 8.342 | 4.232 |
| %RSD | .2417102 | .2184242 | .1030548 | .4008356 | .0962101 |
| | | | | | |
| #1 | 3298.839 | 71073.28 | 14713.23 | 2089.327 | 4402.751 |
| #2 | 3310.667 | 71383.87 | 14739.45 | 2072.667 | 4397.604 |
| #3 | 3295.473 | 71245.12 | 14713.11 | 2081.775 | 4394.359 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MSD Acquired: 3/13/2025 17:34:27 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .8048625 | 1.774762 | .9745565 | 1.901528 | .7793531 | 1.928115 | .3851094 |
| Stddev | .0031539 | .014093 | .0014661 | .002713 | .0024018 | .001631 | .0015671 |
| %RSD | .3918496 | .7940674 | .1504328 | .1426590 | .3081775 | .0846059 | .4069193 |
| #1 | .8083784 | 1.765930 | .9732413 | 1.901375 | .7809157 | 1.927823 | .3865526 |
| #2 | .8039264 | 1.767342 | .9761371 | 1.904314 | .7805561 | 1.926648 | .3834425 |
| #3 | .8022826 | 1.791015 | .9742910 | 1.898895 | .7765876 | 1.929872 | .3853330 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1972624 | .1963376 | 8.595865 | .4131216 | .1971878 | .2949192 | 2.927167 |
| Stddev | .0009500 | .0004752 | .010826 | .0012819 | .0007573 | .0006672 | .018633 |
| %RSD | .4815729 | .2420113 | .1259443 | .3102886 | .3840530 | .2262438 | .6365633 |
| #1 | .1962368 | .1964773 | 8.583376 | .4140251 | .1970046 | .2941703 | 2.945097 |
| #2 | .1981121 | .1967273 | 8.601640 | .4116545 | .1980199 | .2954505 | 2.907902 |
| #3 | .1974383 | .1958083 | 8.602580 | .4136853 | .1965389 | .2951368 | 2.928502 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2222659 | 2.440361 | .4918535 | .0744598 | 307.9242 | .2950682 | .2852711 |
| Stddev | .0007006 | .017399 | .0005863 | .0003967 | 5.9865 | .0003357 | .0002307 |
| %RSD | .3152075 | .7129492 | .1191955 | .5327901 | 1.944138 | .1137827 | .0808746 |
| #1 | .2221724 | 2.444963 | .4919943 | .0746900 | 314.8279 | .2953768 | .2850051 |
| #2 | .2216168 | 2.421125 | .4923565 | .0740017 | 304.1697 | .2951171 | .2853921 |
| #3 | .2230086 | 2.454996 | .4912097 | .0746876 | 304.7749 | .2947107 | .2854162 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.03774 | .2884141 | .4079748 | .6895981 | .1919059 | 1.363206 | 6.004339 |
| Stddev | .03867 | .0013246 | .0012913 | .0041954 | .0013071 | .003623 | .018053 |
| %RSD | .3852011 | .4592782 | .3165046 | .6083867 | .6811282 | .2657392 | .3006688 |
| #1 | 10.06605 | .2881573 | .4073172 | .6895660 | .1924525 | 1.367363 | 5.984331 |
| #2 | 9.99368 | .2898483 | .4094625 | .6938096 | .1928509 | 1.361536 | 6.019411 |
| #3 | 10.05348 | .2872366 | .4071447 | .6854189 | .1904142 | 1.360720 | 6.009274 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MSD Acquired: 3/13/2025 17:34:27 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .2949943 | .1879431 | .2309041 |
| Stddev | .0037477 | .0013592 | .0003417 |
| %RSD | 1.270444 | .7231986 | .1479876 |
| | | | |
| #1 | .2986176 | .1885229 | .2312816 |
| #2 | .2911335 | .1889162 | .2308146 |
| #3 | .2952318 | .1863901 | .2306160 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3307.785 | 72059.37 | 14489.93 | 2111.347 | 4402.772 |
| Stddev | 12.666 | 239.41 | 36.14 | 6.400 | 13.066 |
| %RSD | .3829028 | .3322392 | .2493886 | .3031353 | .2967677 |
| | | | | | |
| #1 | 3308.533 | 71952.43 | 14531.45 | 2106.664 | 4400.033 |
| #2 | 3294.761 | 72333.61 | 14465.63 | 2118.639 | 4391.293 |
| #3 | 3320.059 | 71892.07 | 14472.69 | 2108.737 | 4416.991 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05A Acquired: 3/13/2025 17:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .7829580 | 1.753771 | .9663901 | 1.848942 | .7577616 | 1.867369 | .3934170 |
| Stddev | .0020516 | .013210 | .0058354 | .010909 | .0068801 | .005234 | .0020690 |
| %RSD | .2620367 | .7532208 | .6038383 | .5900392 | .9079494 | .2803050 | .5259088 |
| #1 | .7834393 | 1.739277 | .9596840 | 1.836860 | .7498645 | 1.862147 | .3911323 |
| #2 | .7807085 | 1.765133 | .9691737 | 1.851895 | .7609610 | 1.872616 | .3939545 |
| #3 | .7847261 | 1.756902 | .9703124 | 1.858071 | .7624595 | 1.867343 | .3951643 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1890739 | .1947889 | 8.644263 | .4025309 | .1959665 | .2913008 | 2.965815 |
| Stddev | .0001374 | .0013168 | .034914 | .0014505 | .0017982 | .0014937 | .017114 |
| %RSD | .0726608 | .6760061 | .4038979 | .3603326 | .9175951 | .5127641 | .5770570 |
| #1 | .1890999 | .1933803 | 8.629596 | .4036398 | .1939219 | .2896676 | 2.965203 |
| #2 | .1889253 | .1949974 | 8.619075 | .4008895 | .1966755 | .2916372 | 2.949015 |
| #3 | .1891964 | .1959890 | 8.684118 | .4030635 | .1973022 | .2925976 | 2.983228 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2206660 | 2.425931 | .4898202 | .0725965 | 310.7105 | .2895875 | .2777064 |
| Stddev | .0015616 | .015972 | .0039856 | .0001152 | 5.2532 | .0022333 | .0009897 |
| %RSD | .7076945 | .6583843 | .8136868 | .1587004 | 1.690711 | .7711838 | .3563755 |
| #1 | .2200162 | 2.436792 | .4855243 | .0724775 | 306.0685 | .2870634 | .2788043 |
| #2 | .2195342 | 2.407592 | .4905386 | .0726047 | 309.6498 | .2903918 | .2774322 |
| #3 | .2224476 | 2.433410 | .4933978 | .0727075 | 316.4131 | .2913071 | .2768828 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.22734 | .2764221 | .4012346 | .6802892 | .1889453 | 1.379887 | 5.978197 |
| Stddev | .02794 | .0006874 | .0020955 | .0042340 | .0010657 | .017802 | .040697 |
| %RSD | .2731582 | .2486650 | .5222679 | .6223886 | .5640339 | 1.290070 | .6807595 |
| #1 | 10.21298 | .2771268 | .3988345 | .6759427 | .1884716 | 1.364518 | 5.937845 |
| #2 | 10.20951 | .2757536 | .4027008 | .6805239 | .1881986 | 1.375751 | 5.977516 |
| #3 | 10.25954 | .2763859 | .4021685 | .6844010 | .1901658 | 1.399393 | 6.019231 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05A Acquired: 3/13/2025 17:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .2912400 | .1874482 | .2314363 |
| Stddev | .0063610 | .0002733 | .0009829 |
| %RSD | 2.184112 | .1458141 | .4247046 |
| | | | |
| #1 | .2869222 | .1872562 | .2304579 |
| #2 | .2882531 | .1873272 | .2314273 |
| #3 | .2985448 | .1877611 | .2324237 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3332.774 | 72962.00 | 14974.87 | 2158.487 | 4416.640 |
| Stddev | 18.784 | 342.59 | 64.06 | 7.818 | 31.838 |
| %RSD | .5636280 | .4695420 | .4277693 | .3621992 | .7208620 |
| | | | | | |
| #1 | 3351.576 | 72856.22 | 14979.87 | 2151.900 | 4446.326 |
| #2 | 3332.740 | 73345.00 | 15036.29 | 2167.127 | 4420.577 |
| #3 | 3314.008 | 72684.78 | 14908.46 | 2156.436 | 4383.016 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-10 Acquired: 3/13/2025 17:42:48 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001476 | -.004217 | .0129484 | .0033742 | .0009026 | .0203576 | .2650763 |
| Stddev | .002350 | .001986 | .0016847 | .0009776 | .0008079 | .0039406 | .0006083 |
| %RSD | 159.2178 | 47.09916 | 13.01117 | 28.97132 | 89.51191 | 19.35705 | .2294933 |
| #1 | -.001328 | -.005968 | .0142501 | .0029741 | .0005818 | .0241980 | .2649918 |
| #2 | .000797 | -.004625 | .0135495 | .0044884 | .0003043 | .0205508 | .2657225 |
| #3 | -.003897 | -.002059 | .0110456 | .0026602 | .0018216 | .0163239 | .2645147 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000009 | .0001161 | 11.22772 | -.000079 | .0153508 | .0116022 | 1.403295 |
| Stddev | .000013 | .0000445 | .01271 | .000167 | .0002448 | .0003225 | .005320 |
| %RSD | 143.2805 | 38.29374 | .1131789 | 210.5415 | 1.594453 | 2.779530 | .3791134 |
| #1 | .000003 | .0001671 | 11.23633 | .000010 | .0152598 | .0116404 | 1.407969 |
| #2 | -.000007 | .0000855 | 11.21312 | -.000273 | .0156280 | .0112624 | 1.404411 |
| #3 | -.000022 | .0000957 | 11.23370 | .000024 | .0151646 | .0119040 | 1.397506 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3676692 | .6166513 | .0037323 | -.000135 | 316.6692 | .0015856 | .0853280 |
| Stddev | .0002794 | .0125569 | .0003991 | .000244 | 4.9896 | .0009242 | .0002517 |
| %RSD | .0759820 | 2.036304 | 10.69322 | 180.9761 | 1.575661 | 58.28986 | .2949723 |
| #1 | .3678330 | .6092688 | .0033322 | .000142 | 321.0825 | .0007325 | .0850504 |
| #2 | .3673466 | .6311500 | .0037343 | -.000316 | 317.6701 | .0014567 | .0855413 |
| #3 | .3678280 | .6095352 | .0041304 | -.000230 | 311.2550 | .0025675 | .0853923 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9165102 | .0308125 | -.000002 | -.001309 | .0008983 | .8082710 | .0097488 |
| Stddev | .0170686 | .0003518 | .000198 | .000359 | .0002631 | .0094446 | .0030642 |
| %RSD | 1.862348 | 1.141598 | 12039.96 | 27.46419 | 29.29056 | 1.168492 | 31.43164 |
| #1 | .9104422 | .0306746 | -.000224 | -.001677 | .0010677 | .8073207 | .0096132 |
| #2 | .9033046 | .0305505 | .000064 | -.001290 | .0005952 | .8181548 | .0128786 |
| #3 | .9357837 | .0312123 | .000155 | -.000959 | .0010322 | .7993375 | .0067546 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-10 Acquired: 3/13/2025 17:42:48 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .3950351 | -.001895 | .0793749 |
| Stddev | .0026865 | .000878 | .0000804 |
| %RSD | .6800765 | 46.35003 | .1012266 |
| | | | |
| #1 | .3976106 | -.002555 | .0794356 |
| #2 | .3922498 | -.000898 | .0794052 |
| #3 | .3952448 | -.002232 | .0792838 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3314.798 | 71850.90 | 14515.51 | 2131.317 | 4415.137 |
| Stddev | 3.402 | 450.19 | 15.36 | 12.406 | 9.888 |
| %RSD | .1026265 | .6265620 | .1057964 | .5820611 | .2239616 |
| | | | | | |
| #1 | 3317.711 | 71743.58 | 14529.57 | 2119.854 | 4415.663 |
| #2 | 3311.059 | 71464.07 | 14499.12 | 2129.609 | 4404.996 |
| #3 | 3315.624 | 72345.06 | 14517.83 | 2144.488 | 4424.751 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-05 Acquired: 3/13/2025 17:47:14 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0065243 | -.002203 | .0171192 | .0016177 | .0029561 | .0892956 | .5991115 |
| Stddev | .0027373 | .000914 | .0008813 | .0007334 | .0016303 | .0047909 | .0011874 |
| %RSD | 41.95546 | 41.48921 | 5.148008 | 45.33816 | 55.14842 | 5.365179 | .1981853 |
| #1 | .0090103 | -.003090 | .0161540 | .0007808 | .0024748 | .0838863 | .5996446 |
| #2 | .0069718 | -.002255 | .0178811 | .0021487 | .0047728 | .0930038 | .5999388 |
| #3 | .0035909 | -.001264 | .0173224 | .0019235 | .0016207 | .0909966 | .5977510 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001268 | -.000863 | 12.96602 | .0003235 | .0018501 | .0192508 | 12.24144 |
| Stddev | .0000265 | .000060 | .01768 | .0003165 | .0001585 | .0000132 | .04494 |
| %RSD | 20.93790 | 6.891746 | .1363639 | 97.81453 | 8.565060 | .0684130 | .3671527 |
| #1 | .0001563 | -.000923 | 12.95709 | .0006773 | .0019931 | .0192655 | 12.29157 |
| #2 | .0001192 | -.000804 | 12.98639 | .0000675 | .0018773 | .0192403 | 12.22803 |
| #3 | .0001048 | -.000862 | 12.95459 | .0002258 | .0016797 | .0192466 | 12.20473 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2256814 | 4.435617 | .0029199 | .0003008 | 340.3673 | .0029253 | .2847634 |
| Stddev | .0006634 | .041410 | .0004419 | .0005018 | 2.1381 | .0012995 | .0011995 |
| %RSD | .2939445 | .9335734 | 15.13525 | 166.8495 | .6281888 | 44.42206 | .4212201 |
| #1 | .2260495 | 4.415710 | .0024650 | -.000047 | 338.1237 | .0014862 | .2845928 |
| #2 | .2260790 | 4.483221 | .0033476 | .000876 | 342.3814 | .0032769 | .2860391 |
| #3 | .2249155 | 4.407920 | .0029470 | .000074 | 340.5969 | .0040128 | .2836584 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.971155 | .1473849 | .0000203 | -.001819 | .0024593 | 1.178881 | .1430528 |
| Stddev | .012690 | .0006097 | .0001869 | .000492 | .0001681 | .007422 | .0005261 |
| %RSD | .4271168 | .4136668 | 919.7099 | 27.04650 | 6.837493 | .6295741 | .3677344 |
| #1 | 2.981942 | .1476838 | -.000132 | -.001909 | .0025553 | 1.187451 | .1436600 |
| #2 | 2.974351 | .1477874 | -.000036 | -.002261 | .0022651 | 1.174695 | .1427374 |
| #3 | 2.957172 | .1466834 | .000229 | -.001289 | .0025574 | 1.174499 | .1427608 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-05 Acquired: 3/13/2025 17:47:14 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .6568495 | .0033785 | .1127152 |
| Stddev | .0063565 | .0003501 | .0004829 |
| %RSD | .9677231 | 10.36353 | .4284580 |
| #1 | .6511051 | .0037666 | .1131441 |
| #2 | .6557647 | .0032826 | .1128095 |
| #3 | .6636785 | .0030864 | .1121921 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3281.737 | 71845.75 | 15035.45 | 2104.045 | 4377.629 |
| Stddev | 23.833 | 110.53 | 87.35 | 5.906 | 22.423 |
| %RSD | .7262273 | .1538484 | .5809370 | .2806863 | .5122079 |
| #1 | 3300.428 | 71777.69 | 15089.77 | 2097.228 | 4392.404 |
| #2 | 3289.884 | 71786.28 | 14934.69 | 2107.610 | 4388.655 |
| #3 | 3254.899 | 71973.29 | 15081.89 | 2107.296 | 4351.829 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BL Acquired: 3/13/2025 17:51:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0002026 | .0007802 | .0004670 | .0013533 | .0019466 | -.006017 | .0022761 |
| Stddev | .0024422 | .0023288 | .0008029 | .0020450 | .0002752 | .004070 | .0019383 |
| %RSD | 1205.555 | 298.4709 | 171.9201 | 151.1039 | 14.13778 | 67.64652 | 85.15835 |
| #1 | -.002595 | .0029481 | .0012246 | .0025787 | .0021575 | -.006957 | .0003452 |
| #2 | .001908 | -.001682 | .0005512 | -.001007 | .0020470 | -.001559 | .0022615 |
| #3 | .001295 | .001074 | -.000375 | .002489 | .0016353 | -.009535 | .0042218 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000351 | .0000627 | -.003878 | .0002241 | .0001068 | .0000847 | .0023057 |
| Stddev | .0000344 | .0000725 | .013588 | .0002275 | .0001004 | .0002176 | .0023236 |
| %RSD | 98.21450 | 115.6086 | 350.4104 | 101.4835 | 94.02358 | 256.7953 | 100.7755 |
| #1 | -.000003 | .0000499 | -.004134 | .0004867 | .0000832 | .0002066 | .0007031 |
| #2 | .000043 | .0001407 | .009837 | .0000870 | .0002168 | .0002140 | .0012434 |
| #3 | .000065 | -.000003 | -.017335 | .0000987 | .0000202 | -.000166 | .0049705 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000601 | .0061467 | -.000131 | .0000069 | .2191507 | -.000444 | -.001136 |
| Stddev | .000136 | .0070259 | .000093 | .0004202 | .0239567 | .001115 | .000378 |
| %RSD | 22.72866 | 114.3039 | 70.55634 | 6070.931 | 10.93163 | 251.1875 | 33.29589 |
| #1 | -.000544 | .0009451 | -.000207 | .0004493 | .2046980 | .000663 | -.001287 |
| #2 | -.000501 | .0033557 | -.000159 | -.000387 | .2468041 | -.001565 | -.000705 |
| #3 | -.000756 | .0141392 | -.000028 | -.000042 | .2059499 | -.000429 | -.001414 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1057200 | -.004164 | .0000155 | -.001340 | .0006875 | -.003753 | -.003826 |
| Stddev | .0128872 | .000560 | .0000406 | .000395 | .0004450 | .002235 | .001006 |
| %RSD | 12.18990 | 13.43631 | 261.0540 | 29.47277 | 64.72675 | 59.55941 | 26.30264 |
| #1 | .0923834 | -.004810 | .0000097 | -.001016 | .0006543 | -.001439 | -.003756 |
| #2 | .1181050 | -.003848 | -.000022 | -.001224 | .0002600 | -.005901 | -.002857 |
| #3 | .1066717 | -.003835 | .000059 | -.001780 | .0011481 | -.003920 | -.004866 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BL Acquired: 3/13/2025 17:51:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001668 | .0050715 | -.000051 |
| Stddev | .003015 | .0005799 | .000067 |
| %RSD | 180.7929 | 11.43367 | 132.8273 |
| | | | |
| #1 | -.003585 | .0046129 | -.000093 |
| #2 | .001808 | .0048782 | -.000086 |
| #3 | -.003227 | .0057233 | .000027 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3442.256 | 75017.49 | 14299.24 | 2198.246 | 4981.174 |
| Stddev | 26.034 | 227.09 | 56.77 | 10.024 | 33.301 |
| %RSD | .7563199 | .3027156 | .3970086 | .4560077 | .6685332 |
| | | | | | |
| #1 | 3460.057 | 75003.57 | 14354.23 | 2191.102 | 5008.733 |
| #2 | 3454.335 | 74797.67 | 14302.65 | 2193.932 | 4990.617 |
| #3 | 3412.376 | 75251.21 | 14240.84 | 2209.705 | 4944.171 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BS Acquired: 3/13/2025 17:55:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .7915988 | 1.969029 | .9639414 | 1.917598 | .7791807 | 1.881172 |
| Stddev | .0023670 | .010462 | .0028571 | .008878 | .0057612 | .007330 |
| %RSD | .2990178 | .5313524 | .2963933 | .4629503 | .7393895 | .3896592 |
| #1 | .7901028 | 1.979217 | .9614438 | 1.910513 | .7765056 | 1.889323 |
| #2 | .7903658 | 1.958312 | .9633236 | 1.914726 | .7752433 | 1.875122 |
| #3 | .7943278 | 1.969560 | .9670568 | 1.927556 | .7857930 | 1.879072 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1768342 | .2103217 | .1918852 | .9809289 | .4071497 | .1933373 |
| Stddev | .0012133 | .0019895 | .0005856 | .0078170 | .0007045 | .0007390 |
| %RSD | .6861455 | .9459343 | .3051901 | .7968953 | .1730202 | .3822288 |
| #1 | .1781222 | .2121099 | .1914703 | .9891518 | .4063363 | .1927412 |
| #2 | .1757127 | .2081787 | .1916302 | .9735936 | .4075632 | .1931066 |
| #3 | .1766678 | .2106766 | .1925551 | .9800414 | .4075495 | .1941641 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3039258 | 2.703886 | .1911803 | 1.922416 | .4861262 | .0742940 |
| Stddev | .0018646 | .015876 | .0008023 | .012994 | .0021139 | .0002342 |
| %RSD | .6134936 | .5871459 | .4196487 | .6759262 | .4348452 | .3152758 |
| #1 | .3026845 | 2.691756 | .1921002 | 1.937322 | .4843242 | .0744693 |
| #2 | .3030229 | 2.721854 | .1908151 | 1.913475 | .4856015 | .0740280 |
| #3 | .3060699 | 2.698047 | .1906256 | 1.916452 | .4884531 | .0743848 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.563249 | .2841139 | .1986337 | 8.535070 | .2964622 | .3968197 |
| Stddev | .010065 | .0008028 | .0013191 | .093072 | .0025137 | .0014581 |
| %RSD | .3926812 | .2825746 | .6640611 | 1.090470 | .8478813 | .3674397 |
| #1 | 2.574362 | .2833799 | .1974732 | 8.430665 | .2993626 | .3960770 |
| #2 | 2.560637 | .2839904 | .1983597 | 8.609345 | .2949154 | .3958825 |
| #3 | 2.554746 | .2849713 | .2000682 | 8.565199 | .2951086 | .3984996 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BS Acquired: 3/13/2025 17:55:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .6827311 | .1861890 | F .7200973 | 5.669972 | F -.012793 | .1894475 |
| Stddev | .0026389 | .0005913 | .0088082 | .022149 | .001121 | .0006043 |
| %RSD | .3865149 | .3175847 | 1.223197 | .3906314 | 8.760268 | .3189996 |
| #1 | .6807695 | .1864352 | .7111301 | 5.657505 | -.012709 | .1901453 |
| #2 | .6816926 | .1855144 | .7287374 | 5.656867 | -.013954 | .1890927 |
| #3 | .6857312 | .1866174 | .7204245 | 5.695545 | -.011717 | .1891046 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1820682 |
| Stddev | .0005008 |
| %RSD | .2750717 |
| #1 | .1826421 |
| #2 | .1818424 |
| #3 | .1817200 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3448.328 | 75706.46 | 14094.24 | 2223.248 | 4855.039 |
| Stddev | 7.357 | 149.13 | 121.96 | 10.576 | 5.520 |
| %RSD | .2133536 | .1969897 | .8652846 | .4757170 | .1137027 |
| #1 | 3445.896 | 75878.04 | 13968.58 | 2228.381 | 4855.738 |
| #2 | 3456.593 | 75633.34 | 14212.12 | 2230.279 | 4860.177 |
| #3 | 3442.494 | 75607.99 | 14102.02 | 2211.085 | 4849.203 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1545-01DLX5 Acquired: 3/13/2025 17:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0170219 | .0024836 | .0144592 | -.002638 | -.000346 | 9.011489 |
| Stddev | .0020997 | .0012610 | .0012113 | .003394 | .001172 | .006207 |
| %RSD | 12.33504 | 50.77245 | 8.377577 | 128.6772 | 338.8989 | .0688825 |
| #1 | .0178856 | .0013724 | .0155622 | .000368 | -.001282 | 9.008279 |
| #2 | .0185520 | .0038540 | .0146528 | -.006318 | .000969 | 9.007544 |
| #3 | .0146281 | .0022242 | .0131628 | -.001962 | -.000725 | 9.018644 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0921931 | .0000863 | -.001258 | 34.91364 | .0271494 | .0073963 |
| Stddev | .0009436 | .0000329 | .000049 | .06975 | .0001865 | .0002136 |
| %RSD | 1.023498 | 38.06508 | 3.883007 | .1997810 | .6869212 | 2.888532 |
| #1 | .0929442 | .0000746 | -.001254 | 34.89520 | .0272833 | .0076395 |
| #2 | .0911340 | .0001234 | -.001308 | 34.85495 | .0269364 | .0072391 |
| #3 | .0925011 | .0000609 | -.001211 | 34.99075 | .0272285 | .0073102 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0309426 | 36.93689 | 9.924113 | 14.80785 | .0136921 | -.000722 |
| Stddev | .0006333 | .31811 | .033317 | .03720 | .0004416 | .000235 |
| %RSD | 2.046597 | .8612376 | .3357132 | .2512248 | 3.225447 | 32.50173 |
| #1 | .0311913 | 36.60500 | 9.916204 | 14.80099 | .0131824 | -.000969 |
| #2 | .0302227 | 36.96650 | 9.895464 | 14.77456 | .0139333 | -.000695 |
| #3 | .0314137 | 37.23916 | 9.960673 | 14.84800 | .0139607 | -.000502 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 386.5274 | .0216014 | .0718662 | 2.723940 | -.047564 | .0006928 |
| Stddev | 3.5252 | .0011359 | .0005519 | .048148 | .001901 | .0002076 |
| %RSD | .9120271 | 5.258249 | .7679601 | 1.767592 | 3.996508 | 29.96530 |
| #1 | 384.5733 | .0215025 | .0715897 | 2.671768 | -.049686 | .0009029 |
| #2 | 384.4120 | .0205182 | .0725017 | 2.733388 | -.046991 | .0004878 |
| #3 | 390.5969 | .0227834 | .0715071 | 2.766663 | -.046015 | .0006876 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1545-01DLX5 Acquired: 3/13/2025 17:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | -.001898 | .1856285 | F 11.83799 | .4088863 | 1.036876 | .0262526 |
| Stddev | .000271 | .0007611 | .08257 | .0049381 | .000951 | .0003427 |
| %RSD | 14.29878 | .4100035 | .6975076 | 1.207685 | .0917025 | 1.305339 |
| #1 | -.002074 | .1856004 | 11.74394 | .4138808 | 1.037624 | .0264353 |
| #2 | -.001586 | .1848818 | 11.89857 | .4040067 | 1.035806 | .0258573 |
| #3 | -.002034 | .1864032 | 11.87145 | .4087713 | 1.037199 | .0264653 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1472532 |
| Stddev | .0006539 |
| %RSD | .4440487 |
| #1 | .1468921 |
| #2 | .1468596 |
| #3 | .1480080 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3271.172 | 70599.06 | 14072.54 | 2135.785 | 4128.296 |
| Stddev | 15.973 | 255.92 | 45.47 | 11.047 | 16.552 |
| %RSD | .4883032 | .3624924 | .3231457 | .5172305 | .4009316 |
| #1 | 3258.229 | 70889.53 | 14024.36 | 2147.831 | 4118.775 |
| #2 | 3289.023 | 70500.87 | 14114.71 | 2133.395 | 4147.408 |
| #3 | 3266.262 | 70406.77 | 14078.54 | 2126.129 | 4118.705 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13DLX10 Acquired: 3/13/2025 18:04:21 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .1022843 | .0223009 | 2.571095 | -.050084 | -.013178 | 284.7247 |
| Stddev | .0017292 | .0041504 | .007901 | .003013 | .002530 | .1135 |
| %RSD | 1.690601 | 18.61102 | .3072862 | 6.015337 | 19.19993 | .0398609 |
| #1 | .1041675 | .0257956 | 2.565552 | -.046697 | -.014999 | 284.6056 |
| #2 | .1007679 | .0233937 | 2.567591 | -.052465 | -.010289 | 284.8316 |
| #3 | .1019176 | .0177134 | 2.580141 | -.051089 | -.014248 | 284.7370 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5233256 | .0217035 | .0402230 | 57.42780 | .5574380 | .3451633 |
| Stddev | .0006985 | .0000845 | .0004275 | .15995 | .0025622 | .0009757 |
| %RSD | .1334705 | .3893074 | 1.062766 | .2785251 | .4596355 | .2826913 |
| #1 | .5236591 | .0216546 | .0397310 | 57.38922 | .5547023 | .3441247 |
| #2 | .5225229 | .0216549 | .0404343 | 57.29066 | .5578302 | .3453043 |
| #3 | .5237949 | .0218011 | .0405037 | 57.60351 | .5597815 | .3460608 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.824043 | 350.6715 | 12.69073 | 86.13104 | .7479633 | -.003961 |
| Stddev | .012923 | 1.0768 | .04038 | .37665 | .0025189 | .000276 |
| %RSD | .2678863 | .3070723 | .3181532 | .4373045 | .3367620 | 6.971453 |
| #1 | 4.812596 | 349.4983 | 12.67626 | 85.84704 | .7452929 | -.004088 |
| #2 | 4.821475 | 350.9013 | 12.65958 | 85.98779 | .7483002 | -.004151 |
| #3 | 4.838056 | 351.6149 | 12.73634 | 86.55831 | .7502967 | -.003644 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.24047 | .4492488 | 8.696345 | 29.93002 | -.353234 | .0206279 |
| Stddev | .07908 | .0013519 | .029396 | .11696 | .001677 | .0002494 |
| %RSD | .3555560 | .3009268 | .3380319 | .3907807 | .4747067 | 1.209221 |
| #1 | 22.15296 | .4487370 | 8.717193 | 29.79779 | -.355023 | .0207882 |
| #2 | 22.30679 | .4482276 | 8.709120 | 30.01993 | -.351699 | .0207549 |
| #3 | 22.26168 | .4507820 | 8.662723 | 29.97235 | -.352980 | .0203405 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13DLX10 Acquired: 3/13/2025 18:04:21 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0214499 | 1.234721 | 7.717380 | F 18.48676 | F 87.48469 | .5545051 |
| Stddev | .0025542 | .000455 | .114995 | .06523 | .46598 | .0005815 |
| %RSD | 11.90768 | .0368563 | 1.490077 | .3528220 | .5326435 | .1048614 |
| #1 | .0238381 | 1.234335 | 7.589902 | 18.42637 | 87.04349 | .5544155 |
| #2 | .0187571 | 1.234604 | 7.748938 | 18.47800 | 87.43856 | .5539736 |
| #3 | .0217547 | 1.235223 | 7.813302 | 18.55593 | 87.97202 | .5551261 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4112732 |
| Stddev | .0008092 |
| %RSD | .1967433 |
| #1 | .4110322 |
| #2 | .4106120 |
| #3 | .4121755 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4552.144 | 97889.61 | 21138.50 | 2939.536 | 4025.720 |
| Stddev | 8.663 | 271.96 | 39.06 | 8.550 | 14.371 |
| %RSD | .1903111 | .2778246 | .1847714 | .2908662 | .3569917 |
| #1 | 4558.801 | 98201.88 | 21138.88 | 2942.275 | 4038.961 |
| #2 | 4555.283 | 97704.73 | 21177.37 | 2929.951 | 4027.762 |
| #3 | 4542.349 | 97762.21 | 21099.26 | 2946.380 | 4010.436 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07DLX10 Acquired: 3/13/2025 18:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0862058 | .0064891 | 26.93084 | -.031791 | -.003453 | 103.2196 |
| Stddev | .0036085 | .0020533 | .04572 | .003922 | .001252 | .0756 |
| %RSD | 4.185907 | 31.64200 | .1697795 | 12.33763 | 36.26275 | .0732881 |
| #1 | .0890827 | .0045043 | 26.90652 | -.030398 | -.003646 | 103.1848 |
| #2 | .0821570 | .0086046 | 26.98358 | -.036220 | -.002116 | 103.3063 |
| #3 | .0873776 | .0063584 | 26.90241 | -.028756 | -.004598 | 103.1675 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.496819 | .0087592 | .0076460 | 564.7645 | .3202701 | .1395883 |
| Stddev | .002441 | .0000907 | .0000646 | 5.0496 | .0005047 | .0006689 |
| %RSD | .1630600 | 1.035199 | .8445012 | .8941072 | .1575845 | .4792035 |
| #1 | 1.496461 | .0087619 | .0075768 | 563.8417 | .3200415 | .1390928 |
| #2 | 1.499418 | .0086673 | .0076567 | 560.2399 | .3208487 | .1403492 |
| #3 | 1.494576 | .0088486 | .0077046 | 570.2118 | .3199203 | .1393229 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.700912 | 247.3903 | 4.825668 | 54.93974 | .4562169 | -.002149 |
| Stddev | .003245 | .6480 | .011235 | .18768 | .0010667 | .000417 |
| %RSD | .0690259 | .2619169 | .2328095 | .3416097 | .2338138 | 19.39812 |
| #1 | 4.697550 | 247.4296 | 4.824119 | 54.93940 | .4553863 | -.002606 |
| #2 | 4.704025 | 248.0177 | 4.815288 | 54.75224 | .4574199 | -.002054 |
| #3 | 4.701161 | 246.7236 | 4.837597 | 55.12760 | .4558446 | -.001788 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.49326 | .2929330 | 6.410060 | 22.25902 | -.145706 | .0089791 |
| Stddev | .07869 | .0026510 | .032840 | .15797 | .010211 | .0001093 |
| %RSD | .5429404 | .9049732 | .5123256 | .7096987 | 7.007671 | 1.216702 |
| #1 | 14.55383 | .2932502 | 6.396969 | 22.25792 | -.140621 | .0091030 |
| #2 | 14.52161 | .2901377 | 6.447427 | 22.41754 | -.139037 | .0089375 |
| #3 | 14.40432 | .2954110 | 6.385784 | 22.10160 | -.157461 | .0088968 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07DLX10 Acquired: 3/13/2025 18:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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 | .0423719 | 3.253808 | F 18.40142 | 7.203053 | F 55.29131 | .1680698 |
| Stddev | .0008652 | .004714 | .07705 | .029888 | .12953 | .0014155 |
| %RSD | 2.041947 | .1448818 | .4187181 | .4149340 | .2342682 | .8421837 |
| #1 | .0413931 | 3.254518 | 18.33836 | 7.211804 | 55.34307 | .1666120 |
| #2 | .0430345 | 3.248779 | 18.48731 | 7.227588 | 55.38696 | .1694387 |
| #3 | .0426881 | 3.258127 | 18.37860 | 7.169766 | 55.14391 | .1681585 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 1.548391 |
| Stddev | .007528 |
| %RSD | .4861739 |
| #1 | 1.545969 |
| #2 | 1.556831 |
| #3 | 1.542371 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3426.250 | 74900.53 | 15603.49 | 2196.010 | 3879.085 |
| Stddev | 8.005 | 181.41 | 47.35 | 9.732 | 10.430 |
| %RSD | .2336384 | .2421959 | .3034707 | .4431565 | .2688665 |
| #1 | 3435.122 | 74893.59 | 15607.79 | 2198.366 | 3888.499 |
| #2 | 3419.566 | 74722.70 | 15648.55 | 2185.316 | 3867.874 |
| #3 | 3424.062 | 75085.31 | 15554.14 | 2204.348 | 3880.881 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV07 Acquired: 3/13/2025 18:12:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **5.254388** | **5.221212** | **5.332944** | **5.179713** | **5.162615** | **10.18104** |
| Stddev | .048924 | .044526 | .041213 | .040368 | .050289 | .06042 |
| %RSD | .9311049 | .8527958 | .7727917 | .7793568 | .9740994 | .5934582 |
| #1 | 5.197991 | 5.177267 | 5.285666 | 5.134139 | 5.104596 | 10.11517 |
| #2 | 5.279750 | 5.220071 | 5.351888 | 5.194026 | 5.189564 | 10.23388 |
| #3 | 5.285424 | 5.266297 | 5.361279 | 5.210976 | 5.193687 | 10.19408 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **9.962327** | **.2672721** | **2.640300** | **25.76465** | **1.087808** | **2.615391** |
| Stddev | .060391 | .0008855 | .021218 | .14461 | .012822 | .020552 |
| %RSD | .6061921 | .3312967 | .8036072 | .5612644 | 1.178697 | .7857998 |
| #1 | 10.00761 | .2664202 | 2.615805 | 25.60074 | 1.073566 | 2.591745 |
| #2 | 9.89376 | .2672085 | 2.652100 | 25.87422 | 1.098434 | 2.625479 |
| #3 | 9.98561 | .2681877 | 2.652994 | 25.81898 | 1.091424 | 2.628950 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **1.306956** | **5.150240** | **2.544194** | **26.05334** | **2.617499** | **1.313131** |
| Stddev | .010507 | .065874 | .019611 | .07392 | .022838 | .012119 |
| %RSD | .8039464 | 1.279038 | .7708143 | .2837142 | .8725118 | .9228858 |
| #1 | 1.294839 | 5.075627 | 2.521549 | 25.96955 | 2.591134 | 1.300059 |
| #2 | 1.312469 | 5.200355 | 2.555535 | 26.08113 | 2.631178 | 1.323991 |
| #3 | 1.313559 | 5.174737 | 2.555499 | 26.10933 | 2.630185 | 1.315344 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | **24.66040** | **2.570958** | **2.595571** | **25.00401** | **5.246646** | **5.216289** |
| Stddev | .42158 | .018422 | .029200 | .42589 | .013967 | .044314 |
| %RSD | 1.709558 | .7165549 | 1.124992 | 1.703298 | .2662081 | .8495342 |
| #1 | 24.19484 | 2.550475 | 2.564434 | 24.55443 | 5.234129 | 5.165403 |
| #2 | 25.01635 | 2.576229 | 2.622342 | 25.40141 | 5.244098 | 5.237075 |
| #3 | 24.77001 | 2.586170 | 2.599937 | 25.05618 | 5.261712 | 5.246389 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV07 Acquired: 3/13/2025 18:12:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 5.313756 | 5.052778 | F 5.519977 | 5.319648 | 5.136323 | 4.878473 |
| Stddev | .047327 | .033179 | .068772 | .041890 | .048683 | .045993 |
| %RSD | .8906497 | .6566519 | 1.245870 | .7874668 | .9478087 | .9427808 |
| #1 | 5.259250 | 5.014857 | 5.443314 | 5.271430 | 5.080244 | 4.826468 |
| #2 | 5.344424 | 5.076470 | 5.576242 | 5.340427 | 5.161001 | 4.913803 |
| #3 | 5.337594 | 5.067006 | 5.540376 | 5.347088 | 5.167724 | 4.895147 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 5.119384 |
| Stddev | .020533 |
| %RSD | .4010807 |
| #1 | 5.108787 |
| #2 | 5.106315 |
| #3 | 5.143051 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3272.996 | 71055.81 | 14168.57 | 2078.755 | 4369.971 |
| Stddev | 22.191 | 646.02 | 33.00 | 24.128 | 27.584 |
| %RSD | .6779892 | .9091739 | .2328852 | 1.160690 | .6312094 |
| #1 | 3298.608 | 71761.75 | 14189.73 | 2102.833 | 4401.748 |
| #2 | 3259.525 | 70494.09 | 14185.42 | 2054.577 | 4352.208 |
| #3 | 3260.855 | 70911.59 | 14130.55 | 2078.856 | 4355.957 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB07 Acquired: 3/13/2025 18:35:44 Type: Unk
Method: NON EPA-6010-200.7(v2807) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.003443 | .0003873 | .0004767 | .0010832 | .0009277 | .0350891 |
| Stddev | .001522 | .0010169 | .0011112 | .0006958 | .0011556 | .0040293 |
| %RSD | 44.18568 | 262.5499 | 233.0825 | 64.24095 | 124.5647 | 11.48295 |
| #1 | -.001789 | -.000784 | .0013632 | .0016384 | -.000085 | .0397410 |
| #2 | -.004782 | .000907 | -.000770 | .0013085 | .000682 | .0326926 |
| #3 | -.003760 | .001039 | .000837 | .0003026 | .002186 | .0328338 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009465 | -.000005 | -.000065 | .0096253 | .0004963 | .0000982 |
| Stddev | .0007017 | .000044 | .000039 | .0041656 | .0003809 | .0002168 |
| %RSD | 74.13561 | 908.8259 | 59.75856 | 43.27812 | 76.74513 | 220.8872 |
| #1 | .0001611 | -.000019 | -.000047 | .0075401 | .0000592 | .0002414 |
| #2 | .0011665 | .000044 | -.000109 | .0069141 | .0007567 | .0002043 |
| #3 | .0015117 | -.000040 | -.000038 | .0144218 | .0006731 | -.000151 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0006039 | .0456432 | .0021504 | .0204709 | .0001640 | .0002486 |
| Stddev | .0000675 | .0042720 | .0002479 | .0072105 | .0001245 | .0001780 |
| %RSD | 11.17303 | 9.359586 | 11.52942 | 35.22341 | 75.93418 | 71.61901 |
| #1 | .0006447 | .0494763 | .0024350 | .0283610 | .0001322 | .0002498 |
| #2 | .0005260 | .0464157 | .0020348 | .0188283 | .0000585 | .0000700 |
| #3 | .0006409 | .0410377 | .0019814 | .0142233 | .0003013 | .0004261 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0744459 | .0009945 | .0003660 | .0630431 | -.002452 | -.000039 |
| Stddev | .0171228 | .0016565 | .0000626 | .0349635 | .001099 | .000028 |
| %RSD | 23.00033 | 166.5562 | 17.09595 | 55.45966 | 44.80499 | 71.70239 |
| #1 | .0688591 | .0024193 | .0004345 | .0341530 | -.003379 | -.000007 |
| #2 | .0608144 | .0013873 | .0003118 | .0530655 | -.001238 | -.000059 |
| #3 | .0936644 | -.000823 | .0003516 | .1019108 | -.002739 | -.000049 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB07 Acquired: 3/13/2025 18:35:44 Type: Unk
Method: NON EPA-6010-200.7(v2807) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.001294 | .0018077 | .0196236 | -.003213 | F .0105764 | .0008358 |
| Stddev | .000539 | .0002666 | .0016630 | .001477 | .0008338 | .0008751 |
| %RSD | 41.61524 | 14.74733 | 8.474342 | 45.97745 | 7.883200 | 104.7094 |
| #1 | -.001272 | .0021123 | .0214618 | -.004825 | .0099689 | .0000585 |
| #2 | -.001844 | .0016167 | .0191852 | -.001924 | .0115269 | .0006652 |
| #3 | -.000767 | .0016941 | .0182237 | -.002890 | .0102333 | .0017837 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0000199 |
| Stddev | .0000249 |
| %RSD | 125.3220 |
| #1 | .0000242 |
| #2 | .0000424 |
| #3 | -.000007 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3465.809 | 74589.02 | 14297.03 | 2176.017 | 5038.206 |
| Stddev | 16.453 | 86.96 | 33.31 | 13.109 | 24.663 |
| %RSD | .4747272 | .1165853 | .2329689 | .6024396 | .4895245 |
| #1 | 3446.816 | 74593.82 | 14274.26 | 2169.146 | 5009.920 |
| #2 | 3474.902 | 74673.49 | 14335.26 | 2191.134 | 5049.486 |
| #3 | 3475.708 | 74499.77 | 14281.57 | 2167.772 | 5055.213 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13 Acquired: 3/13/2025 18:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .3270694 | -.033025 | 21.41415 | -.263034 | -.031657 | 781.4163 |
| Stddev | .0031190 | .007077 | .05015 | .002856 | .001060 | 6.3263 |
| %RSD | .9536128 | 21.42799 | .2341727 | 1.085640 | 3.349443 | .8095964 |
| #1 | .3276556 | -.038157 | 21.47109 | -.263092 | -.032474 | 786.0940 |
| #2 | .3298537 | -.035966 | 21.37656 | -.265860 | -.032037 | 783.9368 |
| #3 | .3236989 | -.024952 | 21.39481 | -.260150 | -.030458 | 774.2183 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.437383 | .0594507 | 1.075739 | 145.9756 | 1.428332 | 2.923285 |
| Stddev | .022814 | .0002198 | .002333 | 1.3147 | .002996 | .006093 |
| %RSD | .6637140 | .3696677 | .2168600 | .9006635 | .2097587 | .2084450 |
| #1 | 3.429059 | .0595922 | 1.078389 | 146.5083 | 1.426276 | 2.928243 |
| #2 | 3.419900 | .0595625 | 1.073998 | 146.9404 | 1.431770 | 2.916483 |
| #3 | 3.463191 | .0591975 | 1.074829 | 144.4781 | 1.426951 | 2.925129 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 11.88596 | 761.5116 | 29.60540 | 219.2043 | 5.885835 | ^ ***** |
| Stddev | .01148 | .6561 | .02656 | .7846 | .016053 | ----- |
| %RSD | .0965639 | .0861624 | .0897297 | .3579284 | .2727395 | ----- |
| #1 | 11.89438 | 760.8596 | 29.58664 | 220.0967 | 5.902078 | ^ ----- |
| #2 | 11.89061 | 762.1718 | 29.63580 | 218.6228 | 5.869979 | ^ ----- |
| #3 | 11.87289 | 761.5036 | 29.59377 | 218.8934 | 5.885448 | ^ ----- |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 81.02651 | 1.141432 | 8.949270 | 105.9974 | ^ ***** | .0576410 |
| Stddev | .34721 | .000680 | .034570 | .4467 | ----- | .0004293 |
| %RSD | .4285129 | .0595390 | .3862850 | .4213820 | ----- | .7448334 |
| #1 | 81.35046 | 1.141694 | 8.948039 | 106.0247 | ^ ----- | .0576574 |
| #2 | 81.06911 | 1.140661 | 8.915333 | 106.4298 | ^ ----- | .0572037 |
| #3 | 80.65997 | 1.141942 | 8.984439 | 105.5377 | ^ ----- | .0580618 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13 Acquired: 3/13/2025 18:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .1835505 | 3.277685 | F 32.81593 | F 145.4242 | F 692.9766 | 1.624255 |
| Stddev | .0048991 | .004977 | .13562 | .4634 | 1.9244 | .002916 |
| %RSD | 2.669069 | .1518381 | .4132840 | .3186405 | .2776968 | .1795067 |
| #1 | .1779851 | 3.282186 | 32.68086 | 145.9374 | 695.0706 | 1.624150 |
| #2 | .1872110 | 3.272340 | 32.81481 | 145.2989 | 692.5735 | 1.627222 |
| #3 | .1854556 | 3.278529 | 32.95210 | 145.0364 | 691.2857 | 1.621393 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 1.142834 |
| Stddev | .002304 |
| %RSD | .2015772 |
| #1 | 1.145275 |
| #2 | 1.142529 |
| #3 | 1.140698 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 10888.31 | 250594.6 | 62969.35 | 6941.948 | 2862.922 |
| Stddev | 8.58 | 73.6 | 213.05 | 25.582 | 7.556 |
| %RSD | .0787597 | .0293809 | .3383423 | .3685131 | .2639273 |
| #1 | 10879.16 | 250627.5 | 62782.97 | 6917.985 | 2854.782 |
| #2 | 10889.60 | 250510.3 | 62923.49 | 6968.889 | 2869.713 |
| #3 | 10896.16 | 250646.1 | 63201.60 | 6938.970 | 2864.270 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07 Acquired: 3/13/2025 18:44:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .5439785 | -.083497 | F 241.6701 | -.272098 | -.011694 | 607.5722 |
| Stddev | .0033924 | .004582 | 1.0146 | .003927 | .002788 | 7.1166 |
| %RSD | .6236308 | 5.487869 | .4198183 | 1.443187 | 23.83973 | 1.171312 |
| #1 | .5433965 | -.085424 | 241.8076 | -.269910 | -.009418 | 615.2494 |
| #2 | .5476242 | -.078266 | 240.5938 | -.269752 | -.014804 | 606.2716 |
| #3 | .5409147 | -.086802 | 242.6089 | -.276631 | -.010861 | 601.1957 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 14.07703 | .0475851 | .4795052 | F 2560.086 | 1.519981 | 1.313382 |
| Stddev | .08283 | .0001073 | .0029304 | 14.691 | .005200 | .003976 |
| %RSD | .5884360 | .2253934 | .6111251 | .5738460 | .3421333 | .3027394 |
| #1 | 14.00671 | .0475380 | .4808674 | 2563.716 | 1.515875 | 1.313734 |
| #2 | 14.05605 | .0475094 | .4761417 | 2543.920 | 1.525829 | 1.309242 |
| #3 | 14.16834 | .0477078 | .4815065 | 2572.621 | 1.518239 | 1.317171 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 22.66240 | F 1115.970 | 23.67159 | 279.0531 | 3.951546 | ^ ***** |
| Stddev | .03700 | 3.314 | .21874 | 1.2945 | .017125 | ----- |
| %RSD | .1632795 | .2969617 | .9240444 | .4638946 | .4333860 | ----- |
| #1 | 22.64464 | 1114.137 | 23.45971 | 279.2198 | 3.951784 | ^ ----- |
| #2 | 22.63763 | 1119.795 | 23.89659 | 277.6832 | 3.934302 | ^ ----- |
| #3 | 22.70494 | 1113.978 | 23.65845 | 280.2561 | 3.968551 | ^ ----- |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 100.2919 | 1.482029 | 18.26090 | 152.1861 | ^ ***** | .0495992 |
| Stddev | .4556 | .012682 | .09444 | .3397 | ----- | .0003859 |
| %RSD | .4542437 | .8557162 | .5171693 | .2231854 | ----- | .7780140 |
| #1 | 99.9145 | 1.478856 | 18.28238 | 151.8888 | ^ ----- | .0496400 |
| #2 | 100.1632 | 1.471235 | 18.34276 | 152.1132 | ^ ----- | .0499631 |
| #3 | 100.7980 | 1.495996 | 18.15758 | 152.5563 | ^ ----- | .0491946 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07 Acquired: 3/13/2025 18:44:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .3947380 | F 17.11657 | F 129.8402 | F 72.75713 | F 537.6080 | 1.053862 |
| Stddev | .0065202 | .10482 | .3042 | .38230 | 2.4824 | .002753 |
| %RSD | 1.651776 | .6123847 | .2343038 | .5254530 | .4617491 | .2612256 |
| #1 | .3965038 | 17.12576 | 129.4900 | 72.94785 | 538.7103 | 1.055109 |
| #2 | .3875168 | 17.00746 | 130.0392 | 72.31699 | 534.7654 | 1.050706 |
| #3 | .4001935 | 17.21649 | 129.9913 | 73.00656 | 539.3484 | 1.055770 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 7.920092 |
| Stddev | .053802 |
| %RSD | .6793103 |
| #1 | 7.952254 |
| #2 | 7.857980 |
| #3 | 7.950043 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4502.425 | 105300.4 | 24213.46 | 2887.906 | 2679.360 |
| Stddev | 2.312 | 309.2 | 79.50 | 27.123 | 4.527 |
| %RSD | .0513474 | .2936664 | .3283201 | .9392015 | .1689594 |
| #1 | 4502.928 | 105357.8 | 24154.76 | 2871.983 | 2678.231 |
| #2 | 4499.903 | 104966.4 | 24303.93 | 2872.511 | 2684.345 |
| #3 | 4504.443 | 105576.8 | 24181.69 | 2919.224 | 2675.505 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13REDLX10 Acquired: 3/13/2025 18:49:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0910011 | .0243208 | 2.455129 | -.048450 | -.013600 | 281.8411 |
| Stddev | .0029094 | .0052299 | .007811 | .005036 | .000662 | 3.9512 |
| %RSD | 3.197107 | 21.50400 | .3181459 | 10.39479 | 4.866007 | 1.401922 |
| #1 | .0876463 | .0187388 | 2.461332 | -.042746 | -.014132 | 285.1989 |
| #2 | .0925249 | .0251159 | 2.457697 | -.052283 | -.012859 | 282.8373 |
| #3 | .0928322 | .0291076 | 2.446357 | -.050322 | -.013810 | 277.4872 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4897239 | .0211593 | .0366803 | 55.95812 | .5432403 | .3299456 |
| Stddev | .0019529 | .0000052 | .0008325 | .05658 | .0011444 | .0000788 |
| %RSD | .3987789 | .0246773 | 2.269601 | .1011191 | .2106680 | .0238820 |
| #1 | .4893227 | .0211600 | .0374780 | 55.97194 | .5420008 | .3299772 |
| #2 | .4880028 | .0211641 | .0367460 | 55.89591 | .5442568 | .3298559 |
| #3 | .4918463 | .0211537 | .0358169 | 56.00652 | .5434633 | .3300038 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.700574 | 341.3552 | 12.44633 | 84.40388 | .7149709 | -.003658 |
| Stddev | .002195 | 4.1404 | .01327 | .10893 | .0001152 | .000912 |
| %RSD | .0467014 | 1.212943 | .1066349 | .1290530 | .0161086 | 24.93643 |
| #1 | 4.703093 | 337.0467 | 12.45056 | 84.52846 | .7148635 | -.004204 |
| #2 | 4.699071 | 341.7147 | 12.43145 | 84.35659 | .7149566 | -.004166 |
| #3 | 4.699558 | 345.3041 | 12.45696 | 84.32659 | .7150926 | -.002605 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 21.19235 | .4416939 | 7.774519 | 29.49669 | -.345447 | .0202737 |
| Stddev | .17544 | .0004058 | .022168 | .20451 | .012334 | .0002838 |
| %RSD | .8278393 | .0918782 | .2851350 | .6933219 | 3.570474 | 1.400085 |
| #1 | 21.03078 | .4414771 | 7.748985 | 29.29055 | -.358421 | .0200070 |
| #2 | 21.16730 | .4421620 | 7.785733 | 29.50001 | -.344049 | .0202422 |
| #3 | 21.37896 | .4414424 | 7.788839 | 29.69953 | -.333872 | .0205720 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13REDLX10 Acquired: 3/13/2025 18:49:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .0204742 | 1.362363 | F 13.91823 | F 17.65106 | F 83.41607 | .5295140 |
| Stddev | .0006040 | .012881 | .03254 | .03115 | .08489 | .0015311 |
| %RSD | 2.950004 | .9454809 | .2337716 | .1764757 | .1017693 | .2891590 |
| #1 | .0208700 | 1.371478 | 13.88272 | 17.61590 | 83.48390 | .5277470 |
| #2 | .0207737 | 1.347627 | 13.92538 | 17.66210 | 83.32087 | .5304499 |
| #3 | .0197790 | 1.367986 | 13.94660 | 17.67519 | 83.44345 | .5303451 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4004432 |
| Stddev | .0003872 |
| %RSD | .0966801 |
| #1 | .4000249 |
| #2 | .4005159 |
| #3 | .4007888 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4530.827 | 97787.56 | 20923.61 | 2933.071 | 4079.743 |
| Stddev | 3.755 | 255.20 | 87.74 | 3.529 | 5.723 |
| %RSD | .0828867 | .2609740 | .4193242 | .1203011 | .1402858 |
| #1 | 4528.800 | 98073.24 | 20841.78 | 2931.667 | 4079.150 |
| #2 | 4528.522 | 97707.29 | 20912.79 | 2930.460 | 4074.339 |
| #3 | 4535.161 | 97582.14 | 21016.25 | 2937.085 | 4085.740 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV08 Acquired: 3/13/2025 18:53:53 Type: Unk
Method: NON EPA-6010-200.7(v2808) 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 | 4.954074 | 4.916991 | 5.057677 | 4.843185 | 4.849242 | 9.616900 | 9.389481 |
| Stddev | .005446 | .030817 | .015891 | .008438 | .009128 | .378266 | .558789 |
| %RSD | .1099254 | .6267541 | .3142008 | .1742241 | .1882300 | 3.933348 | 5.951218 |
| #1 | 4.947796 | 4.893757 | 5.046436 | 4.835093 | 4.847087 | 9.809377 | 9.764979 |
| #2 | 4.957522 | 4.905266 | 5.050738 | 4.842531 | 4.841385 | 9.860219 | 9.656150 |
| #3 | 4.956906 | 4.951950 | 5.075858 | 4.851931 | 4.859255 | 9.181103 | 8.747314 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2597565 | 2.507007 | 24.65310 | 1.035846 | 2.480738 | 1.238107 | 4.876480 |
| Stddev | .0076569 | .006508 | .90381 | .029099 | .005469 | .002187 | .116487 |
| %RSD | 2.947728 | .2595795 | 3.666118 | 2.809218 | .2204486 | .1766504 | 2.388759 |
| #1 | .2643742 | 2.502603 | 25.21471 | 1.003668 | 2.479861 | 1.235608 | 4.747152 |
| #2 | .2639772 | 2.503935 | 25.13408 | 1.043557 | 2.475760 | 1.239674 | 4.909127 |
| #3 | .2509180 | 2.514482 | 23.61051 | 1.060313 | 2.486592 | 1.239040 | 4.973160 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.443400 | 25.20963 | 2.482963 | 1.254840 | 23.37048 | 2.459015 | 2.327536 |
| Stddev | .091551 | .94905 | .006634 | .031296 | .46693 | .095101 | .067771 |
| %RSD | 3.746861 | 3.764624 | .2671692 | 2.494051 | 1.997954 | 3.867449 | 2.911719 |
| #1 | 2.505717 | 25.77493 | 2.477579 | 1.220462 | 22.86496 | 2.519754 | 2.262294 |
| #2 | 2.486193 | 25.74001 | 2.480938 | 1.262383 | 23.46090 | 2.507875 | 2.322733 |
| #3 | 2.338289 | 24.11395 | 2.490374 | 1.281676 | 23.78559 | 2.349416 | 2.397581 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.36449 | 5.077001 | 4.940286 | 5.026643 | 4.818384 | 5.254650 | 5.042939 |
| Stddev | .54936 | .156356 | .003051 | .013875 | .177036 | .133039 | .012145 |
| %RSD | 2.351244 | 3.079686 | .0617500 | .2760278 | 3.674182 | 2.531833 | .2408260 |
| #1 | 22.74597 | 5.161808 | 4.937139 | 5.012777 | 4.935085 | 5.104582 | 5.033176 |
| #2 | 23.55182 | 5.172629 | 4.940487 | 5.026625 | 4.905387 | 5.301236 | 5.039102 |
| #3 | 23.79568 | 4.896565 | 4.943231 | 5.040527 | 4.614681 | 5.358130 | 5.056538 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV08 Acquired: 3/13/2025 18:53:53 Type: Unk
Method: NON EPA-6010-200.7(v2808) 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 | 4.845904 | 4.525593 | 4.813273 |
| Stddev | .013137 | .160347 | .222117 |
| %RSD | .2710917 | 3.543121 | 4.614676 |
| #1 | 4.831138 | 4.628318 | 4.991003 |
| #2 | 4.850278 | 4.607636 | 4.884549 |
| #3 | 4.856295 | 4.340826 | 4.564268 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3380.544 | 72762.71 | 14308.78 | 2132.631 | 4517.331 |
| Stddev | 4.190 | 1778.04 | 493.86 | 45.295 | 2.449 |
| %RSD | .1239559 | 2.443608 | 3.451441 | 2.123893 | .0542236 |
| #1 | 3380.524 | 74751.26 | 14001.49 | 2180.402 | 4520.119 |
| #2 | 3376.363 | 72210.78 | 14046.40 | 2127.186 | 4516.350 |
| #3 | 3384.743 | 71326.10 | 14878.45 | 2090.305 | 4515.524 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB08 Acquired: 3/13/2025 19:03:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000092 | .0004518 | .0021339 | .0055212 | .0024447 | -.005332 |
| Stddev | .000978 | .0016741 | .0009572 | .0018570 | .0008563 | .004412 |
| %RSD | 1063.679 | 370.5378 | 44.85525 | 33.63331 | 35.02470 | 82.73404 |
| #1 | -.000142 | .0016338 | .0011033 | .0075650 | .0032054 | -.004695 |
| #2 | -.001044 | .0011855 | .0029950 | .0050613 | .0026113 | -.001274 |
| #3 | .000910 | -.001464 | .0023036 | .0039375 | .0015174 | -.010028 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000616 | -.000028 | .0000169 | .0047773 | -.000021 | -.000043 |
| Stddev | .000180 | .000051 | .0000522 | .0036864 | .000051 | .000278 |
| %RSD | 29.16007 | 183.1298 | 309.6760 | 77.16311 | 249.3862 | 653.2721 |
| #1 | -.000418 | -.000033 | .0000157 | .0081965 | -.000063 | -.000357 |
| #2 | -.000664 | .000025 | .0000697 | .0052635 | .000037 | .000172 |
| #3 | -.000767 | -.000076 | -.000035 | .0008720 | -.000036 | .000057 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001743 | .0063023 | -.000898 | -.001574 | -.000205 | .0001877 |
| Stddev | .0002296 | .0050151 | .000302 | .007078 | .000234 | .0000923 |
| %RSD | 131.7554 | 79.57633 | 33.63786 | 449.8214 | 114.1147 | 49.18316 |
| #1 | -.000008 | .0092443 | -.001091 | -.008569 | -.000469 | .0001796 |
| #2 | .000432 | .0091510 | -.001054 | .005585 | -.000022 | .0000997 |
| #3 | .000099 | .0005116 | -.000550 | -.001736 | -.000125 | .0002838 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1069850 | -.000087 | -.000578 | .1927656 | -.000845 | .0000736 |
| Stddev | .0230698 | .000898 | .000522 | .0227838 | .000674 | .0000205 |
| %RSD | 21.56357 | 1029.417 | 90.21552 | 11.81944 | 79.71468 | 27.89145 |
| #1 | .1010210 | -.000302 | -.000998 | .1666037 | -.000227 | .0000535 |
| #2 | .1324512 | -.000859 | -.000743 | .2034441 | -.001564 | .0000728 |
| #3 | .0874828 | .000899 | .000006 | .2082489 | -.000745 | .0000946 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB08 Acquired: 3/13/2025 19:03:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000809 | .0013233 | .0093764 | .0040326 | F .0199398 | .0003083 |
| Stddev | .000663 | .0005340 | .0029482 | .0035225 | .0041594 | .0007502 |
| %RSD | 81.86392 | 40.35716 | 31.44235 | 87.35107 | 20.85990 | 243.3383 |
| #1 | -.000995 | .0007071 | .0121327 | .0008092 | .0160688 | .0010570 |
| #2 | -.001360 | .0016526 | .0062680 | .0034959 | .0194131 | .0003114 |
| #3 | -.000074 | .0016101 | .0097285 | .0077926 | .0243374 | -.000443 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | -.000092 |
| Stddev | .000009 |
| %RSD | 9.944679 |
| #1 | -.000102 |
| #2 | -.000084 |
| #3 | -.000089 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3451.527 | 75284.95 | 14610.90 | 2194.961 | 5005.988 |
| Stddev | 14.366 | 92.91 | 91.72 | 6.918 | 14.724 |
| %RSD | .4162156 | .1234103 | .6277184 | .3151545 | .2941319 |
| #1 | 3456.234 | 75183.33 | 14684.26 | 2202.842 | 5017.030 |
| #2 | 3435.399 | 75365.56 | 14508.07 | 2189.891 | 4989.271 |
| #3 | 3462.949 | 75305.95 | 14640.37 | 2192.151 | 5011.664 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1528-02 Acquired: 3/13/2025 19:07:41 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | -.149073 | -.212836 | -.001437 | 1.829123 | .2127742 | 6.325321 |
| Stddev | .007335 | .002431 | .000862 | .024347 | .0060443 | .030784 |
| %RSD | 4.920660 | 1.142335 | 60.01080 | 1.331059 | 2.840706 | .4866857 |
| #1 | -.143146 | -.210919 | -.000490 | 1.816788 | .2141834 | 6.340031 |
| #2 | -.146796 | -.215571 | -.002177 | 1.813413 | .2061497 | 6.345990 |
| #3 | -.157277 | -.212018 | -.001644 | 1.857169 | .2179893 | 6.289941 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0605189 | .0011754 | -.002940 | 7.176557 | .0313404 | .0156083 |
| Stddev | .0004580 | .0000411 | .000152 | .031892 | .0006391 | .0005532 |
| %RSD | .7568369 | 3.500901 | 5.177498 | .4443913 | 2.039174 | 3.544373 |
| #1 | .0610476 | .0012014 | -.003079 | 7.191043 | .0320312 | .0157029 |
| #2 | .0602410 | .0011279 | -.002964 | 7.198635 | .0307702 | .0150139 |
| #3 | .0602682 | .0011968 | -.002778 | 7.139993 | .0312200 | .0161082 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1922920 | 24.90155 | .1591539 | 2.957000 | .0030853 | .0026033 |
| Stddev | .0019201 | .21664 | .0006150 | .010454 | .0004637 | .0003160 |
| %RSD | .9985298 | .8699757 | .3864023 | .3535494 | 15.03092 | 12.13994 |
| #1 | .1923703 | 24.90848 | .1597549 | 2.955938 | .0036207 | .0029598 |
| #2 | .1903340 | 25.11465 | .1591810 | 2.947117 | .0028110 | .0023575 |
| #3 | .1941718 | 24.68154 | .1585258 | 2.967945 | .0028241 | .0024925 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 198.2282 | .0217398 | 1.471160 | 656.2874 | .0833257 | .0193196 |
| Stddev | 1.4445 | .0012293 | .012797 | 8.3469 | .0017111 | .0001563 |
| %RSD | .7287202 | 5.654535 | .8698356 | 1.271841 | 2.053546 | .8089418 |
| #1 | 198.9959 | .0213447 | 1.477972 | 655.2540 | .0847567 | .0194626 |
| #2 | 199.1268 | .0231181 | 1.479109 | 665.1029 | .0814303 | .0191528 |
| #3 | 196.5619 | .0207567 | 1.456398 | 648.5053 | .0837901 | .0193433 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1528-02 Acquired: 3/13/2025 19:07:41 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | .5471702 | .1688857 | 8.076958 | F 188.3940 | F 27.79000 | .0198811 |
| Stddev | .0051422 | .0008874 | .078806 | 1.0483 | .25477 | .0003607 |
| %RSD | .9397879 | .5254451 | .9756874 | .5564261 | .9167545 | 1.814475 |
| #1 | .5435004 | .1695123 | 8.069619 | 188.3437 | 27.71867 | .0199011 |
| #2 | .5449627 | .1692746 | 8.159176 | 187.3718 | 27.57849 | .0195108 |
| #3 | .5530477 | .1678703 | 8.002077 | 189.4666 | 28.07282 | .0202314 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0333481 |
| Stddev | .0002641 |
| %RSD | .7918538 |
| #1 | .0336344 |
| #2 | .0332959 |
| #3 | .0331141 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2399.727 | 54984.81 | 14582.72 | 1518.258 | 3668.966 |
| Stddev | 18.940 | 556.29 | 49.96 | 24.987 | 28.702 |
| %RSD | .7892366 | 1.011724 | .3425663 | 1.645772 | .7823011 |
| #1 | 2399.362 | 55045.92 | 14549.13 | 1527.152 | 3663.983 |
| #2 | 2418.846 | 54400.49 | 14558.91 | 1490.041 | 3699.834 |
| #3 | 2380.973 | 55508.03 | 14640.13 | 1537.582 | 3643.082 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV09 Acquired: 3/13/2025 19:12:00 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 5.277354 | 5.019484 | 5.119639 | 5.438692 | 5.059522 | 9.647873 | 9.619680 |
| Stddev | .028525 | .006230 | .044330 | .011969 | .040010 | .387342 | .254727 |
| %RSD | .5405197 | .1241233 | .8658805 | .2200627 | .7907949 | 4.014787 | 2.647982 |
| #1 | 5.256605 | 5.012786 | 5.082075 | 5.441425 | 5.018895 | 9.270086 | 9.441037 |
| #2 | 5.265575 | 5.025107 | 5.108307 | 5.425594 | 5.060785 | 9.629423 | 9.506637 |
| #3 | 5.309883 | 5.020558 | 5.168535 | 5.449058 | 5.098885 | 10.04411 | 9.911365 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2577379 | 2.552172 | 24.59379 | 1.067064 | 2.552476 | 1.291463 | 5.234706 |
| Stddev | .0084391 | .018660 | .89269 | .003803 | .020227 | .010631 | .056794 |
| %RSD | 3.274287 | .7311418 | 3.629748 | .3563788 | .7924633 | .8231370 | 1.084960 |
| #1 | .2498635 | 2.535158 | 23.76479 | 1.064172 | 2.533705 | 1.281891 | 5.175206 |
| #2 | .2567039 | 2.549231 | 24.47775 | 1.065648 | 2.549824 | 1.289593 | 5.240572 |
| #3 | .2666464 | 2.572128 | 25.53883 | 1.071371 | 2.573898 | 1.302904 | 5.288340 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.449761 | 24.84225 | 2.553448 | 1.293416 | 23.52524 | 2.463202 | 2.489869 |
| Stddev | .094091 | .96501 | .021228 | .008455 | .25692 | .082930 | .011572 |
| %RSD | 3.840839 | 3.884535 | .8313514 | .6537306 | 1.092101 | 3.366737 | .4647573 |
| #1 | 2.357463 | 23.89653 | 2.532909 | 1.287263 | 23.28853 | 2.380216 | 2.476980 |
| #2 | 2.446272 | 24.80477 | 2.552133 | 1.289927 | 23.48872 | 2.463316 | 2.493258 |
| #3 | 2.545548 | 25.82545 | 2.575304 | 1.303057 | 23.79846 | 2.546075 | 2.499367 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.38927 | 5.039873 | 5.152723 | 5.073064 | 4.833675 | 5.307499 | 5.216465 |
| Stddev | .22471 | .165019 | .032169 | .031263 | .179179 | .067946 | .051877 |
| %RSD | .9213448 | 3.274267 | .6243065 | .6162635 | 3.706892 | 1.280187 | .9944924 |
| #1 | 24.15842 | 4.882036 | 5.123872 | 5.040821 | 4.655912 | 5.235978 | 5.163162 |
| #2 | 24.40210 | 5.026341 | 5.146888 | 5.075127 | 4.830874 | 5.315326 | 5.219444 |
| #3 | 24.60728 | 5.211241 | 5.187411 | 5.103246 | 5.014237 | 5.371192 | 5.266789 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV09 Acquired: 3/13/2025 19:12:00 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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 | 4.927785 | 4.583289 | 4.915298 |
| Stddev | .043159 | .173413 | .186731 |
| %RSD | .8758266 | 3.783599 | 3.798984 |
| | | | |
| #1 | 4.892803 | 4.410050 | 4.779622 |
| #2 | 4.914538 | 4.582939 | 4.838006 |
| #3 | 4.976015 | 4.756876 | 5.128266 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3334.826 | 73172.46 | 14875.50 | 2134.969 | 4533.725 |
| Stddev | 19.649 | 286.21 | 458.88 | 8.804 | 33.867 |
| %RSD | .5892079 | .3911468 | 3.084788 | .4123839 | .7470094 |
| | | | | | |
| #1 | 3349.146 | 73483.19 | 15336.01 | 2144.785 | 4562.775 |
| #2 | 3342.906 | 73114.59 | 14872.23 | 2132.352 | 4541.873 |
| #3 | 3312.425 | 72919.61 | 14418.27 | 2127.771 | 4496.527 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB09 Acquired: 3/13/2025 19:21:09 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000211 | -.000102 | .0004086 | .0092890 | .0022882 | .0141567 |
| Stddev | .002386 | .001481 | .0010641 | .0007723 | .0001131 | .0051102 |
| %RSD | 1132.794 | 1447.735 | 260.4396 | 8.314341 | 4.942737 | 36.09744 |
| #1 | .001578 | -.001740 | -.000108 | .0086848 | .0023073 | .0094493 |
| #2 | .000710 | .001142 | .001632 | .0101591 | .0021667 | .0195918 |
| #3 | -.002919 | .000291 | -.000299 | .0090229 | .0023905 | .0134292 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001001 | -.000014 | -.000021 | .0337569 | .0002439 | .0001522 |
| Stddev | .0008696 | .000070 | .000071 | .0067598 | .0002404 | .0000409 |
| %RSD | 868.4215 | 488.7948 | 343.5976 | 20.02502 | 98.55969 | 26.89824 |
| #1 | .0009640 | .000019 | -.000098 | .0288925 | .0004973 | .0001784 |
| #2 | .0001115 | -.000095 | .000041 | .0414757 | .0002153 | .0001733 |
| #3 | -.000775 | .000033 | -.000004 | .0309024 | .0000191 | .0001051 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005259 | .0314241 | .0003584 | -.001485 | -.000011 | .0004342 |
| Stddev | .0003546 | .0061432 | .0004377 | .010847 | .000180 | .0001149 |
| %RSD | 67.44348 | 19.54937 | 122.1284 | 730.5206 | 1650.631 | 26.46754 |
| #1 | .0005772 | .0244279 | .0000481 | -.002963 | .000175 | .0004275 |
| #2 | .0008520 | .0339078 | .0001680 | .010026 | -.000184 | .0003228 |
| #3 | .0001483 | .0359367 | .0008590 | -.011517 | -.000023 | .0005524 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0783474 | -.000159 | .0000169 | .2243706 | -.003286 | .0001405 |
| Stddev | .0194811 | .001106 | .0004765 | .0225061 | .000646 | .0003429 |
| %RSD | 24.86505 | 696.7578 | 2822.615 | 10.03078 | 19.65175 | 244.1028 |
| #1 | .0771106 | .000952 | .0005384 | .2085100 | -.003525 | .0005361 |
| #2 | .0595141 | -.001260 | -.000092 | .2144725 | -.002554 | -.000043 |
| #3 | .0984174 | -.000168 | -.000396 | .2501295 | -.003777 | -.000072 |

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB09 Acquired: 3/13/2025 19:21:09 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000920 | .0014434 | .0002299 | .0003815 | F .0136055 | .0002976 |
| Stddev | .000368 | .0000582 | .0039826 | .0013234 | .0051740 | .0006638 |
| %RSD | 40.00882 | 4.033772 | 1732.572 | 346.8650 | 38.02909 | 223.0916 |
| #1 | -.001261 | .0013784 | .0044663 | -.000682 | .0140165 | .0008751 |
| #2 | -.000969 | .0014906 | -.000339 | -.000037 | .0185618 | .0004451 |
| #3 | -.000530 | .0014613 | -.003438 | .001864 | .0082382 | -.000428 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0001082 |
| Stddev | .0000159 |
| %RSD | 14.69152 |
| #1 | .0001140 |
| #2 | .0001203 |
| #3 | .0000902 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3510.154 | 80343.25 | 13971.40 | 2334.027 | 5082.514 |
| Stddev | 8.454 | 4480.16 | 10.88 | 130.205 | 17.022 |
| %RSD | .2408523 | 5.576278 | .0778409 | 5.578544 | .3349208 |
| #1 | 3519.368 | 76212.75 | 13980.73 | 2212.705 | 5101.818 |
| #2 | 3502.754 | 85105.92 | 13959.45 | 2471.591 | 5069.657 |
| #3 | 3508.338 | 79711.08 | 13974.00 | 2317.785 | 5076.066 |