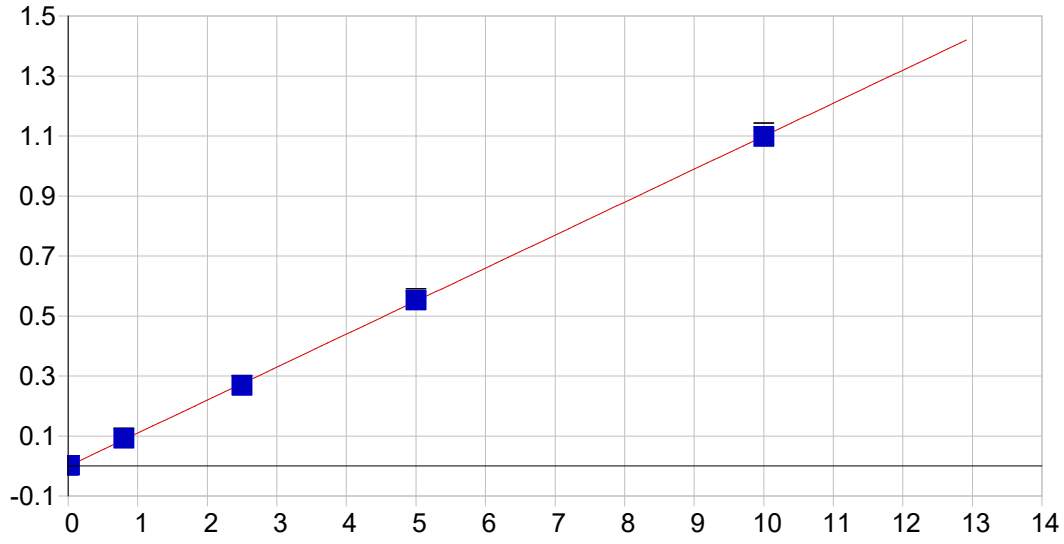
Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



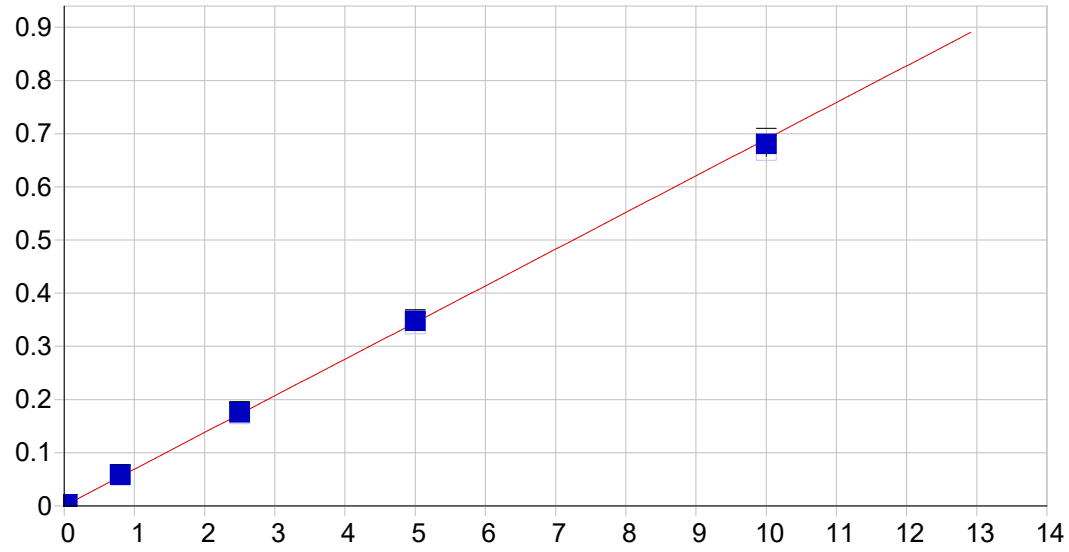

**As 189.042 {479}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000235 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.109962 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999906 | Status: | OK. |
| Std Error of Est: | 0.000035 | | |
| Predicted MDL: | 0.001621 | | |
| Predicted MQL: | 0.005402 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00024 | .000 | 1 |
| S1 | .02000 | .01945 | -.001 | -2.76 | .00189 | .000 | 1 |
| S3 | 2.5000 | 2.4436 | -.056 | -2.25 | .26818 | .001 | 1 |
| S4 | 5.0000 | 5.0271 | .027 | .543 | .55197 | .005 | 1 |
| S5 | 10.000 | 9.9898 | -.010 | -.102 | 1.0971 | .013 | 1 |
| S2 | .80000 | .83999 | .040 | 5.00 | .09204 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



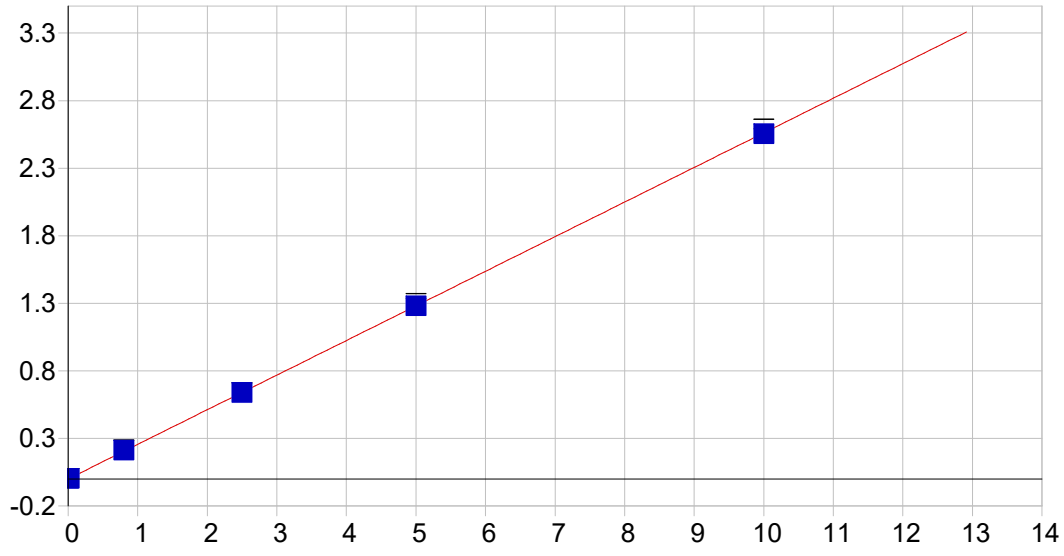

**Tl 190.856 {477}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000182 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.068946 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999847 | Status: | OK. |
| Std Error of Est: | 0.000039 | | |
| Predicted MDL: | 0.001453 | | |
| Predicted MQL: | 0.004845 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00018 | .000 | 1 |
| S1 | .04000 | .03848 | -.002 | -3.81 | .00266 | .000 | 1 |
| S3 | 2.5000 | 2.5463 | .046 | 1.85 | .17256 | .002 | 1 |
| S4 | 5.0000 | 5.0456 | .046 | .912 | .34170 | .002 | 1 |
| S5 | 10.000 | 9.8667 | -.133 | -1.33 | .66775 | .011 | 1 |
| S2 | .80000 | .84287 | .043 | 5.36 | .05728 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



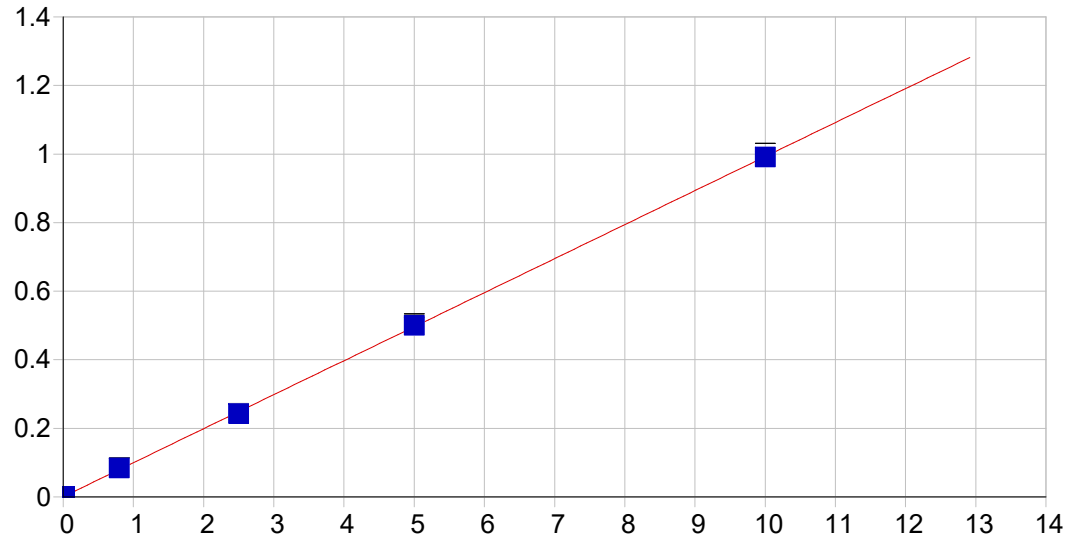

**Pb 220.353 {453}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000280 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.256173 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999956 | Status: | OK. |
| Std Error of Est: | 0.000044 | | |
| Predicted MDL: | 0.001041 | | |
| Predicted MQL: | 0.003468 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00028 | .000 | 1 |
| S1 | .01200 | .01311 | .001 | 9.25 | .00302 | .000 | 1 |
| S3 | 2.5000 | 2.4911 | -.009 | -.357 | .63719 | .001 | 1 |
| S4 | 5.0000 | 5.0012 | .001 | .023 | 1.2795 | .018 | 1 |
| S5 | 10.000 | 9.9730 | -.027 | -.270 | 2.5519 | .036 | 1 |
| S2 | .80000 | .83368 | .034 | 4.21 | .21307 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



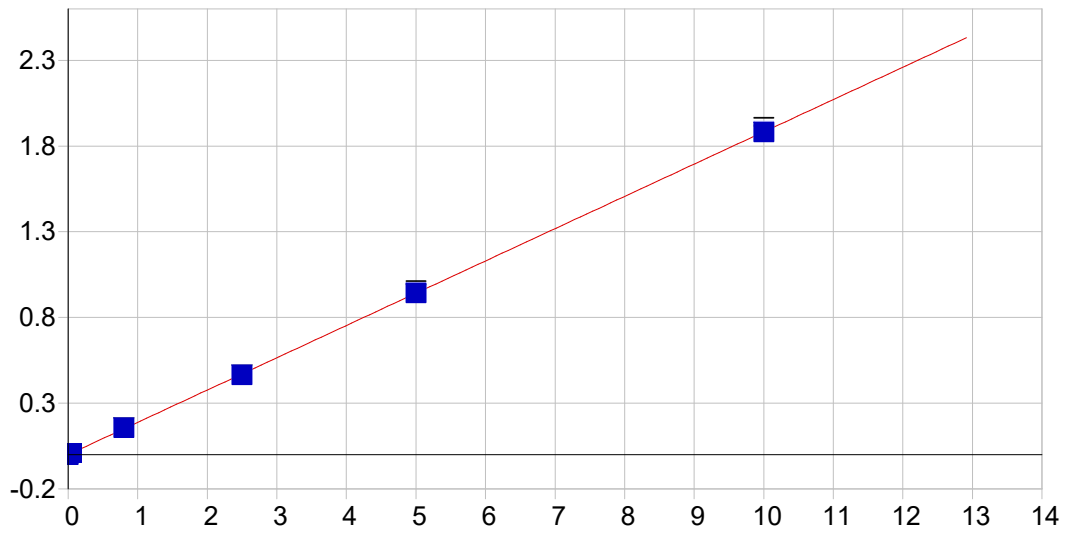

**Se 196.090 {472}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000490 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.099208 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999879 | Status: | OK. |
| Std Error of Est: | 0.000036 | | |
| Predicted MDL: | 0.002026 | | |
| Predicted MQL: | 0.006752 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00049 | .000 | 1 |
| S1 | .02000 | .01810 | -.002 | -9.48 | .00229 | .000 | 1 |
| S3 | 2.5000 | 2.4402 | -.060 | -2.39 | .24251 | .001 | 1 |
| S4 | 5.0000 | 5.0339 | .034 | .678 | .49976 | .005 | 1 |
| S5 | 10.000 | 9.9827 | -.017 | -.173 | .99060 | .012 | 1 |
| S2 | .80000 | .84513 | .045 | 5.64 | .08431 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



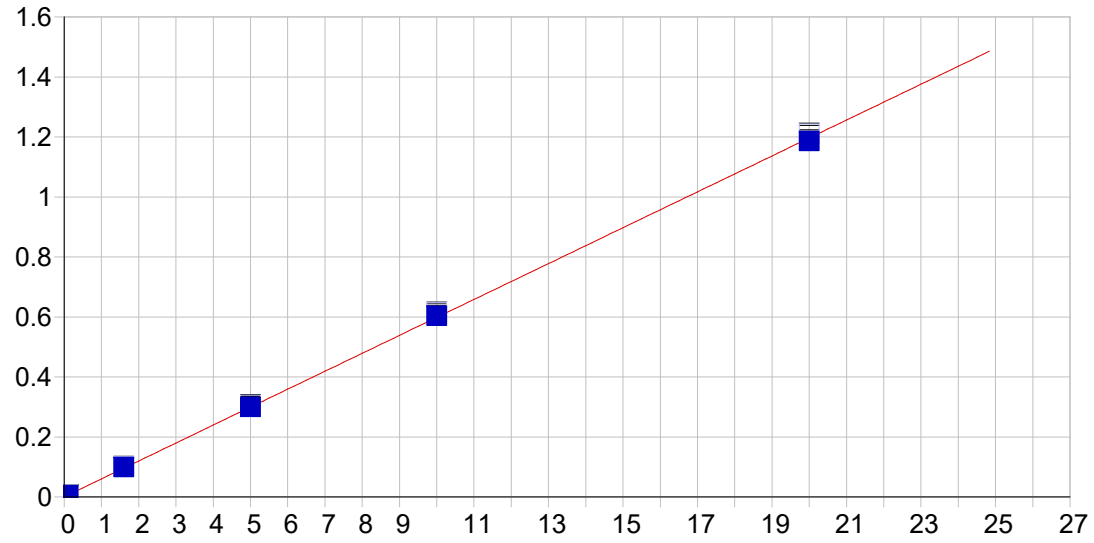

**Sb 206.833 {463}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000094 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.188285 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999957 | Status: | OK. |
| Std Error of Est: | 0.000065 | | |
| Predicted MDL: | 0.001304 | | |
| Predicted MQL: | 0.004345 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00009 | .000 | 1 |
| S1 | .05000 | .04866 | -.001 | -2.68 | .00928 | .000 | 1 |
| S3 | 2.5000 | 2.4683 | -.032 | -1.27 | .46612 | .001 | 1 |
| S4 | 5.0000 | 5.0082 | .008 | .164 | .94562 | .010 | 1 |
| S5 | 10.000 | 9.9945 | -.005 | -.055 | 1.8870 | .023 | 1 |
| S2 | .80000 | .83028 | .030 | 3.79 | .15683 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



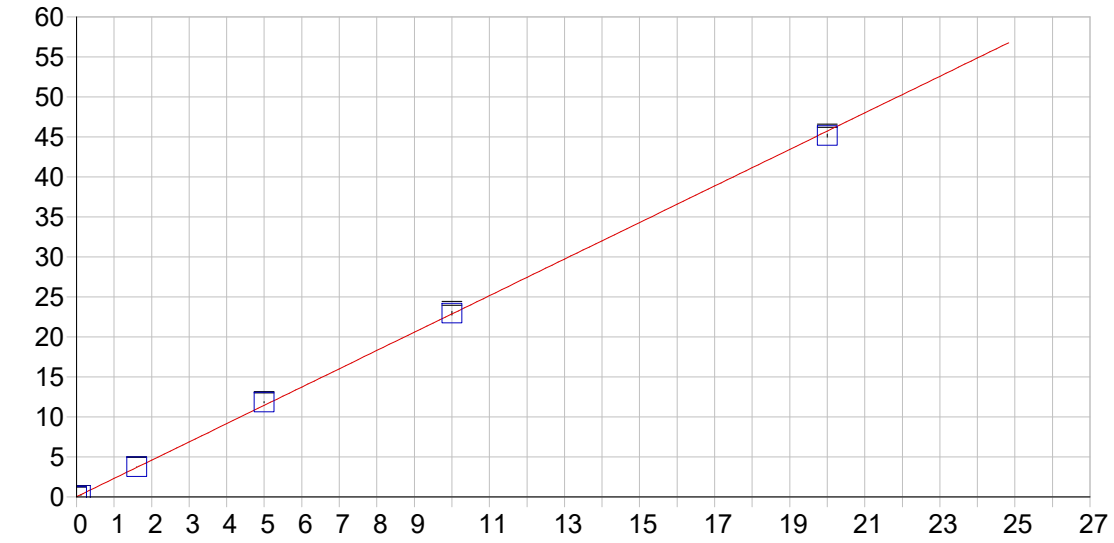

**Al 396.152 { 85}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000288 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.059801 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999936 | Status: | OK. |
| Std Error of Est: | 0.000051 | | |
| Predicted MDL: | 0.008904 | | |
| Predicted MQL: | 0.029679 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00029 | .000 | 1 |
| S1 | .10000 | .10912 | .009 | 9.12 | .00728 | .000 | 1 |
| S3 | 5.0000 | 5.0146 | .015 | .292 | .30596 | .002 | 1 |
| S4 | 10.000 | 10.090 | .090 | .898 | .61527 | .002 | 1 |
| S5 | 20.000 | 19.833 | -.167 | -.836 | 1.2095 | .004 | 1 |
| S2 | 1.6000 | 1.6532 | .053 | 3.32 | .10101 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



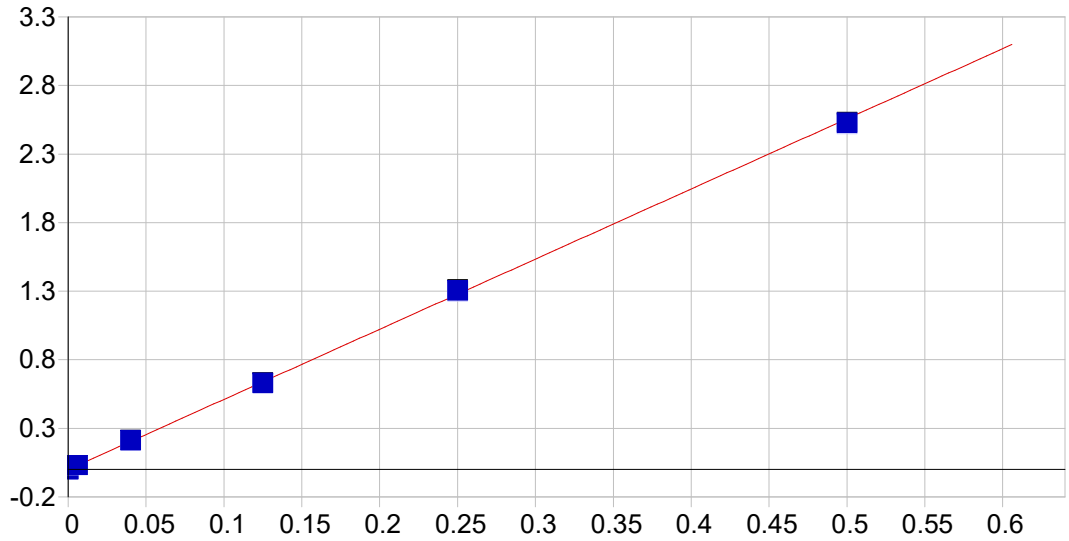

**Ba 493.409 { 68}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.021546 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.285023 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999869 | Status: | OK. |
| Std Error of Est: | 0.002740 | | |
| Predicted MDL: | 0.000765 | | |
| Predicted MQL: | 0.002549 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .02153 | .003 | 1 |
| S1 | .10000 | .10133 | .001 | 1.33 | .25308 | .004 | 1 |
| S3 | 5.0000 | 5.1702 | .170 | 3.40 | 11.835 | .079 | 1 |
| S4 | 10.000 | 10.037 | .037 | .366 | 22.955 | .253 | 1 |
| S5 | 20.000 | 19.758 | -.242 | -1.21 | 45.169 | .197 | 1 |
| S2 | 1.6000 | 1.6340 | .034 | 2.13 | 3.7553 | .021 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



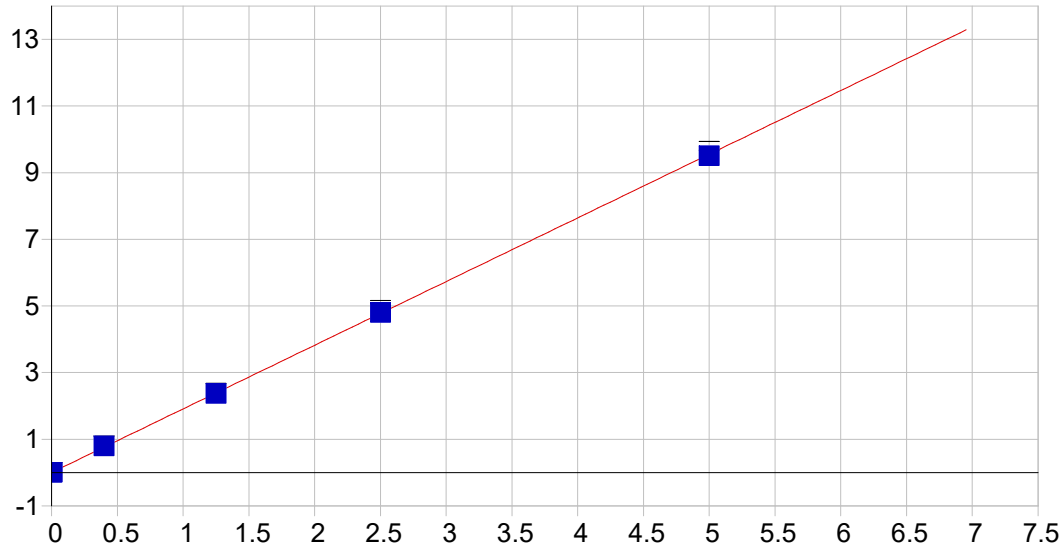

**Be 234.861 {144}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000476 | Re-Slope: | 1.000000 |
| A1 (Gain): | 5.114586 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999845 | Status: | OK. |
| Std Error of Est: | 0.000258 | | |
| Predicted MDL: | 0.000044 | | |
| Predicted MQL: | 0.000148 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00048 | .000 | 1 |
| S1 | .00600 | .00639 | .000 | 6.53 | .03199 | .000 | 1 |
| S3 | .12500 | .12328 | -.002 | -1.37 | .62720 | .003 | 1 |
| S4 | .25000 | .25517 | .005 | 2.07 | 1.2989 | .006 | 1 |
| S5 | .50000 | .49452 | -.005 | -1.10 | 2.5173 | .003 | 1 |
| S2 | .04000 | .04164 | .002 | 4.10 | .21158 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



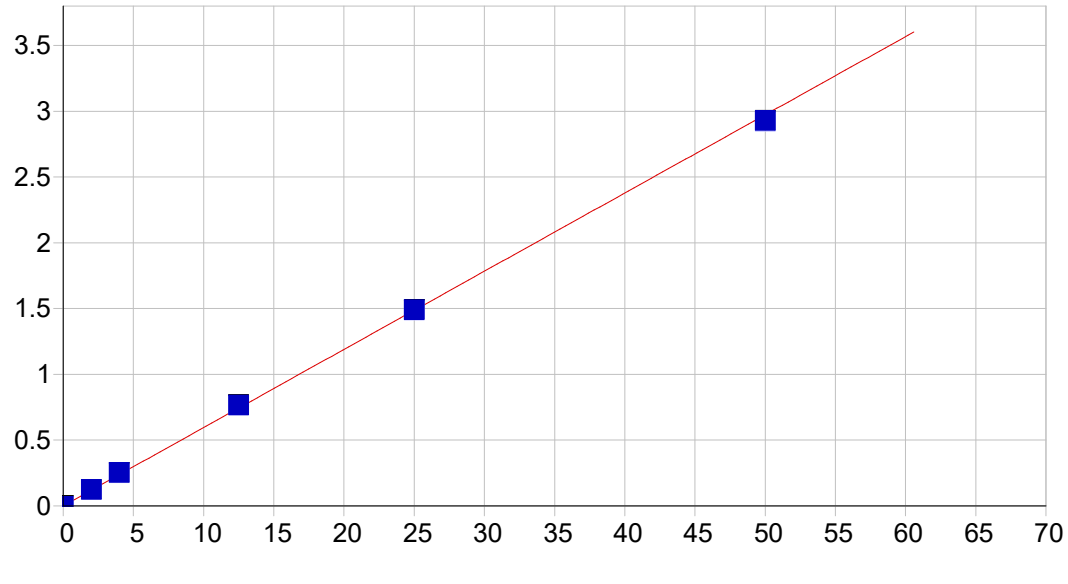

**Cd 226.502 {449}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000006 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.910879 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999937 | Status: | OK. |
| Std Error of Est: | 0.000195 | | |
| Predicted MDL: | 0.000091 | | |
| Predicted MQL: | 0.000305 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00001 | .000 | 1 |
| S1 | .00600 | .00613 | .000 | 2.14 | .01176 | .000 | 1 |
| S3 | 1.2500 | 1.2429 | -.007 | -.568 | 2.3767 | .002 | 1 |
| S4 | 2.5000 | 2.5144 | .014 | .578 | 4.8081 | .060 | 1 |
| S5 | 5.0000 | 4.9737 | -.026 | -.527 | 9.5106 | .133 | 1 |
| S2 | .40000 | .41887 | .019 | 4.72 | .80094 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



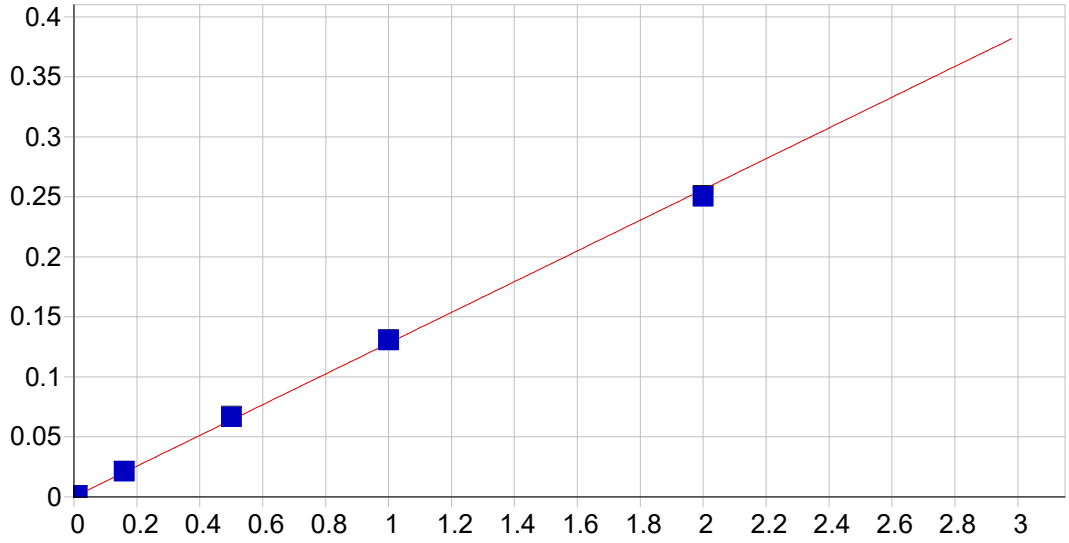

**Ca 373.690 { 90}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001052 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.059443 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999805 | Status: | OK. |
| Std Error of Est: | 0.000619 | | |
| Predicted MDL: | 0.008221 | | |
| Predicted MQL: | 0.027404 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00021 | -.000 | .000 | .00104 | .000 | 1 |
| S2 | 4.0000 | 4.2187 | .219 | 5.47 | .25115 | .001 | 1 |
| S3 | 12.500 | 12.876 | .376 | 3.01 | .76433 | .003 | 1 |
| S4 | 25.000 | 25.078 | .078 | .311 | 1.4876 | .003 | 1 |
| S5 | 50.000 | 49.266 | -.734 | -1.47 | 2.9212 | .001 | 1 |
| S1 | 2.0000 | 2.0616 | .062 | 3.08 | .12351 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



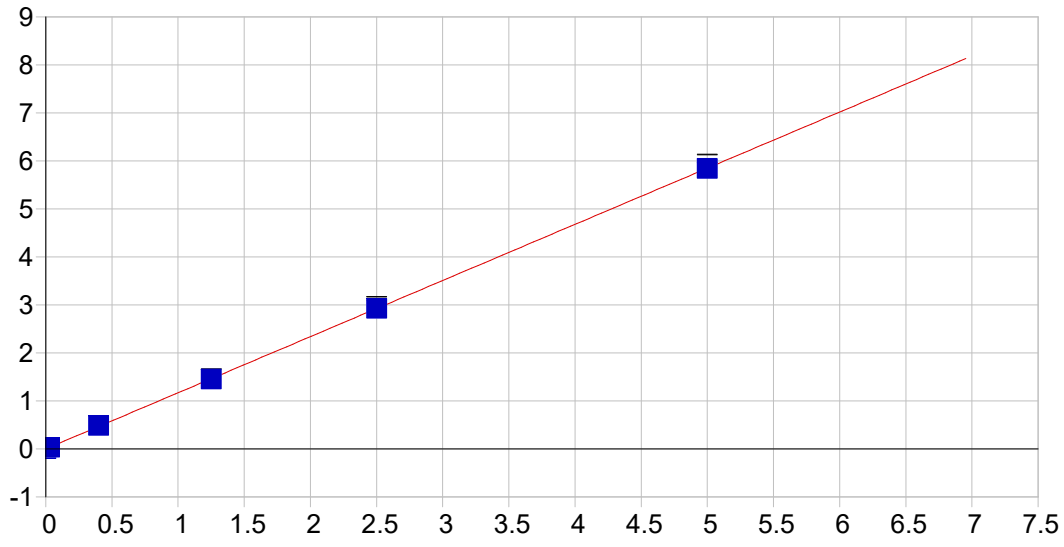

**Cr 267.716 {126}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000023 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.128062 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999675 | Status: | OK. |
| Std Error of Est: | 0.000024 | | |
| Predicted MDL: | 0.000317 | | |
| Predicted MQL: | 0.001057 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00002 | .000 | 1 |
| S1 | .01000 | .00996 | -.000 | -.395 | .00130 | .000 | 1 |
| S3 | .50000 | .51927 | .019 | 3.85 | .06654 | .001 | 1 |
| S4 | 1.0000 | 1.0201 | .020 | 2.01 | .13070 | .000 | 1 |
| S5 | 2.0000 | 1.9547 | -.045 | -2.26 | .25043 | .001 | 1 |
| S2 | .16000 | .16588 | .006 | 3.68 | .02127 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



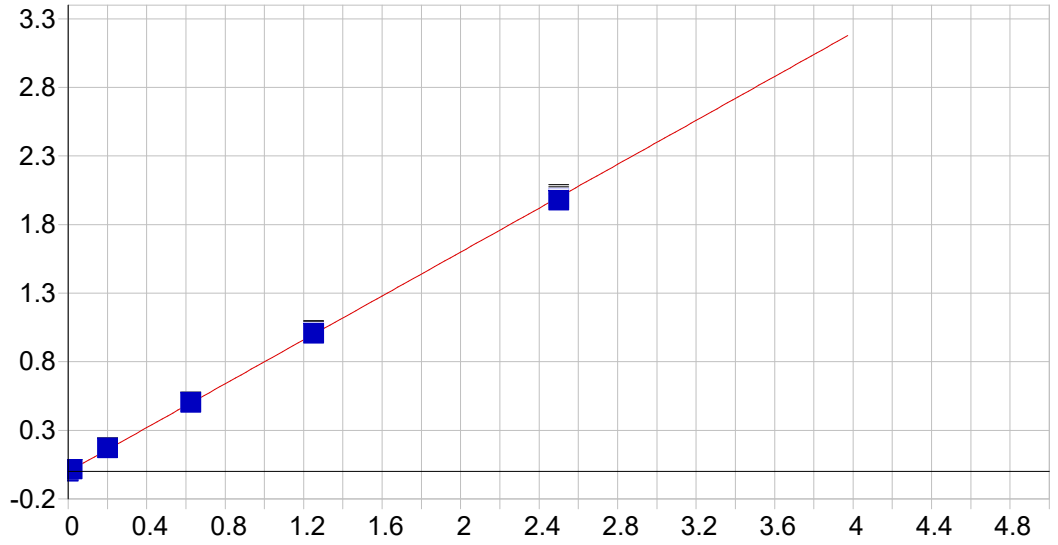

**Co 228.616 {448}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000029 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.169571 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999962 | Status: | OK. |
| Std Error of Est: | 0.000207 | | |
| Predicted MDL: | 0.000166 | | |
| Predicted MQL: | 0.000554 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00003 | .000 | 1 |
| S1 | .03000 | .02971 | -.000 | -.959 | .03457 | .000 | 1 |
| S3 | 1.2500 | 1.2433 | -.007 | -.535 | 1.4566 | .001 | 1 |
| S4 | 2.5000 | 2.4996 | -.000 | -.016 | 2.9284 | .038 | 1 |
| S5 | 5.0000 | 4.9913 | -.009 | -.173 | 5.8476 | .084 | 1 |
| S2 | .40000 | .41605 | .016 | 4.01 | .48737 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



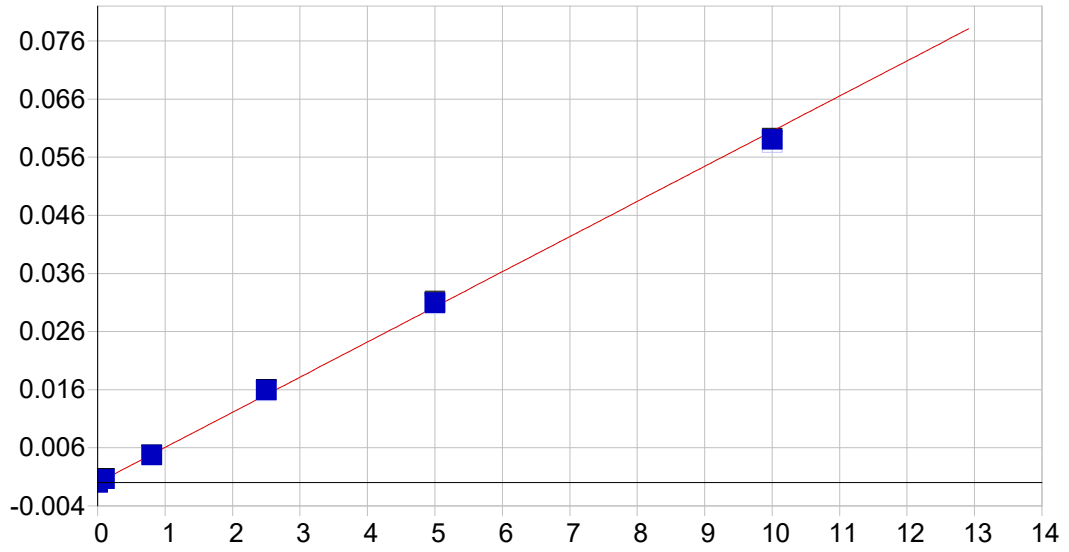

**Cu 224.700 {450}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000311 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.799965 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999834 | Status: | OK. |
| Std Error of Est: | 0.000173 | | |
| Predicted MDL: | 0.000395 | | |
| Predicted MQL: | 0.001315 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00031 | .000 | 1 |
| S1 | .02000 | .02192 | .002 | 9.60 | .01741 | .000 | 1 |
| S3 | .62500 | .62834 | .003 | .535 | .50670 | .001 | 1 |
| S4 | 1.2500 | 1.2595 | .010 | .761 | 1.0160 | .012 | 1 |
| S5 | 2.5000 | 2.4714 | -.029 | -1.14 | 1.9942 | .025 | 1 |
| S2 | .20000 | .21382 | .014 | 6.91 | .17213 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



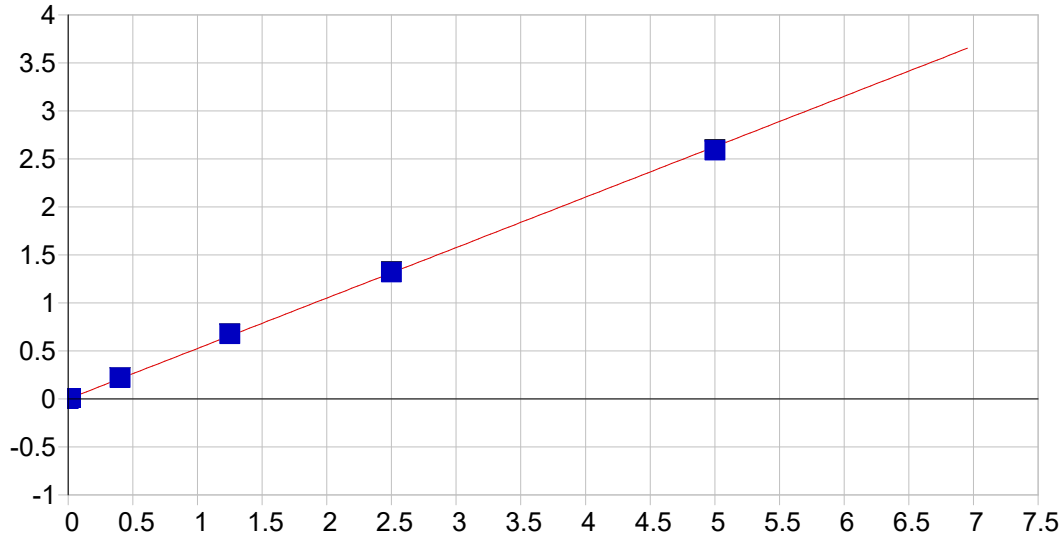

**Fe 240.488 {140}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000009 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.006048 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999555 | Status: | OK. |
| Std Error of Est: | 0.000009 | | |
| Predicted MDL: | 0.003607 | | |
| Predicted MQL: | 0.012024 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00001 | .000 | 1 |
| S1 | .10000 | .10442 | .004 | 4.42 | .00063 | .000 | 1 |
| S3 | 2.5000 | 2.6304 | .130 | 5.21 | .01579 | .000 | 1 |
| S4 | 5.0000 | 5.1222 | .122 | 2.44 | .03073 | .000 | 1 |
| S5 | 10.000 | 9.7597 | -.240 | -2.40 | .05852 | .000 | 1 |
| S2 | .80000 | .78332 | -.017 | -2.08 | .00471 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



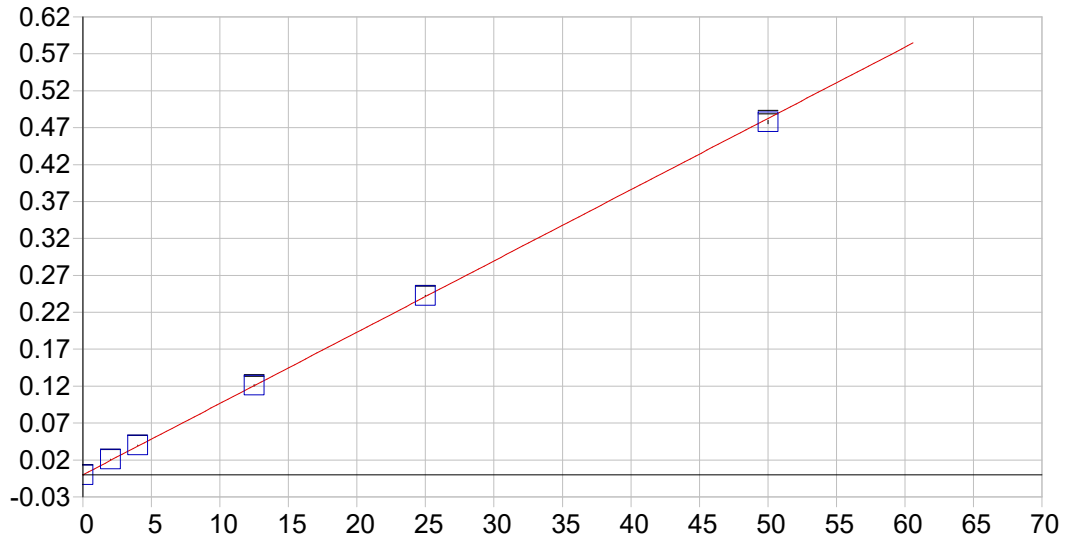

**Mn 257.610 {131}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000073 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.525349 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999814 | Status: | OK. |
| Std Error of Est: | 0.000168 | | |
| Predicted MDL: | 0.000320 | | |
| Predicted MQL: | 0.001065 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00007 | .000 | 1 |
| S1 | .02000 | .02123 | .001 | 6.14 | .01123 | .000 | 1 |
| S3 | 1.2500 | 1.2852 | .035 | 2.82 | .67532 | .005 | 1 |
| S4 | 2.5000 | 2.5149 | .015 | .598 | 1.3214 | .005 | 1 |
| S5 | 5.0000 | 4.9269 | -.073 | -1.46 | 2.5887 | .007 | 1 |
| S2 | .40000 | .42174 | .022 | 5.44 | .22166 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



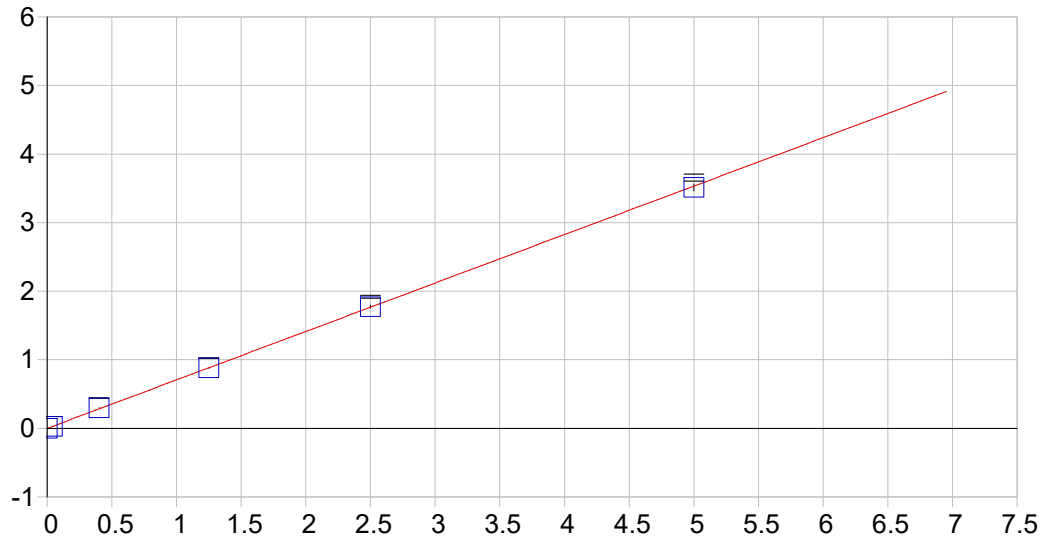

**Mg 279.079 {121}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000006 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.009650 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999859 | Status: | OK. |
| Std Error of Est: | 0.000086 | | |
| Predicted MDL: | 0.019038 | | |
| Predicted MQL: | 0.063459 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00024 | -.000 | .000 | .00000 | .000 | 1 |
| S2 | 4.0000 | 4.1430 | .143 | 3.58 | .03999 | .000 | 1 |
| S3 | 12.500 | 12.545 | .045 | .361 | .12107 | .001 | 1 |
| S4 | 25.000 | 25.140 | .140 | .559 | .24260 | .000 | 1 |
| S5 | 50.000 | 49.497 | -.503 | -1.01 | .47765 | .002 | 1 |
| S1 | 2.0000 | 2.1749 | .175 | 8.74 | .02099 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



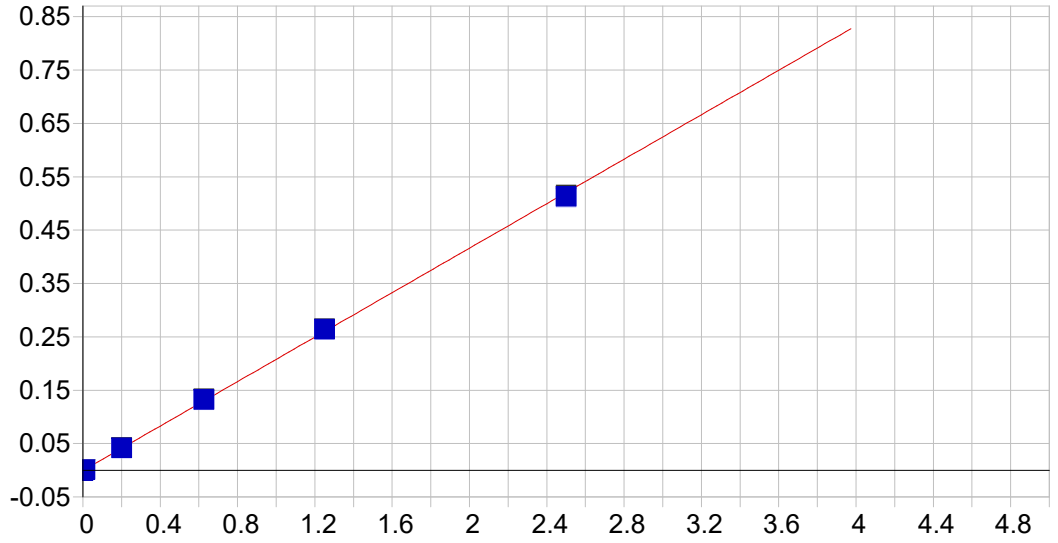

**Ni 231.604 {446}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000075 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.706465 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999920 | Status: | OK. |
| Std Error of Est: | 0.000210 | | |
| Predicted MDL: | 0.000270 | | |
| Predicted MQL: | 0.000901 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00007 | .000 | 1 |
| S1 | .04000 | .03951 | -.000 | -1.23 | .02799 | .000 | 1 |
| S3 | 1.2500 | 1.2459 | -.004 | -.332 | .88023 | .002 | 1 |
| S4 | 2.5000 | 2.5103 | .010 | .412 | 1.7735 | .023 | 1 |
| S5 | 5.0000 | 4.9719 | -.028 | -.562 | 3.5126 | .051 | 1 |
| S2 | .40000 | .42240 | .022 | 5.60 | .29849 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



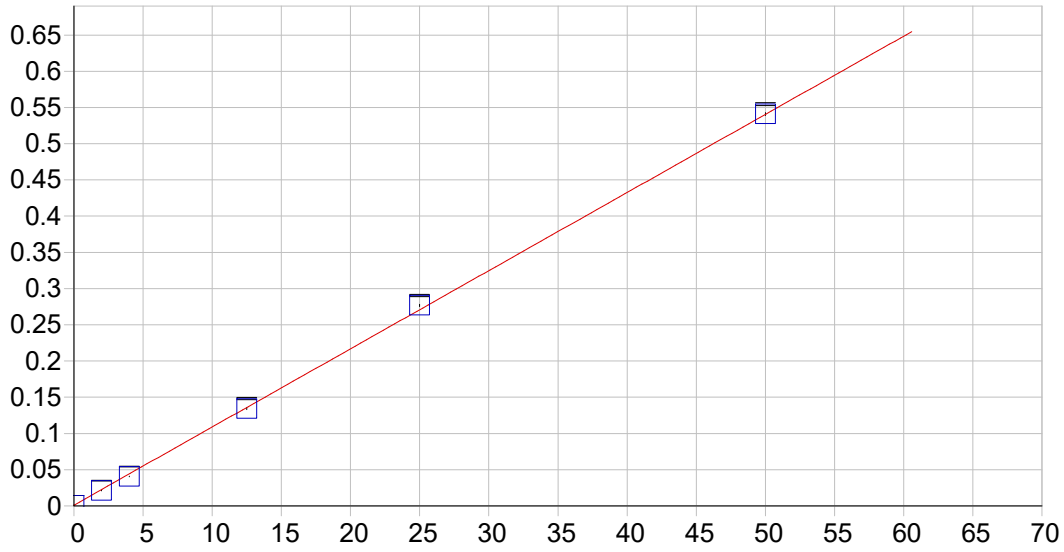

**Ag 328.068 {103}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000623 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.208404 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999854 | Status: | OK. |
| Std Error of Est: | 0.000029 | | |
| Predicted MDL: | 0.000331 | | |
| Predicted MQL: | 0.001105 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00062 | .000 | 1 |
| S1 | .01000 | .00855 | -.001 | -14.5 | .00115 | .000 | 1 |
| S3 | .62500 | .63775 | .013 | 2.04 | .13179 | .001 | 1 |
| S4 | 1.2500 | 1.2710 | .021 | 1.68 | .26327 | .001 | 1 |
| S5 | 2.5000 | 2.4653 | -.035 | -1.39 | .51115 | .002 | 1 |
| S2 | .20000 | .20234 | .002 | 1.17 | .04138 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



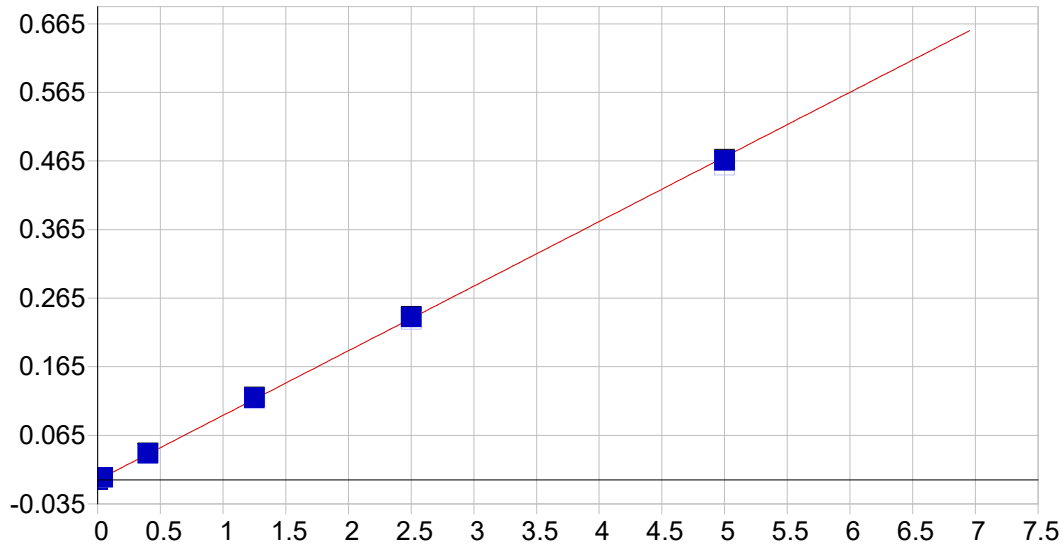

**Na 589.592 { 57}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001095 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.010788 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999737 | Status: | OK. |
| Std Error of Est: | 0.000131 | | |
| Predicted MDL: | 0.011354 | | |
| Predicted MQL: | 0.037847 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00027 | .000 | .000 | .00110 | .000 | 1 |
| S2 | 4.0000 | 3.6754 | -.325 | -8.11 | .04075 | .000 | 1 |
| S3 | 12.500 | 12.358 | -.142 | -1.14 | .13441 | .002 | 1 |
| S4 | 25.000 | 25.554 | .554 | 2.22 | .27677 | .002 | 1 |
| S5 | 50.000 | 50.046 | .046 | .093 | .54100 | .002 | 1 |
| S1 | 2.0000 | 1.8667 | -.133 | -6.66 | .02123 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



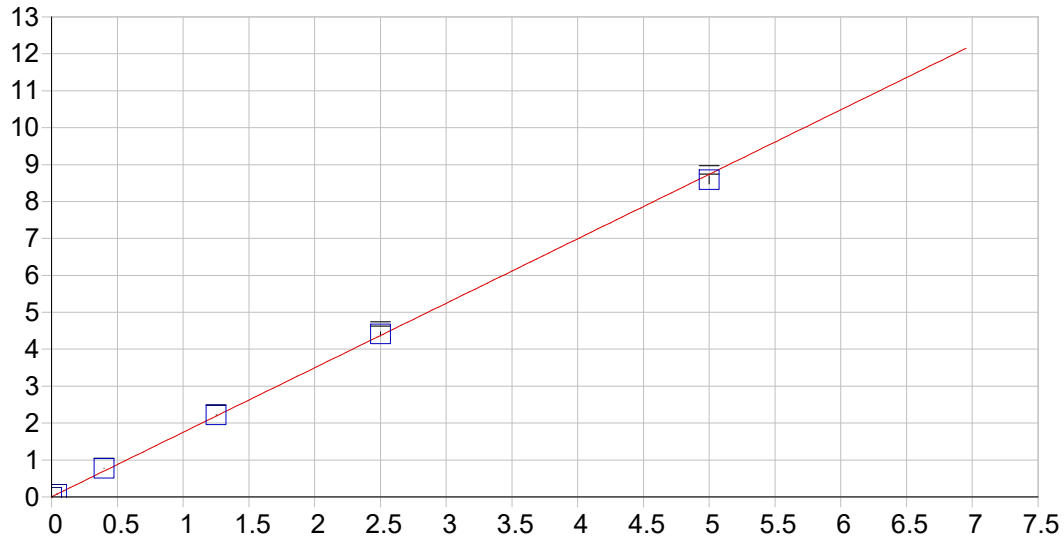

**V 292.402 {115}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000140 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.094213 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999900 | Status: | OK. |
| Std Error of Est: | 0.000031 | | |
| Predicted MDL: | 0.002265 | | |
| Predicted MQL: | 0.007550 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00014 | .000 | 1 |
| S1 | .04000 | .04176 | .002 | 4.39 | .00365 | .000 | 1 |
| S3 | 1.2500 | 1.2738 | .024 | 1.91 | .11815 | .001 | 1 |
| S4 | 2.5000 | 2.5204 | .020 | .816 | .23388 | .001 | 1 |
| S5 | 5.0000 | 4.9414 | -.059 | -1.17 | .45854 | .002 | 1 |
| S2 | .40000 | .41264 | .013 | 3.16 | .03819 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



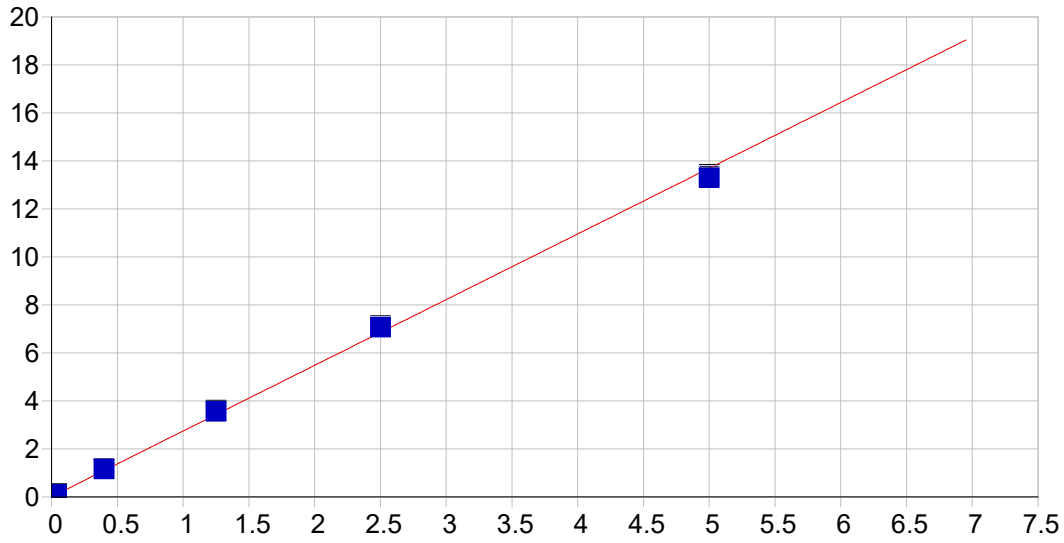

**Zn 206.200 {464}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.003079 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.746973 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999651 | Status: | OK. |
| Std Error of Est: | 0.001083 | | |
| Predicted MDL: | 0.000138 | | |
| Predicted MQL: | 0.000461 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00307 | .000 | 1 |
| S1 | .04000 | .04225 | .002 | 5.63 | .07690 | .001 | 1 |
| S3 | 1.2500 | 1.2674 | .017 | 1.39 | 2.2172 | .001 | 1 |
| S4 | 2.5000 | 2.5253 | .025 | 1.01 | 4.4147 | .057 | 1 |
| S5 | 5.0000 | 4.9136 | -.086 | -1.73 | 8.5870 | .111 | 1 |
| S2 | .40000 | .44143 | .041 | 10.4 | .77424 | .002 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



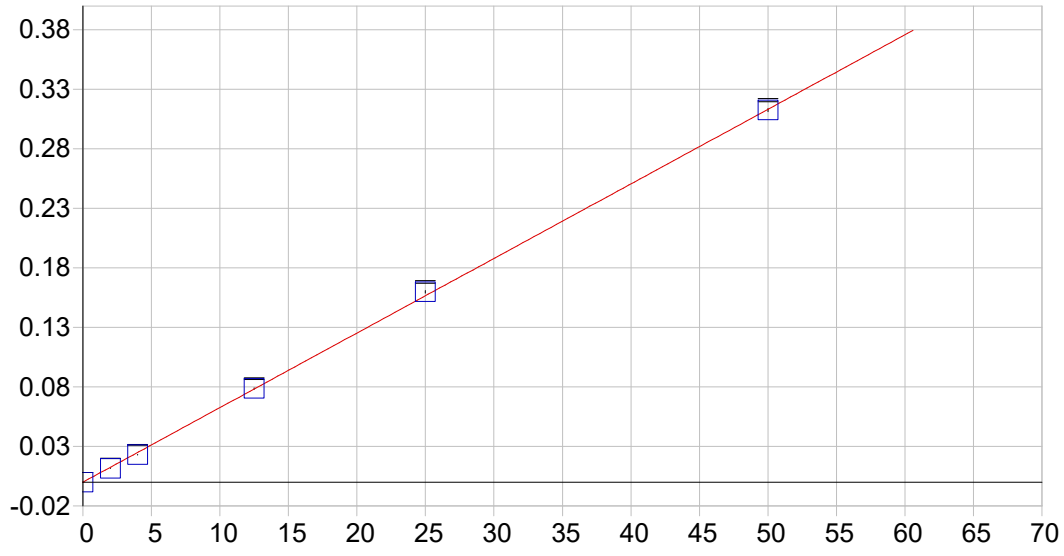

**Zn 213.856 {158}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.005707 | Re-Slope: | 1.000000 |
| A1 (Gain): | 2.738041 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999483 | Status: | OK. |
| Std Error of Est: | 0.002081 | | |
| Predicted MDL: | 0.000193 | | |
| Predicted MQL: | 0.000645 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | .00569 | .000 | 1 |
| S1 | .04000 | .04327 | .003 | 8.17 | .12494 | .002 | 1 |
| S3 | 1.2500 | 1.2967 | .047 | 3.73 | 3.5798 | .031 | 1 |
| S4 | 2.5000 | 2.5770 | .077 | 3.08 | 7.1092 | .019 | 1 |
| S5 | 5.0000 | 4.8535 | -.147 | -2.93 | 13.390 | .048 | 1 |
| S2 | .40000 | .41962 | .020 | 4.91 | 1.1623 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



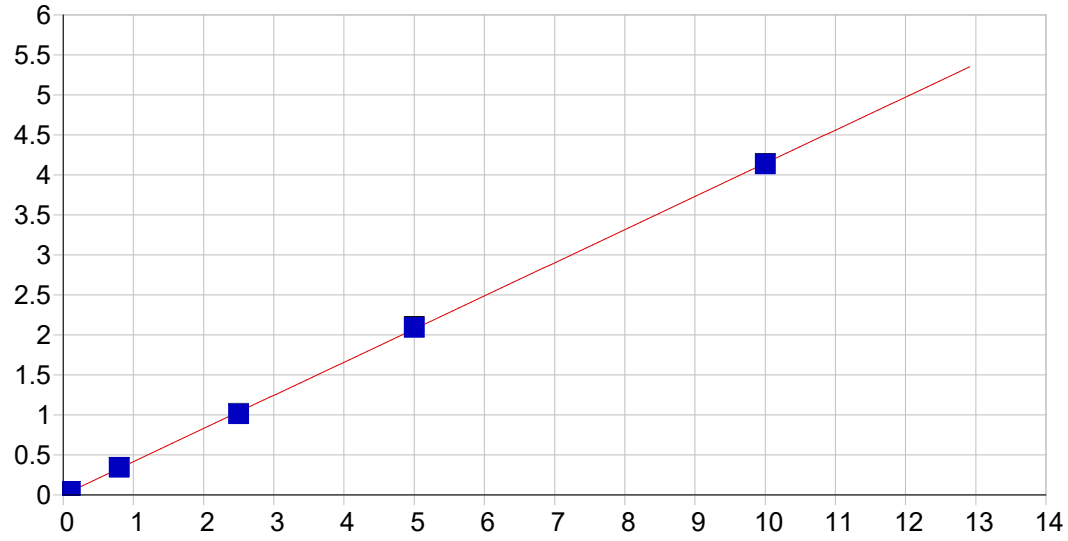

**K 766.490 { 44}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000072 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.006266 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999754 | Status: | OK. |
| Std Error of Est: | 0.000074 | | |
| Predicted MDL: | 0.026526 | | |
| Predicted MQL: | 0.088419 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00025 | .000 | .000 | -.00007 | .000 | 1 |
| S2 | 4.0000 | 3.6821 | -.318 | -7.95 | .02300 | .000 | 1 |
| S3 | 12.500 | 12.550 | .050 | .400 | .07857 | .001 | 1 |
| S4 | 25.000 | 25.514 | .514 | 2.06 | .15980 | .001 | 1 |
| S5 | 50.000 | 49.893 | -.107 | -.214 | .31256 | .001 | 1 |
| S1 | 2.0000 | 1.8607 | -.139 | -6.96 | .01159 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



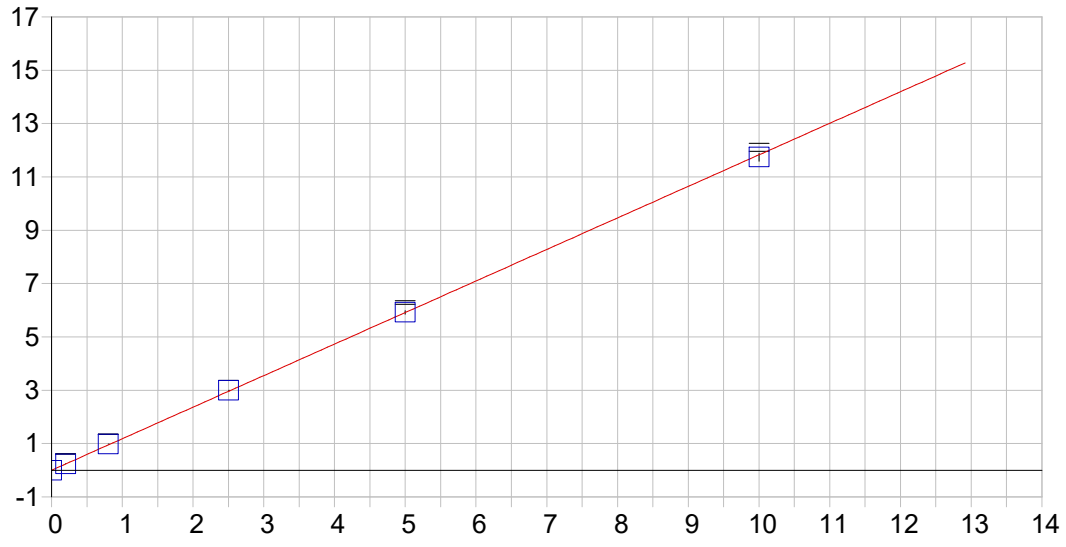

**B 249.678 {135}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001044 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.414366 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999927 | Status: | OK. |
| Std Error of Est: | 0.000262 | | |
| Predicted MDL: | 0.000640 | | |
| Predicted MQL: | 0.002135 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00104 | .000 | 1 |
| S1 | .10000 | .10285 | .003 | 2.85 | .04349 | .000 | 1 |
| S3 | 2.5000 | 2.4416 | -.058 | -2.34 | 1.0107 | .006 | 1 |
| S4 | 5.0000 | 5.0490 | .049 | .980 | 2.0891 | .012 | 1 |
| S5 | 10.000 | 9.9827 | -.017 | -.173 | 4.1294 | .002 | 1 |
| S2 | .80000 | .82385 | .024 | 2.98 | .34177 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



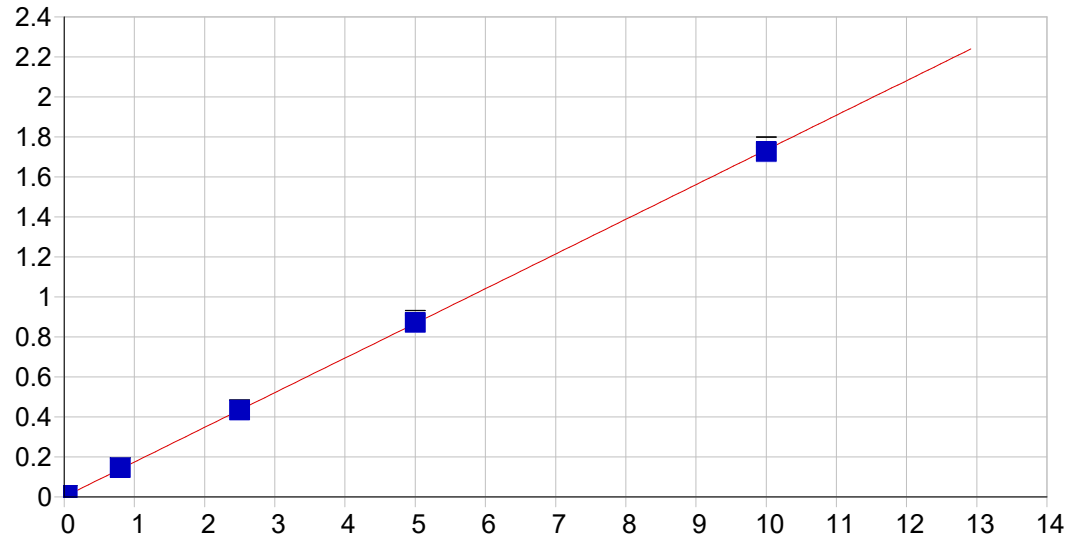

**Mo 202.030 {467}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000221 | Re-Slope: | 1.000000 |
| A1 (Gain): | 1.182801 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999938 | Status: | OK. |
| Std Error of Est: | 0.000979 | | |
| Predicted MDL: | 0.000209 | | |
| Predicted MQL: | 0.000698 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00001 | -.000 | .000 | -.00024 | .000 | 1 |
| S1 | .20000 | .20355 | .004 | 1.78 | .24054 | .004 | 1 |
| S3 | 2.5000 | 2.5334 | .033 | 1.34 | 2.9963 | .004 | 1 |
| S4 | 5.0000 | 5.0064 | .006 | .128 | 5.9213 | .064 | 1 |
| S5 | 10.000 | 9.9255 | -.075 | -.745 | 11.740 | .147 | 1 |
| S2 | .80000 | .83116 | .031 | 3.90 | .98288 | .003 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



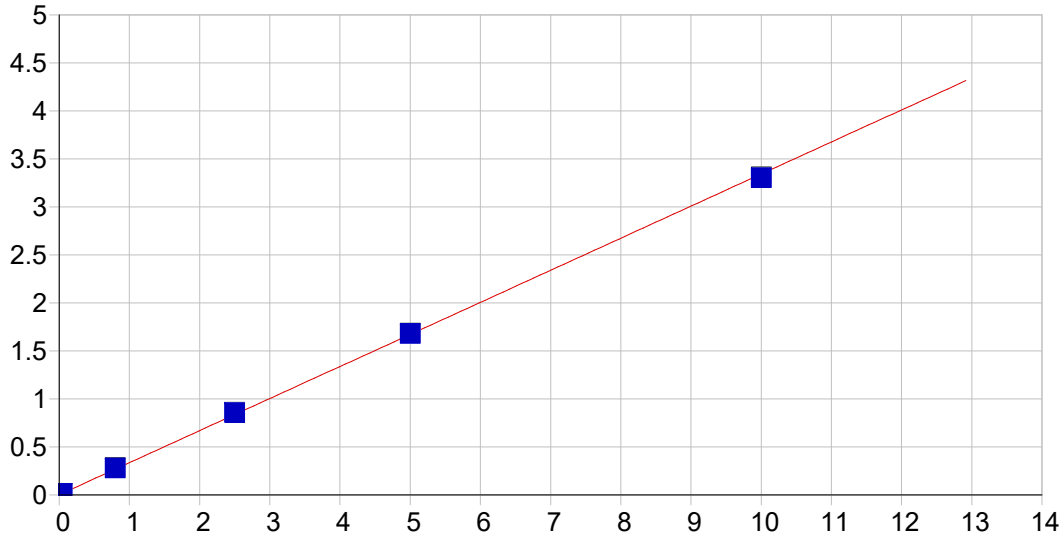

**Sn 189.989 {478}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000883 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.173370 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999936 | Status: | OK. |
| Std Error of Est: | 0.000065 | | |
| Predicted MDL: | 0.000576 | | |
| Predicted MQL: | 0.001921 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | .00088 | .000 | 1 |
| S1 | .04000 | .03578 | -.004 | -10.6 | .00708 | .000 | 1 |
| S3 | 2.5000 | 2.4977 | -.002 | -.092 | .43346 | .001 | 1 |
| S4 | 5.0000 | 5.0224 | .022 | .447 | .87072 | .011 | 1 |
| S5 | 10.000 | 9.9492 | -.051 | -.508 | 1.7240 | .025 | 1 |
| S2 | .80000 | .83496 | .035 | 4.37 | .14550 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



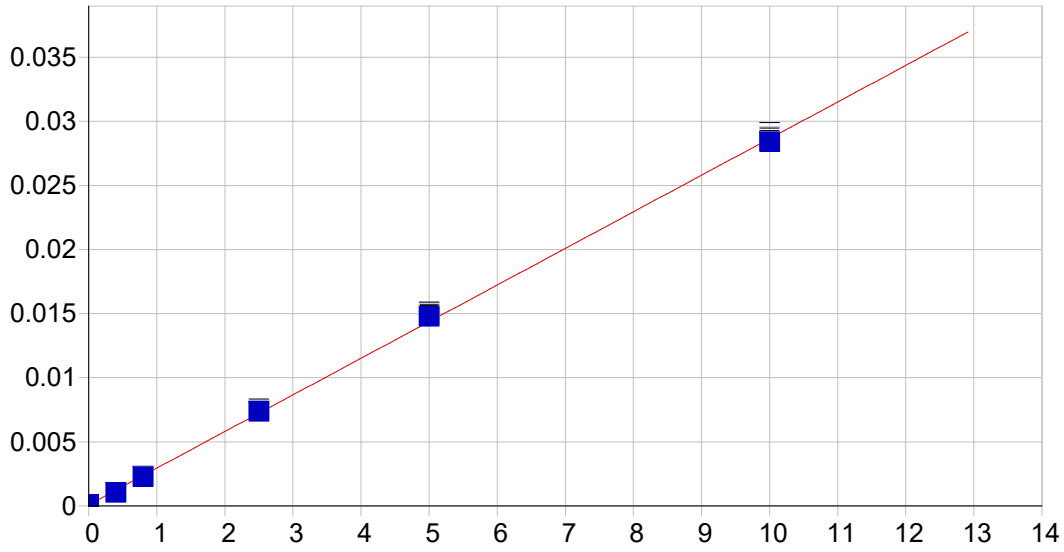

**Ti 336.121 {100}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.001400 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.334056 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999896 | Status: | OK. |
| Std Error of Est: | 0.000160 | | |
| Predicted MDL: | 0.000950 | | |
| Predicted MQL: | 0.003167 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | .00140 | .000 | 1 |
| S1 | .04000 | .04142 | .001 | 3.56 | .01523 | .000 | 1 |
| S3 | 2.5000 | 2.5573 | .057 | 2.29 | .85539 | .005 | 1 |
| S4 | 5.0000 | 5.0240 | .024 | .480 | 1.6791 | .003 | 1 |
| S5 | 10.000 | 9.8880 | -.112 | -1.12 | 3.3033 | .005 | 1 |
| S2 | .80000 | .82928 | .029 | 3.66 | .27833 | .001 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



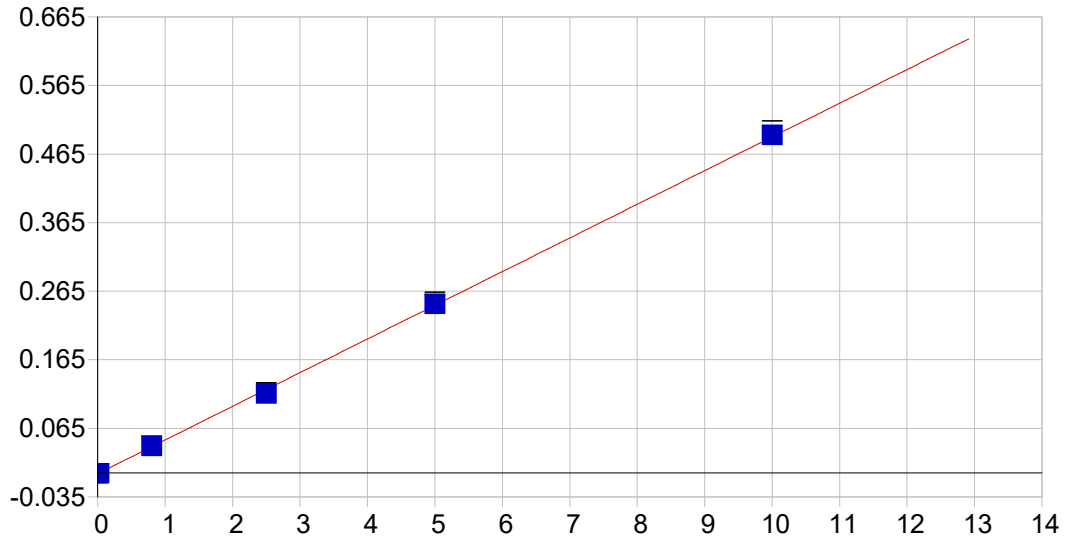

**Si 288.158 {117}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000091 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.002857 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999513 | Status: | OK. |
| Std Error of Est: | 0.000010 | | |
| Predicted MDL: | 0.009703 | | |
| Predicted MQL: | 0.032342 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00007 | .000 | .000 | .00009 | .000 | 1 |
| S1 | .40000 | .33261 | -.067 | -16.8 | .00104 | .000 | 1 |
| S3 | 2.5000 | 2.5453 | .045 | 1.81 | .00747 | .000 | 1 |
| S4 | 5.0000 | 5.1454 | .145 | 2.91 | .01500 | .000 | 1 |
| S5 | 10.000 | 9.9109 | -.089 | -.891 | .02883 | .000 | 1 |
| S2 | .80000 | .76490 | -.035 | -4.39 | .00231 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



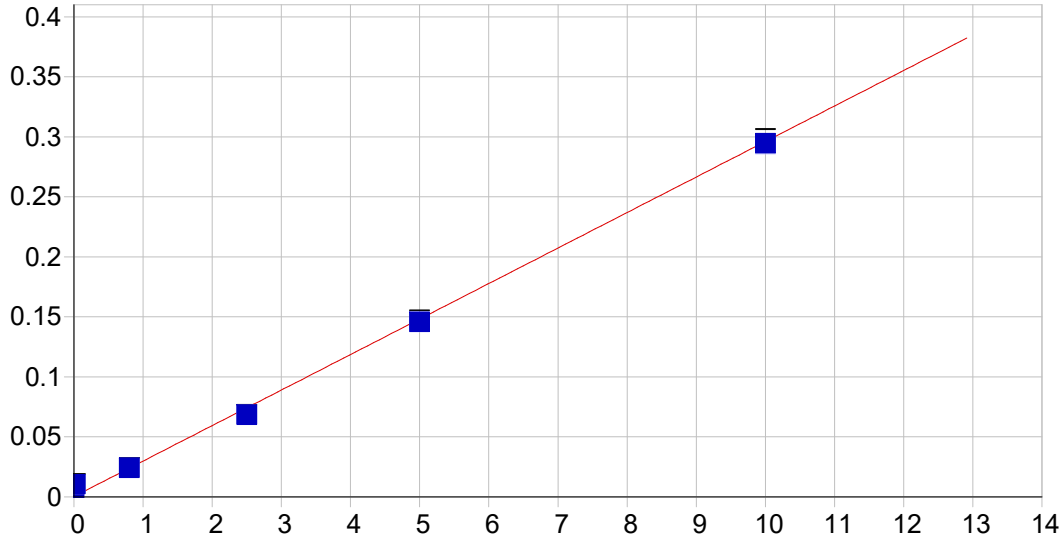

**P 177.495 {490}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.001137 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.049110 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999794 | Status: | OK. |
| Std Error of Est: | 0.000023 | | |
| Predicted MDL: | 0.001837 | | |
| Predicted MQL: | 0.006125 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00000 | .000 | .000 | -.00114 | .000 | 1 |
| S1 | .02000 | .01756 | -.002 | -12.2 | -.00027 | .000 | 1 |
| S3 | 2.5000 | 2.3780 | -.122 | -4.88 | .11563 | .001 | 1 |
| S4 | 5.0000 | 5.0449 | .045 | .898 | .24658 | .003 | 1 |
| S5 | 10.000 | 10.059 | .059 | .588 | .49277 | .006 | 1 |
| S2 | .80000 | .82078 | .021 | 2.60 | .03917 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



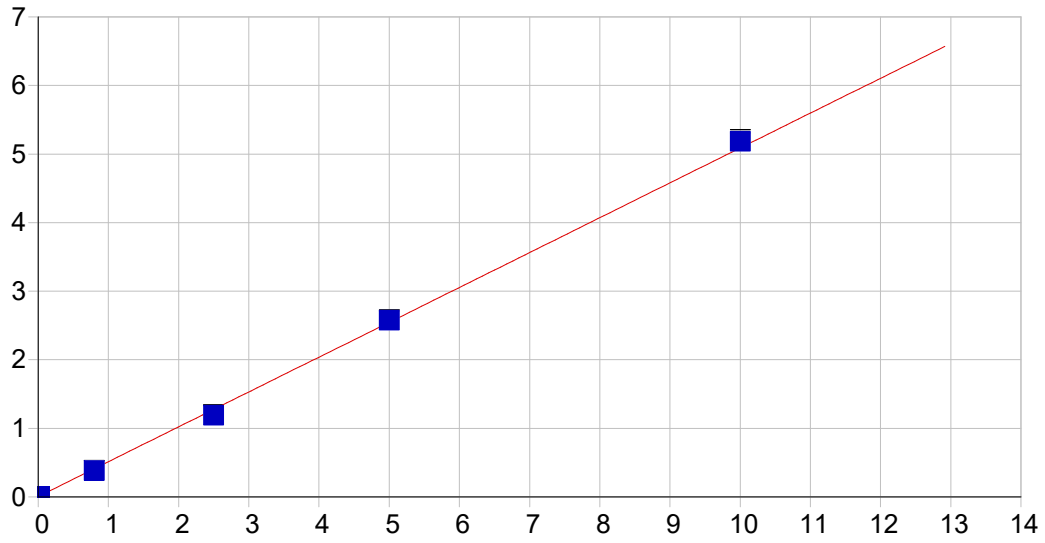

**S 182.034 {485}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.000276 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.029579 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.877490 | Status: | OK. |
| Std Error of Est: | 0.000378 | | |
| Predicted MDL: | 0.002773 | | |
| Predicted MQL: | 0.009245 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00033 | -.000 | .000 | .00027 | .000 | 1 |
| S1 | .02000 | .34930 | .329 | 1650. | .01058 | .000 | 1 |
| S3 | 2.5000 | 2.3079 | -.192 | -7.68 | .06835 | .000 | 1 |
| S4 | 5.0000 | 4.9221 | -.078 | -1.56 | .14548 | .002 | 1 |
| S5 | 10.000 | 9.9460 | -.054 | -.540 | .29370 | .004 | 1 |
| S2 | .80000 | .80789 | .008 | .986 | .02411 | .000 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



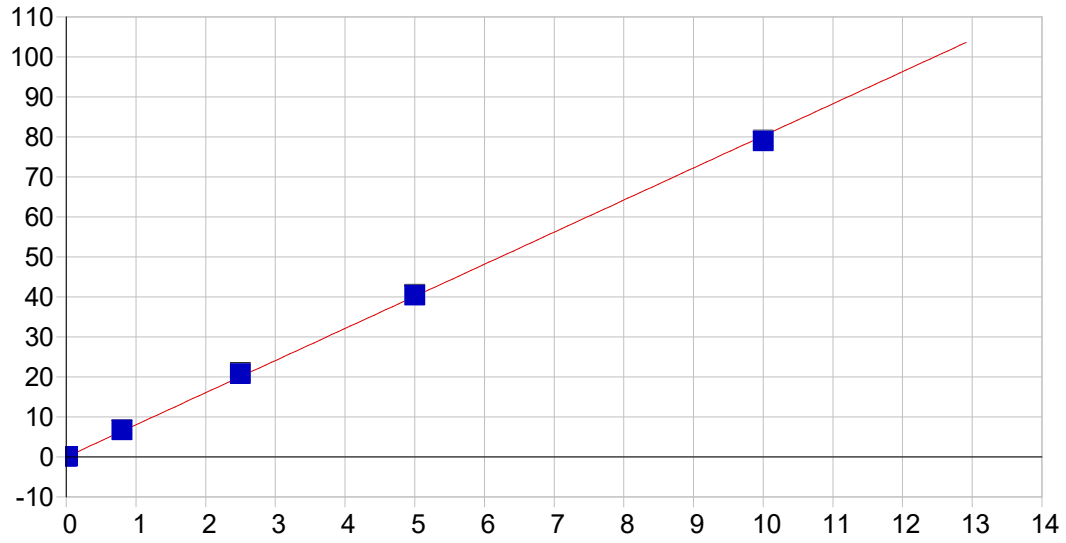

**Li 670.784 { 50}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | 0.004729 | Re-Slope: | 1.000000 |
| A1 (Gain): | 0.508339 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999041 | Status: | OK. |
| Std Error of Est: | 0.000522 | | |
| Predicted MDL: | 0.002257 | | |
| Predicted MQL: | 0.007522 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | .00002 | .000 | .000 | .00474 | .001 | 1 |
| S5 | 10.000 | 10.189 | .189 | 1.89 | 5.1886 | .023 | 1 |
| S4 | 5.0000 | 5.0546 | .055 | 1.09 | 2.5765 | .007 | 1 |
| S3 | 2.5000 | 2.3302 | -.170 | -6.79 | 1.1904 | .010 | 1 |
| S1 | .02000 | .00228 | -.018 | -88.6 | .00607 | .001 | 1 |
| S2 | .80000 | .74460 | -.055 | -6.93 | .38360 | .002 | 1 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900



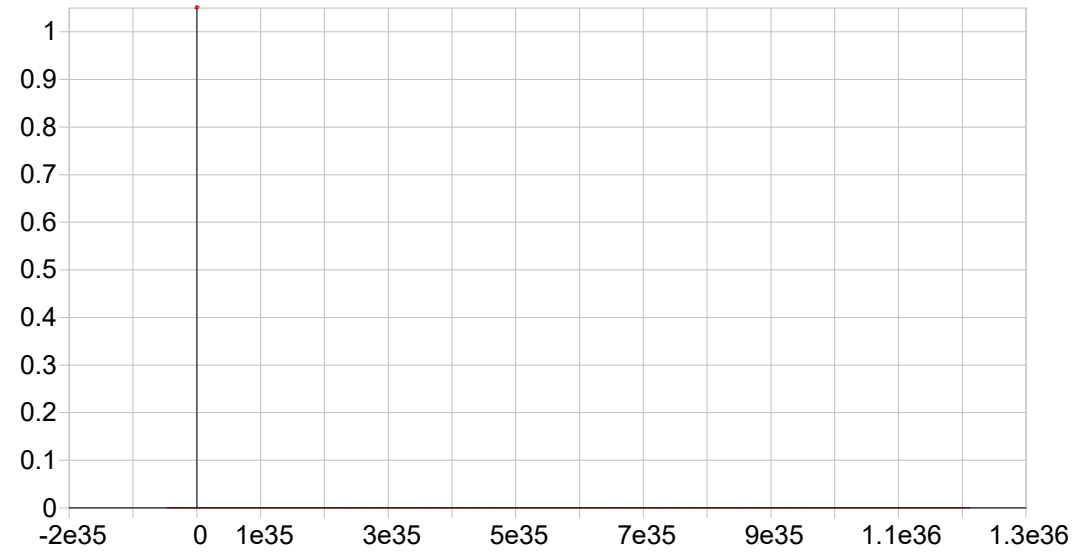

**Sr 407.771 { 83}**

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | Type of Fit: | Linear | Weighting: | 1/Conc |

| | | | |
|---|---|---|---|
| A0 (Offset): | -0.000025 | Re-Slope: | 1.000000 |
| A1 (Gain): | 8.025497 | Y-int: | 0.000000 |
| A2 (Curvature): | 0.000000 | | |
| n (Exponent): | 1.000000 | | |
| Correlation: | 0.999788 | Status: | OK. |
| Std Error of Est: | 0.003879 | | |
| Predicted MDL: | 0.000066 | | |
| Predicted MQL: | 0.000221 | | |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|---|---|---|---|---|---|---|---|
| S0 | .00000 | -.00000 | -.000 | .000 | -.00004 | .000 | 1 |
| S1 | .02000 | .02071 | .001 | 3.55 | .16698 | .003 | 1 |
| S3 | 2.5000 | 2.5902 | .090 | 3.61 | 20.807 | .195 | 1 |
| S4 | 5.0000 | 5.0383 | .038 | .766 | 40.475 | .185 | 1 |
| S5 | 10.000 | 9.8358 | -.164 | -1.64 | 79.018 | .147 | 1 |
| S2 | .80000 | .83499 | .035 | 4.37 | 6.7076 | .030 | 1 |

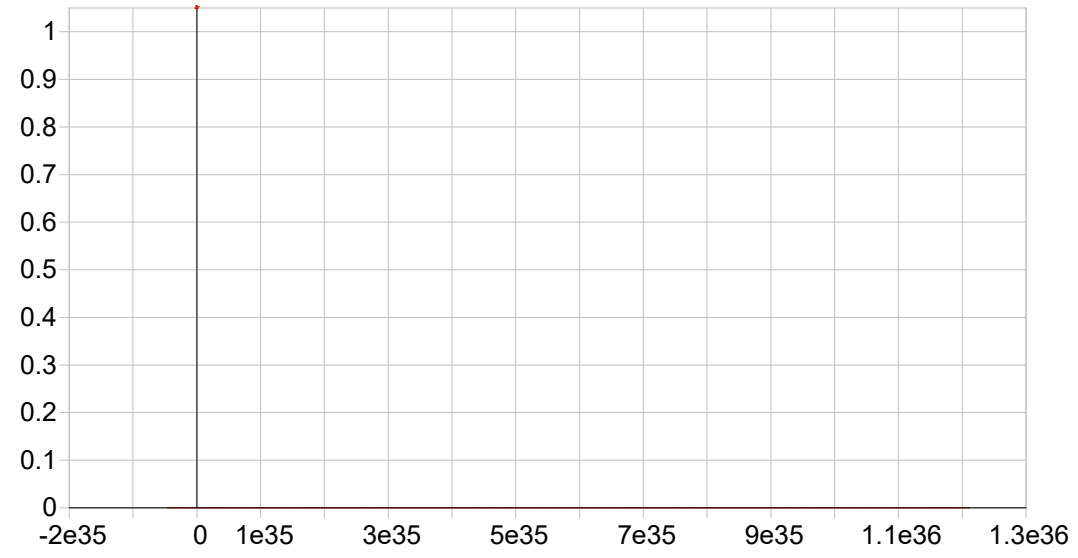
Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900




**Y 224.306 {450}***

| | | | | | |
|---|---|---|---|---|---|
| Date of Fit: | 8/7/2024 19:58:21 | 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 |
|---|---|---|---|---|---|---|---|



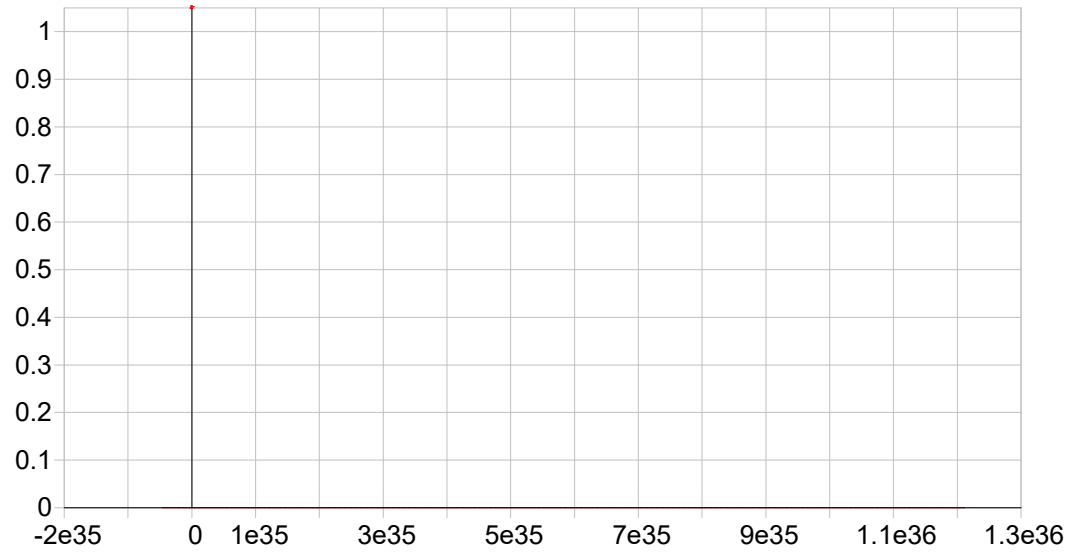

**Y 360.073 { 94}***

| | | | | | |
|---|---|---|---|---|---|
| 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:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

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



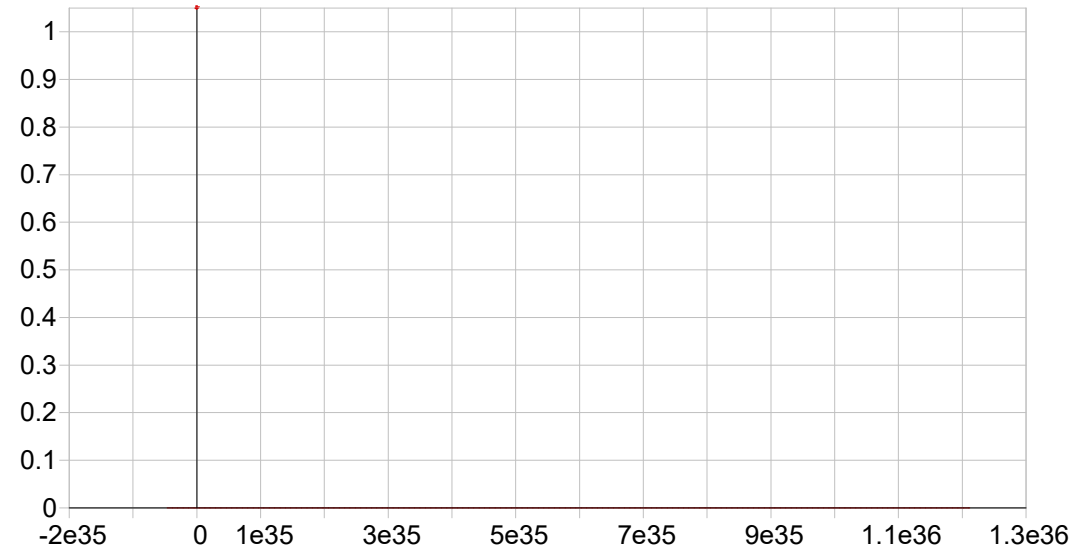

**Y 371.030 { 91}***

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

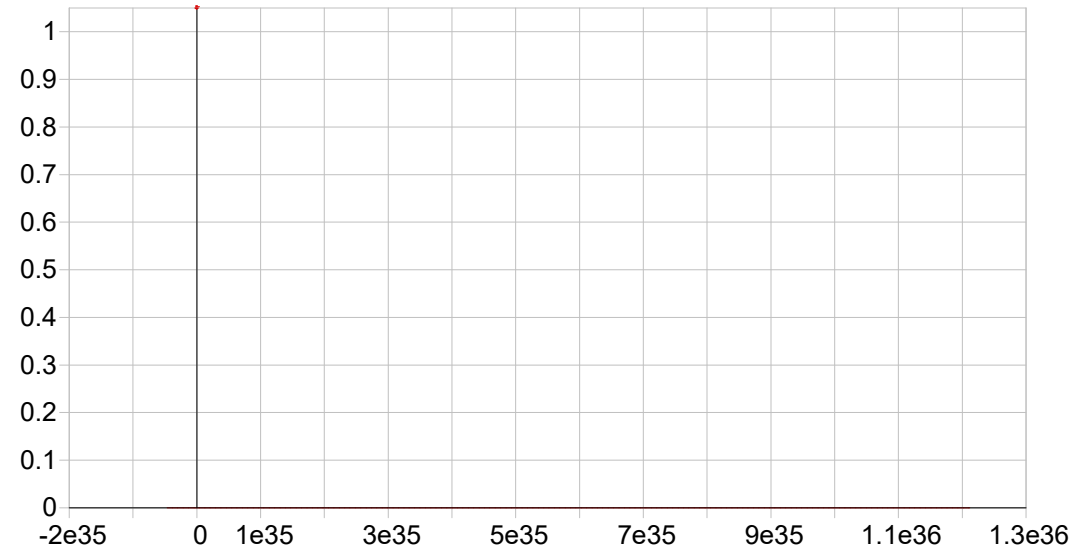
Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900




**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:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S0 Acquired: 8/7/2024 14:16:38 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | -.00024 | .00018 | -.00028 | .00049 | .00009 | .00029 | .02153 | -.00048 |
| Stddev | .00017 | .00003 | .00003 | .00014 | .00020 | .00027 | .00254 | .00003 |
| %RSD | 70.186 | 16.372 | 11.389 | 27.670 | 209.55 | 93.074 | 11.783 | 5.7793 |
| #1 | -.00039 | .00015 | -.00029 | .00064 | .00011 | .00003 | .01941 | -.00049 |
| #2 | -.00025 | .00021 | -.00030 | .00044 | -.00011 | .00056 | .02434 | -.00050 |
| #3 | -.00006 | .00018 | -.00024 | .00039 | .00029 | .00027 | .02084 | -.00045 |

| 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 | .00001 | .00104 | .00002 | -.00003 | -.00031 | .00001 | .00007 | .00000 |
| Stddev | .00012 | .00036 | .00002 | .00009 | .00020 | .00002 | .00008 | .00014 |
| %RSD | 2006.1 | 34.705 | 68.059 | 297.62 | 63.110 | 213.20 | 118.76 | 4528.9 |
| #1 | .00011 | .00078 | .00004 | .00001 | -.00026 | .00001 | -.00003 | -.00015 |
| #2 | -.00012 | .00145 | .00001 | .00003 | -.00015 | -.00001 | .00011 | .00004 |
| #3 | .00002 | .00089 | .00001 | -.00013 | -.00053 | .00003 | .00013 | .00013 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | .00007 | -.00062 | .00110 | -.00014 | .00569 | -.00007 | .00104 | -.00024 |
| Stddev | .00012 | .00001 | .00008 | .00021 | .00049 | .00013 | .00022 | .00023 |
| %RSD | 162.04 | 1.8839 | 7.5315 | 152.46 | 8.6799 | 181.34 | 20.914 | 95.775 |
| #1 | .00016 | -.00064 | .00106 | -.00005 | .00570 | -.00020 | .00082 | -.00037 |
| #2 | .00013 | -.00062 | .00104 | -.00038 | .00519 | -.00007 | .00105 | .00003 |
| #3 | -.00006 | -.00061 | .00119 | .00001 | .00617 | .00006 | .00125 | -.00037 |

| 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 | .00088 | .00140 | .00009 | -.00114 | .00027 | .00474 | -.00004 |
| Stddev | .00007 | .00033 | .00001 | .00003 | .00005 | .00062 | .00034 |
| %RSD | 7.6213 | 23.447 | 15.561 | 2.3182 | 20.499 | 13.090 | 796.31 |
| #1 | .00085 | .00151 | .00008 | -.00111 | .00028 | .00526 | .00034 |
| #2 | .00084 | .00166 | .00011 | -.00116 | .00021 | .00405 | -.00020 |
| #3 | .00096 | .00103 | .00008 | -.00114 | .00031 | .00490 | -.00027 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S0 Acquired: 8/7/2024 14:16:38 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2842.8 | 100060. | 13228. | 3855.0 | 5340.4 |
| Stddev | 29.5 | 379. | 84. | 13.0 | 56.4 |
| %RSD | 1.0395 | .37909 | .63181 | .33607 | 1.0555 |
| | | | | | |
| #1 | 2813.5 | 100340. | 13138. | 3850.7 | 5281.6 |
| #2 | 2872.6 | 99627. | 13303. | 3844.7 | 5394.0 |
| #3 | 2842.3 | 100210. | 13243. | 3869.5 | 5345.4 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S1 Acquired: 8/7/2024 14:21:03 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | .00189 | .00266 | .00302 | .00229 | .00928 | .00728 | .25308 | .03199 |
| Stddev | .00006 | .00010 | .00031 | .00022 | .00020 | .00015 | .00350 | .00007 |
| %RSD | 2.9668 | 3.8485 | 10.308 | 9.7553 | 2.1393 | 2.0089 | 1.3843 | .22865 |
| #1 | .00193 | .00256 | .00335 | .00209 | .00907 | .00723 | .24923 | .03202 |
| #2 | .00192 | .00277 | .00273 | .00225 | .00928 | .00716 | .25392 | .03204 |
| #3 | .00183 | .00264 | .00297 | .00253 | .00947 | .00744 | .25609 | .03190 |

| 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 | .01176 | .12351 | .00130 | .03457 | .01741 | .00063 | .01123 | .02099 |
| Stddev | .00017 | .00141 | .00002 | .00049 | .00040 | .00003 | .00012 | .00016 |
| %RSD | 1.4542 | 1.1423 | 1.2652 | 1.4038 | 2.3071 | 4.3395 | 1.0793 | .76376 |
| #1 | .01160 | .12293 | .00132 | .03407 | .01698 | .00060 | .01109 | .02086 |
| #2 | .01194 | .12249 | .00130 | .03504 | .01777 | .00064 | .01131 | .02117 |
| #3 | .01174 | .12512 | .00128 | .03462 | .01749 | .00066 | .01128 | .02094 |

| 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 | .02799 | .00115 | .02123 | .00365 | .12494 | .01159 | .04349 | .24054 |
| Stddev | .00045 | .00007 | .00038 | .00001 | .00204 | .00025 | .00030 | .00401 |
| %RSD | 1.6039 | 6.0627 | 1.8118 | .29812 | 1.6366 | 2.1344 | .69635 | 1.6654 |
| #1 | .02748 | .00118 | .02100 | .00366 | .12478 | .01143 | .04331 | .23667 |
| #2 | .02834 | .00119 | .02168 | .00366 | .12706 | .01187 | .04331 | .24467 |
| #3 | .02814 | .00107 | .02103 | .00364 | .12298 | .01146 | .04384 | .24029 |

| 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 | .00708 | .01523 | .00104 | -.00027 | .01058 | .00607 | .16698 |
| Stddev | .00012 | .00028 | .00002 | .00006 | .00025 | .00138 | .00297 |
| %RSD | 1.6640 | 1.8664 | 1.5914 | 23.166 | 2.3836 | 22.662 | 1.7780 |
| #1 | .00697 | .01500 | .00105 | -.00033 | .01033 | .00457 | .16487 |
| #2 | .00720 | .01514 | .00106 | -.00021 | .01084 | .00638 | .16570 |
| #3 | .00706 | .01555 | .00102 | -.00028 | .01057 | .00727 | .17038 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S1 Acquired: 8/7/2024 14:21:03 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2820.7 | 97260. | 13217. | 3767.6 | 5270.4 |
| Stddev | 34.6 | 1428. | 125. | 51.0 | 64.6 |
| %RSD | 1.2280 | 1.4681 | .94605 | 1.3539 | 1.2251 |
| | | | | | |
| #1 | 2844.7 | 97408. | 13292. | 3769.1 | 5318.5 |
| #2 | 2781.0 | 95764. | 13286. | 3715.9 | 5197.0 |
| #3 | 2836.5 | 98609. | 13073. | 3817.9 | 5295.7 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S2 Acquired: 8/7/2024 14:25:29 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | .09204 | .05728 | .21307 | .08431 | .15683 | .10101 | 3.7553 | .21158 |
| Stddev | .00052 | .00063 | .00067 | .00060 | .00029 | .00106 | .0207 | .00109 |
| %RSD | .56191 | 1.1084 | .31275 | .71184 | .18615 | 1.0462 | .55127 | .51621 |
| #1 | .09145 | .05656 | .21374 | .08363 | .15651 | .10215 | 3.7640 | .21061 |
| #2 | .09225 | .05752 | .21241 | .08455 | .15690 | .10080 | 3.7702 | .21135 |
| #3 | .09242 | .05776 | .21307 | .08476 | .15709 | .10007 | 3.7316 | .21276 |

| 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 | .80094 | .25115 | .02127 | .48737 | .17213 | .00471 | .22166 | .03999 |
| Stddev | .00133 | .00146 | .00014 | .00070 | .00074 | .00002 | .00057 | .00019 |
| %RSD | .16620 | .58306 | .67520 | .14447 | .43278 | .41287 | .25893 | .46466 |
| #1 | .80170 | .25273 | .02134 | .48718 | .17171 | .00472 | .22220 | .04020 |
| #2 | .79941 | .25089 | .02111 | .48678 | .17169 | .00471 | .22106 | .03987 |
| #3 | .80172 | .24984 | .02137 | .48815 | .17299 | .00468 | .22171 | .03989 |

| 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 | .29849 | .04138 | .04075 | .03819 | 1.1623 | .02300 | .34177 | .98288 |
| Stddev | .00031 | .00019 | .00034 | .00044 | .0014 | .00016 | .00106 | .00289 |
| %RSD | .10494 | .46409 | .84541 | 1.1647 | .11975 | .68889 | .31078 | .29435 |
| #1 | .29816 | .04136 | .04101 | .03865 | 1.1627 | .02317 | .34091 | .98069 |
| #2 | .29852 | .04121 | .04087 | .03815 | 1.1607 | .02296 | .34145 | .98179 |
| #3 | .29878 | .04159 | .04036 | .03776 | 1.1634 | .02287 | .34296 | .98616 |

| 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 | .14550 | .27833 | .00231 | .03917 | .02411 | .38360 | 6.7076 |
| Stddev | .00030 | .00066 | .00002 | .00012 | .00024 | .00198 | .0304 |
| %RSD | .20823 | .23573 | .82764 | .31714 | .98483 | .51709 | .45267 |
| #1 | .14550 | .27866 | .00229 | .03930 | .02384 | .38384 | 6.7272 |
| #2 | .14520 | .27875 | .00231 | .03914 | .02429 | .38545 | 6.7231 |
| #3 | .14580 | .27757 | .00233 | .03905 | .02419 | .38151 | 6.6726 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S2 Acquired: 8/7/2024 14:25:29 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2638.4 | 101090. | 13414. | 3860.6 | 4825.4 |
| Stddev | 10.9 | 217. | 6. | 10.1 | 13.0 |
| %RSD | .41406 | .21484 | .04511 | .26207 | .26992 |
| #1 | 2648.9 | 100870. | 13409. | 3856.9 | 4836.1 |
| #2 | 2639.2 | 101310. | 13421. | 3852.9 | 4829.2 |
| #3 | 2627.1 | 101100. | 13413. | 3872.1 | 4810.9 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S3 Acquired: 8/7/2024 14:29:39 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | .26818 | .17256 | .63719 | .24251 | .46612 | .30596 | 11.835 | .62720 |
| Stddev | .00083 | .00191 | .00076 | .00077 | .00080 | .00178 | .079 | .00342 |
| %RSD | .31132 | 1.1066 | .11892 | .31673 | .17242 | .58309 | .66543 | .54554 |
| #1 | .26802 | .17343 | .63660 | .24329 | .46685 | .30721 | 11.898 | .62913 |
| #2 | .26908 | .17388 | .63693 | .24248 | .46625 | .30676 | 11.861 | .62921 |
| #3 | .26743 | .17037 | .63805 | .24176 | .46526 | .30392 | 11.747 | .62325 |

| 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 | 2.3767 | .76433 | .06654 | 1.4566 | .50670 | .01579 | .67532 | .12107 |
| Stddev | .0024 | .00342 | .00064 | .0012 | .00079 | .00013 | .00507 | .00120 |
| %RSD | .09955 | .44768 | .95727 | .08193 | .15580 | .79476 | .75052 | .99407 |
| #1 | 2.3739 | .76491 | .06727 | 1.4576 | .50714 | .01593 | .67713 | .12118 |
| #2 | 2.3781 | .76742 | .06610 | 1.4568 | .50718 | .01574 | .67924 | .12221 |
| #3 | 2.3779 | .76065 | .06624 | 1.4553 | .50579 | .01570 | .66960 | .11981 |

| 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 | .88023 | .13179 | .13441 | .11815 | 3.5798 | .07857 | 1.0107 | 2.9963 |
| Stddev | .00151 | .00140 | .00158 | .00098 | .0308 | .00063 | .0064 | .0043 |
| %RSD | .17166 | 1.0633 | 1.1751 | .83043 | .86064 | .80457 | .63732 | .14190 |
| #1 | .87863 | .13339 | .13623 | .11879 | 3.6147 | .07928 | 1.0155 | 2.9976 |
| #2 | .88163 | .13114 | .13359 | .11865 | 3.5562 | .07809 | 1.0134 | 2.9998 |
| #3 | .88042 | .13083 | .13340 | .11702 | 3.5685 | .07832 | 1.0034 | 2.9916 |

| 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 | .43346 | .85539 | .00747 | .11563 | .06835 | 1.1904 | 20.807 |
| Stddev | .00107 | .00500 | .00009 | .00141 | .00012 | .0104 | .195 |
| %RSD | .24725 | .58464 | 1.1954 | 1.2185 | .17077 | .87018 | .93842 |
| #1 | .43356 | .85941 | .00757 | .11449 | .06848 | 1.1957 | 21.033 |
| #2 | .43449 | .85696 | .00743 | .11518 | .06826 | 1.1970 | 20.696 |
| #3 | .43235 | .84979 | .00741 | .11720 | .06830 | 1.1784 | 20.694 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S3 Acquired: 8/7/2024 14:29:39 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2798.9 | 95865. | 13985. | 3717.9 | 5157.5 |
| Stddev | 4.0 | 869. | 91. | 35.7 | 3.7 |
| %RSD | .14267 | .90640 | .64732 | .96046 | .07087 |
| | | | | | |
| #1 | 2794.3 | 94864. | 13951. | 3676.7 | 5153.3 |
| #2 | 2801.2 | 96302. | 13917. | 3737.9 | 5159.6 |
| #3 | 2801.2 | 96428. | 14088. | 3739.2 | 5159.6 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S4 Acquired: 8/7/2024 14:33:54 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | .55197 | .34170 | 1.2795 | .49976 | .94562 | .61527 | 22.955 | 1.2989 |
| Stddev | .00527 | .00221 | .0176 | .00481 | .00997 | .00172 | .253 | .0063 |
| %RSD | .95538 | .64748 | 1.3774 | .96162 | 1.0542 | .27887 | 1.1006 | .48636 |
| #1 | .54667 | .33921 | 1.2629 | .49543 | .93694 | .61723 | 22.923 | 1.3058 |
| #2 | .55722 | .34342 | 1.2980 | .50493 | .95651 | .61403 | 22.720 | 1.2933 |
| #3 | .55201 | .34248 | 1.2776 | .49893 | .94342 | .61455 | 23.222 | 1.2976 |

| Elem | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 4.8081 | 1.4876 | .13070 | 2.9284 | 1.0160 | .03073 | 1.3214 | .24260 |
| Stddev | .0597 | .0032 | .00022 | .0376 | .0118 | .00023 | .0046 | .00043 |
| %RSD | 1.2417 | .21418 | .16832 | 1.2824 | 1.1628 | .74301 | .34599 | .17525 |
| #1 | 4.7513 | 1.4912 | .13095 | 2.8934 | 1.0056 | .03047 | 1.3262 | .24295 |
| #2 | 4.8703 | 1.4853 | .13062 | 2.9680 | 1.0288 | .03085 | 1.3172 | .24213 |
| #3 | 4.8026 | 1.4862 | .13053 | 2.9237 | 1.0135 | .03088 | 1.3209 | .24273 |

| 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 | 1.7735 | .26327 | .27677 | .23388 | 7.1092 | .15980 | 2.0891 | 5.9213 |
| Stddev | .0225 | .00056 | .00164 | .00096 | .0193 | .00106 | .0125 | .0635 |
| %RSD | 1.2691 | .21352 | .59348 | .41152 | .27187 | .66131 | .59697 | 1.0731 |
| #1 | 1.7531 | .26269 | .27487 | .23488 | 7.0923 | .15859 | 2.1035 | 5.8671 |
| #2 | 1.7977 | .26329 | .27766 | .23296 | 7.1303 | .16050 | 2.0808 | 5.9913 |
| #3 | 1.7698 | .26381 | .27777 | .23380 | 7.1049 | .16032 | 2.0831 | 5.9056 |

| 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 | .87072 | 1.6791 | .01500 | .24658 | .14548 | 2.5765 | 40.475 |
| Stddev | .01079 | .0027 | .00014 | .00263 | .00161 | .0075 | .185 |
| %RSD | 1.2397 | .16326 | .91050 | 1.0685 | 1.1039 | .28981 | .45654 |
| #1 | .86107 | 1.6822 | .01485 | .24392 | .14395 | 2.5843 | 40.560 |
| #2 | .88238 | 1.6778 | .01508 | .24919 | .14715 | 2.5695 | 40.263 |
| #3 | .86872 | 1.6773 | .01509 | .24662 | .14535 | 2.5756 | 40.602 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S4 Acquired: 8/7/2024 14:33:54 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2623.8 | 91190. | 13156. | 3567.6 | 4743.0 |
| Stddev | 21.8 | 410. | 65. | 19.8 | 41.4 |
| %RSD | .83260 | .44975 | .49735 | .55568 | .87213 |
| #1 | 2638.3 | 91656. | 13083. | 3589.2 | 4775.3 |
| #2 | 2598.7 | 91028. | 13210. | 3563.4 | 4696.4 |
| #3 | 2634.4 | 90885. | 13175. | 3550.2 | 4757.3 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S5 Acquired: 8/7/2024 14:38:15 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 1.0971 | .66775 | 2.5519 | .99060 | 1.8870 | 1.2095 | 45.169 | 2.5173 |
| Stddev | .0129 | .01083 | .0356 | .01177 | .0231 | .0038 | .197 | .0028 |
| %RSD | 1.1732 | 1.6219 | 1.3949 | 1.1879 | 1.2222 | .31190 | .43566 | .10992 |
| | | | | | | | | |
| #1 | 1.0865 | .65754 | 2.5220 | .98130 | 1.8689 | 1.2096 | 45.293 | 2.5173 |
| #2 | 1.0934 | .66661 | 2.5423 | .98667 | 1.8793 | 1.2057 | 44.942 | 2.5146 |
| #3 | 1.1114 | .67911 | 2.5913 | 1.0038 | 1.9130 | 1.2132 | 45.272 | 2.5201 |

| 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 | 9.5106 | 2.9212 | .25043 | 5.8476 | 1.9942 | .05852 | 2.5887 | .47765 |
| Stddev | .1327 | .0009 | .00052 | .0844 | .0248 | .00024 | .0074 | .00241 |
| %RSD | 1.3950 | .03096 | .20797 | 1.4429 | 1.2454 | .41792 | .28517 | .50508 |
| | | | | | | | | |
| #1 | 9.3945 | 2.9202 | .24989 | 5.7777 | 1.9770 | .05828 | 2.5912 | .47797 |
| #2 | 9.4820 | 2.9214 | .25093 | 5.8239 | 1.9829 | .05853 | 2.5804 | .47510 |
| #3 | 9.6552 | 2.9220 | .25046 | 5.9413 | 2.0227 | .05877 | 2.5945 | .47989 |

| Elem | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 3.5126 | .51115 | .54100 | .45854 | 13.390 | .31256 | 4.1294 | 11.740 |
| Stddev | .0511 | .00230 | .00193 | .00225 | .048 | .00127 | .0019 | .147 |
| %RSD | 1.4551 | .45076 | .35619 | .49133 | .36098 | .40538 | .04602 | 1.2534 |
| | | | | | | | | |
| #1 | 3.4695 | .50850 | .53891 | .46027 | 13.382 | .31117 | 4.1297 | 11.625 |
| #2 | 3.4991 | .51272 | .54136 | .45599 | 13.346 | .31287 | 4.1274 | 11.688 |
| #3 | 3.5691 | .51223 | .54271 | .45935 | 13.442 | .31364 | 4.1311 | 11.906 |

| 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 | 1.7240 | 3.3033 | .02883 | .49277 | .29370 | 5.1886 | 79.018 |
| Stddev | .0247 | .0052 | .00031 | .00608 | .00413 | .0230 | .147 |
| %RSD | 1.4334 | .15601 | 1.0889 | 1.2337 | 1.4062 | .44401 | .18562 |
| | | | | | | | |
| #1 | 1.7033 | 3.3052 | .02849 | .48834 | .29052 | 5.1993 | 79.087 |
| #2 | 1.7174 | 3.2975 | .02890 | .49026 | .29220 | 5.1622 | 79.117 |
| #3 | 1.7513 | 3.3072 | .02911 | .49970 | .29836 | 5.2043 | 78.849 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: S5 Acquired: 8/7/2024 14:38:15 Type: Cal
Method: NON EPA-6010-200.7(v2342) 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 | 2575.7 | 93628. | 13075. | 3550.9 | 4608.3 |
| Stddev | 24.8 | 355. | 29. | 9.4 | 51.3 |
| %RSD | .96163 | .37916 | .22008 | .26475 | 1.1142 |
| | | | | | |
| #1 | 2590.8 | 93917. | 13044. | 3559.2 | 4646.2 |
| #2 | 2589.2 | 93232. | 13082. | 3552.8 | 4628.9 |
| #3 | 2547.1 | 93736. | 13100. | 3540.7 | 4549.9 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICV01 Acquired: 8/7/2024 15:52:34 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .9030789 | .9994193 | .9541418 | .9164869 | .9371919 | 2.312478 |
| Stddev | .0123032 | .0090212 | .0123932 | .0100951 | .0133883 | .012006 |
| %RSD | 1.362364 | .9026447 | 1.298883 | 1.101497 | 1.428552 | .5191695 |
| #1 | .8963378 | .9945968 | .9476451 | .9109319 | .9304948 | 2.307183 |
| #2 | .8956195 | .9938343 | .9463478 | .9103892 | .9284737 | 2.326221 |
| #3 | .9172794 | 1.009827 | .9684326 | .9281394 | .9526073 | 2.304030 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4890079 | .4718164 | .4702097 | 9.778822 | .5207177 | .4874401 |
| Stddev | .0011548 | .0020018 | .0069672 | .032023 | .0036412 | .0073087 |
| %RSD | .2361566 | .4242748 | 1.481729 | .3274771 | .6992599 | 1.499396 |
| #1 | .4886452 | .4741117 | .4667800 | 9.742408 | .5248638 | .4839852 |
| #2 | .4880779 | .4709049 | .4656222 | 9.802599 | .5192492 | .4824994 |
| #3 | .4903005 | .4704325 | .4782270 | 9.791458 | .5180401 | .4958357 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4898263 | 10.04721 | .4933306 | 5.522499 | .4904687 | .2513103 |
| Stddev | .0068740 | .00889 | .0010841 | .008112 | .0068870 | .0009252 |
| %RSD | 1.403365 | .0885265 | .2197407 | .1468893 | 1.404175 | .3681299 |
| #1 | .4862795 | 10.04352 | .4942812 | 5.529776 | .4874334 | .2520870 |
| #2 | .4854501 | 10.04076 | .4935606 | 5.523968 | .4856207 | .2502867 |
| #3 | .4977493 | 10.05736 | .4921500 | 5.513753 | .4983520 | .2515571 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.46409 | .4752209 | 1.041797 | 10.33834 | 2.484759 | 2.713180 |
| Stddev | .02191 | .0014087 | .006502 | .03813 | .007065 | .036882 |
| %RSD | .2093649 | .2964270 | .6240729 | .3688311 | .2843230 | 1.359351 |
| #1 | 10.47969 | .4765357 | 1.049299 | 10.37732 | 2.492405 | 2.697512 |
| #2 | 10.43905 | .4737341 | 1.038286 | 10.30112 | 2.478473 | 2.686719 |
| #3 | 10.47355 | .4753929 | 1.037805 | 10.33657 | 2.483398 | 2.755309 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICV01 Acquired: 8/7/2024 15:52:34 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.627209 | 2.644031 | 2.290586 | F -.001106 | F -.003787 | F .0007870 |
| Stddev | .033581 | .009546 | .010957 | .002240 | .001686 | .0014464 |
| %RSD | 1.278210 | .3610518 | .4783402 | 202.4823 | 44.50727 | 183.7840 |
| | | | | | | |
| #1 | 2.612156 | 2.635647 | 2.303214 | .001046 | -.005584 | .0021798 |
| #2 | 2.603788 | 2.642024 | 2.284942 | -.003426 | -.002240 | -.000708 |
| #3 | 2.665683 | 2.654421 | 2.283602 | -.000939 | -.003538 | .000889 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 2.503018 |
| Stddev | .013131 |
| %RSD | .5246181 |
| | |
| #1 | 2.493502 |
| #2 | 2.497552 |
| #3 | 2.517999 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2848.217 | 94766.41 | 14260.01 | 3635.562 | 5333.102 |
| Stddev | 33.619 | 166.47 | 16.95 | 1.236 | 66.504 |
| %RSD | 1.180361 | .1756679 | .1188417 | .0339848 | 1.246995 |
| | | | | | |
| #1 | 2856.413 | 94651.36 | 14279.55 | 3636.338 | 5349.415 |
| #2 | 2876.981 | 94957.30 | 14251.13 | 3634.138 | 5389.931 |
| #3 | 2811.258 | 94690.58 | 14249.35 | 3636.211 | 5259.959 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LLICV01 Acquired: 8/7/2024 15:56:50 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0199173 | .0412116 | .0139037 | .0182834 | .0512344 | .1016224 |
| Stddev | .0011979 | .0010298 | .0001295 | .0021866 | .0006702 | .0081829 |
| %RSD | 6.014410 | 2.498839 | .9314088 | 11.95966 | 1.308083 | 8.052297 |
| #1 | .0194106 | .0402623 | .0138325 | .0179837 | .0518077 | .1048524 |
| #2 | .0212852 | .0410660 | .0140531 | .0206044 | .0504976 | .1076974 |
| #3 | .0190559 | .0423064 | .0138254 | .0162621 | .0513980 | .0923175 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1011584 | .0060026 | .0062540 | 2.042189 | .0092735 | .0295957 |
| Stddev | .0010129 | .0000466 | .0000506 | .000983 | .0001180 | .0001163 |
| %RSD | 1.001298 | .7765579 | .8088921 | .0481107 | 1.272923 | .3929419 |
| #1 | .1011654 | .0060084 | .0063007 | 2.041175 | .0093211 | .0294894 |
| #2 | .1021679 | .0060461 | .0062611 | 2.043137 | .0093603 | .0297199 |
| #3 | .1001421 | .0059534 | .0062003 | 2.042254 | .0091391 | .0295777 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0218889 | .0994735 | .0206221 | 2.103021 | .0400081 | .0086832 |
| Stddev | .0003883 | .0020440 | .0005404 | .026003 | .0003345 | .0001580 |
| %RSD | 1.774137 | 2.054825 | 2.620510 | 1.236477 | .8360794 | 1.819494 |
| #1 | .0216275 | .0972982 | .0207239 | 2.111325 | .0398290 | .0085016 |
| #2 | .0223352 | .0997679 | .0211044 | 2.123858 | .0403941 | .0087584 |
| #3 | .0217041 | .1013543 | .0200381 | 2.073879 | .0398014 | .0087896 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.728466 | .0414265 | .0414877 | 1.761238 | .1020511 | .2014149 |
| Stddev | .008672 | .0020017 | .0004565 | .011874 | .0016055 | .0004656 |
| %RSD | .5016959 | 4.831926 | 1.100360 | .6741853 | 1.573199 | .2311675 |
| #1 | 1.726288 | .0402529 | .0419986 | 1.753776 | .1019918 | .2009535 |
| #2 | 1.738019 | .0402889 | .0411198 | 1.774930 | .1036855 | .2014065 |
| #3 | 1.721091 | .0437377 | .0413445 | 1.755007 | .1004762 | .2018846 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LLICV01 Acquired: 8/7/2024 15:56:50 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0360339 | .0407602 | F .3107209 | .0167503 | F .3618586 | F -.000386 |
| Stddev | .0004319 | .0004408 | .0075832 | .0008820 | .0007694 | .003084 |
| %RSD | 1.198511 | 1.081510 | 2.440520 | 5.265722 | .2126119 | 799.7534 |
| | | | | | | |
| #1 | .0364601 | .0402513 | .3185578 | .0176212 | .3617138 | -.003905 |
| #2 | .0355966 | .0410254 | .3034198 | .0158576 | .3626901 | .000902 |
| #3 | .0360450 | .0410039 | .3101851 | .0167722 | .3611719 | .001846 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0207007 |
| Stddev | .0002214 |
| %RSD | 1.069670 |
| | |
| #1 | .0207790 |
| #2 | .0208723 |
| #3 | .0204507 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2727.532 | 102753.1 | 14016.35 | 3883.264 | 5023.178 |
| Stddev | 5.186 | 425.8 | 121.35 | 25.129 | 3.450 |
| %RSD | .1901477 | .4143512 | .8657586 | .6471116 | .0686726 |
| | | | | | |
| #1 | 2724.520 | 102356.3 | 13978.36 | 3860.156 | 5023.704 |
| #2 | 2724.556 | 103202.8 | 13918.55 | 3910.016 | 5019.496 |
| #3 | 2733.521 | 102700.1 | 14152.15 | 3879.619 | 5026.334 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICB01 Acquired: 8/7/2024 16:03:10 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0010981 | -.001049 | .0000753 | -.001993 | .0011316 | .0052669 | .0000791 |
| Stddev | .0004839 | .001993 | .0006541 | .000707 | .0014817 | .0034728 | .0003025 |
| %RSD | 44.06613 | 189.9114 | 868.9640 | 35.47145 | 130.9326 | 65.93627 | 382.2929 |
| #1 | .0010102 | .000522 | -.000243 | -.002810 | .0010281 | .0039577 | -.000207 |
| #2 | .0006642 | -.003290 | -.000359 | -.001588 | -.000296 | .0026390 | .000396 |
| #3 | .0016200 | -.000379 | .000828 | -.001582 | .002662 | .0092041 | .000048 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000590 | -.000040 | .0027290 | -.000032 | .0000633 | -.000551 | -.002134 |
| Stddev | .0000288 | .000046 | .0024173 | .000068 | .0000783 | .000113 | .002527 |
| %RSD | 48.84351 | 113.9391 | 88.57926 | 214.3455 | 123.7559 | 20.56950 | 118.4359 |
| #1 | .0000483 | .000011 | .0035296 | .000005 | -.000026 | -.000593 | -.001927 |
| #2 | .0000917 | -.000056 | .0046445 | .000010 | .000094 | -.000637 | -.004758 |
| #3 | .0000371 | -.000077 | .0000129 | -.000111 | .000122 | -.000423 | .000284 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000130 | -.017036 | -.000104 | .0000246 | -.028978 | .0020362 | -.000181 |
| Stddev | .000085 | .013959 | .000189 | .0000967 | .006203 | .0010825 | .000092 |
| %RSD | 64.81593 | 81.94168 | 181.4278 | 392.1975 | 21.40477 | 53.16080 | 50.85734 |
| #1 | -.000119 | -.029011 | -.000113 | .0000945 | -.036128 | .0032571 | -.000228 |
| #2 | -.000052 | -.001704 | .000089 | .0000651 | -.025762 | .0011936 | -.000075 |
| #3 | -.000220 | -.020392 | -.000290 | -.000086 | -.025043 | .0016579 | -.000240 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.065261 | .0009737 | .0000083 | -.000317 | .0001638 | -.005381 | -.001896 |
| Stddev | .010151 | .0004389 | .0001184 | .000174 | .0005730 | .004719 | .001899 |
| %RSD | 15.55480 | 45.08112 | 1429.061 | 55.00632 | 349.7663 | 87.68834 | 100.1663 |
| #1 | -.068400 | .0011567 | -.000003 | -.000192 | .0007575 | -.007648 | .000265 |
| #2 | -.073472 | .0004728 | .000132 | -.000242 | .0001197 | -.008539 | -.003300 |
| #3 | -.053911 | .0012915 | -.000104 | -.000516 | -.000386 | .000043 | -.002653 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICB01 Acquired: 8/7/2024 16:03:10 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002756 | .0016815 | -.000047 |
| Stddev | .001513 | .0004151 | .000018 |
| %RSD | 54.91331 | 24.68957 | 37.92174 |
| | | | |
| #1 | -.001020 | .0020797 | -.000044 |
| #2 | -.003796 | .0017134 | -.000030 |
| #3 | -.003452 | .0012513 | -.000065 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2770.575 | 101690.7 | 13622.01 | 3885.005 | 5185.570 |
| Stddev | 33.500 | 202.5 | 48.28 | 10.580 | 63.580 |
| %RSD | 1.209149 | .1991171 | .3544283 | .2723239 | 1.226089 |
| | | | | | |
| #1 | 2797.377 | 101718.7 | 13572.64 | 3886.054 | 5239.271 |
| #2 | 2733.018 | 101877.6 | 13624.28 | 3895.022 | 5115.366 |
| #3 | 2781.329 | 101475.6 | 13669.12 | 3873.940 | 5202.074 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CRI01 Acquired: 8/7/2024 16:07:38 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0197108 | .0392327 | .0145395 | .0178106 | .0505561 | .1061444 |
| Stddev | .0005312 | .0008550 | .0004863 | .0002455 | .0009011 | .0001508 |
| %RSD | 2.695182 | 2.179221 | 3.345038 | 1.378506 | 1.782314 | .1420294 |
| #1 | .0203120 | .0382910 | .0150414 | .0180700 | .0499658 | .1062098 |
| #2 | .0195156 | .0399602 | .0140703 | .0177798 | .0501093 | .1062513 |
| #3 | .0193047 | .0394470 | .0145067 | .0175819 | .0515933 | .1059719 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0997214 | .0062227 | .0062181 | 2.030023 | .0098461 | .0298811 |
| Stddev | .0008877 | .0000528 | .0000511 | .013646 | .0004388 | .0005899 |
| %RSD | .8902161 | .8483983 | .8223018 | .6722039 | 4.456016 | 1.974180 |
| #1 | .0998203 | .0062603 | .0062769 | 2.034432 | .0100499 | .0293902 |
| #2 | .1005555 | .0062454 | .0061931 | 2.040918 | .0101459 | .0297175 |
| #3 | .0987883 | .0061623 | .0061843 | 2.014717 | .0093426 | .0305355 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0222730 | .0970248 | .0211187 | 2.108968 | .0401303 | .0085538 |
| Stddev | .0003279 | .0023739 | .0001077 | .023442 | .0005754 | .0000745 |
| %RSD | 1.472313 | 2.446735 | .5099842 | 1.111562 | 1.433735 | .8706673 |
| #1 | .0219037 | .0971182 | .0212093 | 2.123142 | .0395503 | .0085024 |
| #2 | .0223849 | .0993506 | .0211472 | 2.121853 | .0401396 | .0085198 |
| #3 | .0225303 | .0946055 | .0209996 | 2.081909 | .0407009 | .0086392 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.753115 | .0399209 | .0421126 | 1.758269 | .0990384 | .2039760 |
| Stddev | .005364 | .0012803 | .0001862 | .029117 | .0006126 | .0012965 |
| %RSD | .3059540 | 3.207110 | .4421007 | 1.656020 | .6185423 | .6356319 |
| #1 | 1.749773 | .0408380 | .0419959 | 1.781060 | .0996144 | .2029726 |
| #2 | 1.759302 | .0404666 | .0420145 | 1.725467 | .0991058 | .2035156 |
| #3 | 1.750270 | .0384582 | .0423273 | 1.768281 | .0983948 | .2054400 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CRI01 Acquired: 8/7/2024 16:07:38 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0362068 | .0403067 | .3195116 | .0152129 | F .3600683 | F .0006077 |
| Stddev | .0001876 | .0008255 | .0053009 | .0016957 | .0037945 | .0008295 |
| %RSD | .5182120 | 2.048029 | 1.659057 | 11.14637 | 1.053832 | 136.5026 |
| | | | | | | |
| #1 | .0359996 | .0397378 | .3135527 | .0134853 | .3574387 | -.000172 |
| #2 | .0362557 | .0399289 | .3212792 | .0168748 | .3583480 | .001480 |
| #3 | .0363652 | .0412535 | .3237028 | .0152787 | .3644183 | .000515 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0205154 |
| Stddev | .0000772 |
| %RSD | .3763512 |
| | |
| #1 | .0205948 |
| #2 | .0204406 |
| #3 | .0205108 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2740.623 | 100828.1 | 13660.37 | 3862.786 | 5074.082 |
| Stddev | 15.277 | 154.9 | 59.54 | 19.678 | 26.078 |
| %RSD | .5574109 | .1536632 | .4358488 | .5094314 | .5139419 |
| | | | | | |
| #1 | 2747.865 | 100679.6 | 13607.84 | 3875.150 | 5084.206 |
| #2 | 2750.932 | 100988.8 | 13648.21 | 3873.115 | 5093.579 |
| #3 | 2723.073 | 100816.0 | 13725.05 | 3840.094 | 5044.460 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICSA01 Acquired: 8/7/2024 16:12:03 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0043502 | .0022998 | .0055536 | -.007634 | -.001839 | 265.7290 |
| Stddev | .0005076 | .0008634 | .0013983 | .001385 | .000797 | 2.0180 |
| %RSD | 11.66898 | 37.54104 | 25.17834 | 18.14548 | 43.32996 | .7594091 |
| | | | | | | |
| #1 | .0041309 | .0032921 | .0052466 | -.008419 | -.001782 | 265.1290 |
| #2 | .0039891 | .0017203 | .0070799 | -.008447 | -.002663 | 267.9790 |
| #3 | .0049306 | .0018870 | .0043343 | -.006034 | -.001073 | 264.0791 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0061369 | .0009273 | .0036998 | 253.1989 | .0567516 | .0028376 |
| Stddev | .0010812 | .0000364 | .0001636 | .8927 | .0009792 | .0001835 |
| %RSD | 17.61799 | 3.926106 | 4.423177 | .3525785 | 1.725319 | 6.465408 |
| | | | | | | |
| #1 | .0048896 | .0008883 | .0038390 | 252.3262 | .0564804 | .0029684 |
| #2 | .0067129 | .0009332 | .0037409 | 254.1103 | .0559366 | .0029165 |
| #3 | .0068081 | .0009604 | .0035195 | 253.1603 | .0578377 | .0026279 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0092688 | 101.8314 | .0161522 | 271.7230 | .0034326 | .0020449 |
| Stddev | .0020000 | 1.4458 | .0002444 | .7594 | .0000414 | .0001476 |
| %RSD | 21.57790 | 1.419784 | 1.513095 | .2794590 | 1.206179 | 7.216110 |
| | | | | | | |
| #1 | .0102252 | 101.2356 | .0159527 | 270.9491 | .0034804 | .0022132 |
| #2 | .0106111 | 100.7787 | .0160791 | 272.4669 | .0034063 | .0019377 |
| #3 | .0069702 | 103.4799 | .0164248 | 271.7530 | .0034113 | .0019838 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0175097 | .0052267 | .0022627 | -.048565 | .0124168 | .0000263 |
| Stddev | .0065281 | .0015288 | .0002201 | .022301 | .0022016 | .0003323 |
| %RSD | 37.28284 | 29.24881 | 9.726136 | 45.92063 | 17.73108 | 1261.996 |
| | | | | | | |
| #1 | .0125327 | .0034615 | .0020800 | -.026962 | .0113498 | -.000179 |
| #2 | .0249010 | .0061081 | .0025070 | -.071505 | .0109519 | -.000151 |
| #3 | .0150952 | .0061106 | .0022011 | -.047228 | .0149486 | .000410 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICSA01 Acquired: 8/7/2024 16:12:03 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002889 | -.002997 | .0164923 | .0014513 | F -.023256 | F .0309686 |
| Stddev | .000639 | .000311 | .0112694 | .0020443 | .001148 | .0005772 |
| %RSD | 22.13369 | 10.36208 | 68.33136 | 140.8658 | 4.934275 | 1.863766 |
| #1 | -.002282 | -.003330 | .0204948 | -.000231 | -.023284 | .0314555 |
| #2 | -.002829 | -.002716 | .0037680 | .003727 | -.022095 | .0311192 |
| #3 | -.003557 | -.002945 | .0252143 | .000858 | -.024390 | .0303310 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0034657 |
| Stddev | .0016210 |
| %RSD | 46.77307 |
| #1 | .0040063 |
| #2 | .0047472 |
| #3 | .0016434 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2438.168 | 87220.38 | 12754.86 | 3338.220 | 4257.823 |
| Stddev | 11.303 | 1079.16 | 30.48 | 36.659 | 19.259 |
| %RSD | .4635935 | 1.237275 | .2389350 | 1.098172 | .4523245 |
| #1 | 2433.545 | 87225.41 | 12727.18 | 3322.941 | 4250.897 |
| #2 | 2429.909 | 88297.01 | 12749.88 | 3380.048 | 4242.984 |
| #3 | 2451.050 | 86138.72 | 12787.52 | 3311.672 | 4279.587 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICSAB01 Acquired: 8/7/2024 16:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .1034045 | .1033269 | .0550785 | .0343896 | .6052752 | 249.9884 |
| Stddev | .0022474 | .0019889 | .0025807 | .0023067 | .0006830 | 2.2370 |
| %RSD | 2.173386 | 1.924886 | 4.685533 | 6.707589 | .1128485 | .8948453 |
| #1 | .1036191 | .1047659 | .0536326 | .0317522 | .6054322 | 252.2433 |
| #2 | .1055368 | .1041575 | .0580580 | .0353859 | .6058661 | 249.9522 |
| #3 | .1010575 | .1010573 | .0535448 | .0360307 | .6045274 | 247.7697 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .5156567 | .4943890 | .9677298 | 237.1691 | .5646960 | .5005156 |
| Stddev | .0042262 | .0015689 | .0002088 | 1.6405 | .0010681 | .0004370 |
| %RSD | .8195691 | .3173432 | .0215720 | .6916913 | .1891459 | .0873022 |
| #1 | .5198691 | .4951649 | .9674905 | 238.6323 | .5645275 | .5006763 |
| #2 | .5156841 | .4954189 | .9678745 | 237.4795 | .5637221 | .5008495 |
| #3 | .5114169 | .4925834 | .9678243 | 235.3956 | .5658383 | .5000211 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .4882216 | 101.1827 | .5103977 | 252.7847 | .9922725 | .2207981 |
| Stddev | .0009073 | .3931 | .0041154 | 1.7991 | .0005913 | .0001128 |
| %RSD | .1858330 | .3885327 | .8063058 | .7117154 | .0595948 | .0510831 |
| #1 | .4874016 | 101.5563 | .5139903 | 254.5422 | .9916993 | .2206761 |
| #2 | .4880670 | 100.7726 | .5112952 | 252.8653 | .9928805 | .2208196 |
| #3 | .4891963 | 101.2192 | .5059077 | 250.9467 | .9922379 | .2208986 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0030522 | .4868824 | 1.091999 | -.074180 | 1.010766 | 1.069326 |
| Stddev | .0063302 | .0023686 | .002685 | .012783 | .005245 | .000522 |
| %RSD | 207.4021 | .4864938 | .2458510 | 17.23184 | .5189265 | .0488089 |
| #1 | -.004232 | .4843264 | 1.095080 | -.060301 | 1.015411 | 1.069810 |
| #2 | .006165 | .4890033 | 1.090165 | -.085469 | 1.011810 | 1.069395 |
| #3 | .007224 | .4873175 | 1.090751 | -.076772 | 1.005077 | 1.068773 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: ICSAB01 Acquired: 8/7/2024 16:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 1.070895 | 1.052947 | .9607425 | F .0024513 | F -.021590 | F .0277107 |
| Stddev | .003193 | .010117 | .0074789 | .0003750 | .002548 | .0012621 |
| %RSD | .2981148 | .9608262 | .7784471 | 15.29965 | 11.79944 | 4.554639 |
| #1 | 1.074557 | 1.061018 | .9610614 | .0028699 | -.021321 | .0262552 |
| #2 | 1.068698 | 1.056227 | .9531093 | .0021459 | -.024262 | .0283733 |
| #3 | 1.069431 | 1.041598 | .9680568 | .0023380 | -.019188 | .0285034 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .8630054 |
| Stddev | .0071309 |
| %RSD | .8262888 |
| #1 | .8695092 |
| #2 | .8641267 |
| #3 | .8553802 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2472.824 | 84142.59 | 13110.23 | 3234.073 | 4344.851 |
| Stddev | 1.317 | 246.41 | 108.36 | 13.622 | 2.014 |
| %RSD | .0532596 | .2928424 | .8265595 | .4211994 | .0463561 |
| #1 | 2474.111 | 83858.39 | 13027.85 | 3218.695 | 4343.170 |
| #2 | 2472.883 | 84272.84 | 13069.85 | 3238.901 | 4347.084 |
| #3 | 2471.479 | 84296.53 | 13232.98 | 3244.624 | 4344.300 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV01 Acquired: 8/7/2024 16:20:52 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.912658 | 5.164469 | 5.059280 | 4.880384 | 4.930195 | 9.702629 | 10.02679 |
| Stddev | .027108 | .038689 | .029713 | .016113 | .025467 | .084490 | .06689 |
| %RSD | .5517945 | .7491391 | .5872990 | .3301665 | .5165517 | .8707994 | .6670916 |
| #1 | 4.892408 | 5.189896 | 5.059863 | 4.875250 | 4.922522 | 9.788042 | 10.04036 |
| #2 | 4.902111 | 5.119944 | 5.029279 | 4.867463 | 4.909446 | 9.700751 | 10.08585 |
| #3 | 4.943454 | 5.183567 | 5.088696 | 4.898439 | 4.958616 | 9.619093 | 9.95416 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2491685 | 2.493714 | 24.95708 | 1.005494 | 2.473895 | 1.231177 | 4.994595 |
| Stddev | .0019457 | .011200 | .09761 | .003612 | .011197 | .004537 | .065992 |
| %RSD | .7808728 | .4491391 | .3911053 | .3592646 | .4526101 | .3684904 | 1.321278 |
| #1 | .2494164 | 2.495821 | 25.05965 | 1.005445 | 2.475192 | 1.229685 | 4.985088 |
| #2 | .2509784 | 2.481610 | 24.94628 | 1.001907 | 2.462106 | 1.227573 | 4.933872 |
| #3 | .2471108 | 2.503711 | 24.86533 | 1.009131 | 2.484387 | 1.236271 | 5.064825 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.481258 | 24.57995 | 2.489347 | 1.244845 | 24.00242 | 2.460757 | 2.540427 |
| Stddev | .011603 | .09917 | .011257 | .006522 | .29339 | .017630 | .018328 |
| %RSD | .4676294 | .4034419 | .4522070 | .5239176 | 1.222354 | .7164442 | .7214523 |
| #1 | 2.493941 | 24.69446 | 2.489246 | 1.241743 | 24.04846 | 2.480989 | 2.542601 |
| #2 | 2.478657 | 24.52377 | 2.478141 | 1.240454 | 23.68872 | 2.452591 | 2.521109 |
| #3 | 2.471177 | 24.52164 | 2.500655 | 1.252339 | 24.27007 | 2.448690 | 2.557571 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.31878 | 4.900675 | 5.043403 | 5.004263 | 4.952676 | 4.854809 | 5.029217 |
| Stddev | .28646 | .042481 | .023999 | .024840 | .027025 | .071191 | .014775 |
| %RSD | 1.177934 | .8668494 | .4758526 | .4963719 | .5456679 | 1.466402 | .2937864 |
| #1 | 24.32445 | 4.908890 | 5.038566 | 5.008246 | 4.980192 | 4.879031 | 5.028853 |
| #2 | 24.02952 | 4.938449 | 5.022191 | 4.977672 | 4.951665 | 4.774667 | 5.014627 |
| #3 | 24.60236 | 4.854686 | 5.069453 | 5.026871 | 4.926170 | 4.910728 | 5.044170 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV01 Acquired: 8/7/2024 16:20:52 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.678984 | 4.702781 | 5.000227 |
| Stddev | .027234 | .034403 | .032942 |
| %RSD | .5820476 | .7315387 | .6588133 |
| | | | |
| #1 | 4.668624 | 4.739715 | 4.998141 |
| #2 | 4.658451 | 4.696980 | 5.034163 |
| #3 | 4.709878 | 4.671647 | 4.968378 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2707.043 | 94979.20 | 13456.56 | 3633.897 | 4904.021 |
| Stddev | 13.628 | 636.71 | 111.18 | 29.392 | 25.695 |
| %RSD | .5034337 | .6703665 | .8261790 | .8088395 | .5239613 |
| | | | | | |
| #1 | 2711.271 | 95147.28 | 13425.90 | 3635.693 | 4905.877 |
| #2 | 2718.056 | 95515.00 | 13363.93 | 3662.350 | 4928.739 |
| #3 | 2691.802 | 94275.31 | 13579.85 | 3603.648 | 4877.449 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB01 Acquired: 8/7/2024 16:25:11 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000546 | -.000461 | .0000196 | .0007940 | .0011534 | .0037589 | .0001135 |
| Stddev | .001727 | .001063 | .0008075 | .0009433 | .0015998 | .0014490 | .0010932 |
| %RSD | 316.3872 | 230.3910 | 4129.056 | 118.8056 | 138.7045 | 38.54926 | 963.6036 |
| #1 | .000196 | .000546 | .0006945 | -.000146 | .0012712 | .0023405 | .0013202 |
| #2 | -.002520 | -.000358 | -.000875 | .000788 | -.000502 | .0052368 | -.000169 |
| #3 | .000686 | -.001572 | .000239 | .001740 | .002691 | .0036994 | -.000811 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000152 | -.000037 | -.000882 | -.000035 | .0000293 | -.000218 | .0002195 |
| Stddev | .0000543 | .000052 | .006435 | .000026 | .0000909 | .000233 | .0018567 |
| %RSD | 356.5653 | 142.7768 | 729.1854 | 73.04194 | 310.7050 | 107.1247 | 845.7352 |
| #1 | -.000022 | -.000026 | -.007367 | -.000015 | -.000009 | .000047 | .0021840 |
| #2 | -.000010 | -.000093 | -.000782 | -.000064 | -.000036 | -.000395 | -.001506 |
| #3 | .000078 | .000010 | .005501 | -.000026 | .000133 | -.000305 | -.000019 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000100 | -.008604 | -.000115 | .0002679 | -.042584 | -.000218 | -.000029 |
| Stddev | .000271 | .003804 | .000087 | .0000408 | .004393 | .002667 | .000083 |
| %RSD | 272.0284 | 44.20872 | 75.55469 | 15.21585 | 10.31701 | 1221.148 | 281.1681 |
| #1 | -.000214 | -.011571 | -.000088 | .0002893 | -.045734 | .002816 | -.000068 |
| #2 | .000210 | -.009923 | -.000045 | .0002209 | -.037565 | -.002191 | -.000087 |
| #3 | -.000295 | -.004316 | -.000212 | .0002934 | -.044455 | -.001280 | .000066 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.087886 | .0101936 | .0003458 | -.000356 | .0001129 | .0019828 | -.004295 |
| Stddev | .022681 | .0005726 | .0001345 | .000085 | .0004878 | .0057886 | .001988 |
| %RSD | 25.80772 | 5.616949 | 38.90373 | 23.99084 | 432.0142 | 291.9465 | 46.28682 |
| #1 | -.082357 | .0098175 | .0003175 | -.000453 | .0005568 | -.001513 | -.006590 |
| #2 | -.068480 | .0108526 | .0002277 | -.000320 | -.000409 | .008665 | -.003119 |
| #3 | -.112820 | .0099109 | .0004923 | -.000293 | .000191 | -.001204 | -.003175 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB01 Acquired: 8/7/2024 16:25:11 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002144 | -.000985 | -.000002 |
| Stddev | .000401 | .001136 | .000029 |
| %RSD | 18.69129 | 115.3111 | 1557.269 |
| | | | |
| #1 | -.002047 | .000279 | -.000034 |
| #2 | -.002585 | -.001920 | .000023 |
| #3 | -.001801 | -.001314 | .000005 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2692.644 | 99302.72 | 13935.52 | 3798.022 | 4983.160 |
| Stddev | 11.142 | 351.10 | 167.90 | 4.435 | 12.223 |
| %RSD | .4137781 | .3535688 | 1.204846 | .1167699 | .2452919 |
| | | | | | |
| #1 | 2703.457 | 99072.58 | 13755.12 | 3793.196 | 4991.609 |
| #2 | 2693.275 | 99706.84 | 13964.22 | 3798.950 | 4988.726 |
| #3 | 2681.200 | 99128.75 | 14087.22 | 3801.919 | 4969.144 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: PB162493BL Acquired: 8/7/2024 16:29:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000448 | -.000641 | -.000538 | .0009980 | .0002932 | .0069561 | .0006022 |
| Stddev | .001231 | .000506 | .000394 | .0016452 | .0012463 | .0066711 | .0006090 |
| %RSD | 274.8502 | 79.05617 | 73.21376 | 164.8533 | 425.0530 | 95.90250 | 101.1350 |
| #1 | .000974 | -.000405 | -.000600 | .0004446 | .0016211 | .0092985 | .0003464 |
| #2 | -.001147 | -.001222 | -.000116 | .0028485 | -.000851 | .0121401 | .0012974 |
| #3 | -.001171 | -.000295 | -.000896 | -.000299 | .000110 | -.000570 | .0001628 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000136 | .0000194 | -.000962 | -.000285 | .0001713 | -.000421 | -.002589 |
| Stddev | .0000490 | .0001002 | .002537 | .000185 | .0001261 | .000200 | .002895 |
| %RSD | 360.2685 | 517.4567 | 263.7881 | 64.83224 | 73.63253 | 47.48296 | 111.8476 |
| #1 | -.000029 | .0000514 | .001966 | -.000489 | .0001468 | -.000190 | .000358 |
| #2 | .000067 | -.000093 | -.002517 | -.000131 | .0000592 | -.000530 | -.002695 |
| #3 | .000003 | .000100 | -.002334 | -.000234 | .0003078 | -.000543 | -.005430 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000149 | -.005720 | -.000103 | .0001669 | -.041288 | -.000180 | -.000125 |
| Stddev | .000044 | .001989 | .000010 | .0000964 | .008143 | .001384 | .000056 |
| %RSD | 29.46831 | 34.76293 | 9.408037 | 57.75904 | 19.72307 | 768.1075 | 44.31408 |
| #1 | -.000110 | -.006025 | -.000114 | .0000558 | -.047031 | .001365 | -.000179 |
| #2 | -.000140 | -.003597 | -.000095 | .0002161 | -.044863 | -.000599 | -.000068 |
| #3 | -.000196 | -.007539 | -.000100 | .0002289 | -.031968 | -.001306 | -.000130 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.086089 | .0035532 | -.000010 | -.003393 | .0000661 | -.009504 | -.003128 |
| Stddev | .025392 | .0000986 | .000036 | .000123 | .0006103 | .006857 | .000489 |
| %RSD | 29.49547 | 2.775010 | 354.4600 | 3.614317 | 923.1028 | 72.14688 | 15.63573 |
| #1 | -.062363 | .0036491 | .000022 | -.003400 | -.000311 | -.002775 | -.002945 |
| #2 | -.112871 | .0034521 | -.000004 | -.003511 | .000770 | -.016481 | -.002756 |
| #3 | -.083034 | .0035585 | -.000048 | -.003266 | -.000261 | -.009256 | -.003682 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: PB162493BL Acquired: 8/7/2024 16:29:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002425 | .0000643 | -.000055 |
| Stddev | .001883 | .0006262 | .000021 |
| %RSD | 77.65365 | 973.8152 | 37.57750 |
| | | | |
| #1 | -.004566 | .0007793 | -.000076 |
| #2 | -.001680 | -.000386 | -.000034 |
| #3 | -.001028 | -.000200 | -.000054 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2725.605 | 103022.5 | 13430.38 | 3874.155 | 5078.942 |
| Stddev | 13.986 | 297.1 | 32.97 | 6.308 | 23.158 |
| %RSD | .5131251 | .2884312 | .2454885 | .1628261 | .4559612 |
| | | | | | |
| #1 | 2741.719 | 102855.0 | 13419.58 | 3873.541 | 5105.509 |
| #2 | 2718.481 | 102846.9 | 13467.39 | 3868.176 | 5063.024 |
| #3 | 2716.617 | 103365.6 | 13404.16 | 3880.748 | 5068.294 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: PB162493BS Acquired: 8/7/2024 16:34:08 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7808905 | 2.001473 | .9981728 | 1.953020 | .8053177 | 2.046667 |
| Stddev | .0072820 | .022193 | .0097117 | .020293 | .0087633 | .007235 |
| %RSD | .9325207 | 1.108825 | .9729494 | 1.039074 | 1.088179 | .3535122 |
| | | | | | | |
| #1 | .7851177 | 2.015521 | 1.004008 | 1.963541 | .8096550 | 2.052267 |
| #2 | .7724821 | 1.975888 | .986962 | 1.929626 | .7952315 | 2.049236 |
| #3 | .7850718 | 2.013010 | 1.003549 | 1.965892 | .8110664 | 2.038498 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2001124 | .2166001 | .1974336 | 1.077592 | .4093574 | .2005799 |
| Stddev | .0002638 | .0002711 | .0019637 | .004525 | .0010359 | .0016302 |
| %RSD | .1318210 | .1251635 | .9946284 | .4199426 | .2530491 | .8127212 |
| | | | | | | |
| #1 | .2003700 | .2167267 | .1986189 | 1.073015 | .4081740 | .2013653 |
| #2 | .1998428 | .2167848 | .1951669 | 1.082064 | .4097987 | .1987057 |
| #3 | .2001245 | .2162889 | .1985151 | 1.077697 | .4100996 | .2016687 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3090651 | 2.870622 | .2088188 | 2.009026 | .5118825 | .0742360 |
| Stddev | .0022256 | .017105 | .0003764 | .010307 | .0052592 | .0003266 |
| %RSD | .7201015 | .5958624 | .1802649 | .5130392 | 1.027418 | .4399261 |
| | | | | | | |
| #1 | .3098912 | 2.857621 | .2084364 | 1.997426 | .5155433 | .0744584 |
| #2 | .3065446 | 2.864246 | .2088310 | 2.017132 | .5058559 | .0743885 |
| #3 | .3107596 | 2.890000 | .2091890 | 2.012520 | .5142483 | .0738611 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.670684 | .3037496 | .2118791 | 9.076245 | .3147306 | .4084700 |
| Stddev | .011959 | .0036181 | .0004818 | .037459 | .0013773 | .0036871 |
| %RSD | .4477782 | 1.191151 | .2274062 | .4127145 | .4375990 | .9026538 |
| | | | | | | |
| #1 | 2.662258 | .3078387 | .2113388 | 9.043200 | .3162293 | .4107537 |
| #2 | 2.665424 | .3009633 | .2120341 | 9.068598 | .3135206 | .4042164 |
| #3 | 2.684372 | .3024468 | .2122643 | 9.116938 | .3144418 | .4104398 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: PB162493BS Acquired: 8/7/2024 16:34:08 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7127224 | .2040740 | F .7285804 | 6.097537 | F -.009579 | .1878850 |
| Stddev | .0066863 | .0015594 | .0064506 | .059453 | .002145 | .0007188 |
| %RSD | .9381409 | .7641207 | .8853636 | .9750310 | 22.39004 | .3825769 |
| | | | | | | |
| #1 | .7165983 | .2037543 | .7242202 | 6.127320 | -.007107 | .1873319 |
| #2 | .7050017 | .2057684 | .7359904 | 6.029079 | -.010687 | .1876255 |
| #3 | .7165673 | .2026992 | .7255307 | 6.136212 | -.010943 | .1886975 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1994314 |
| Stddev | .0001396 |
| %RSD | .0700203 |
| | |
| #1 | .1995776 |
| #2 | .1994172 |
| #3 | .1992994 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2614.879 | 94859.32 | 12405.14 | 3687.233 | 4811.891 |
| Stddev | 23.943 | 436.43 | 8.49 | 21.962 | 43.558 |
| %RSD | .9156405 | .4600852 | .0684521 | .5956119 | .9052086 |
| | | | | | |
| #1 | 2598.087 | 95265.25 | 12408.03 | 3711.790 | 4779.962 |
| #2 | 2642.296 | 94914.99 | 12395.59 | 3669.474 | 4861.511 |
| #3 | 2604.255 | 94397.72 | 12411.82 | 3680.436 | 4794.200 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3426-01 Acquired: 8/7/2024 16:38:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000212 | -.005462 | -.001207 | -.001205 | .0010930 | .0371886 | .3523920 |
| Stddev | .001091 | .000999 | .002045 | .001455 | .0004277 | .0041502 | .0011550 |
| %RSD | 515.6621 | 18.29751 | 169.3579 | 120.7773 | 39.13242 | 11.15996 | .3277609 |
| #1 | -.000944 | -.006378 | -.001177 | -.001819 | .0007301 | .0324663 | .3511132 |
| #2 | -.000733 | -.005612 | -.003266 | .000457 | .0009843 | .0388428 | .3533592 |
| #3 | .001042 | -.004396 | .000822 | -.002253 | .0015646 | .0402566 | .3527037 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000511 | .0001165 | 53.21883 | .0021488 | .0023391 | -.001401 | 6.263706 |
| Stddev | .000036 | .0001099 | .05924 | .0005035 | .0000594 | .000343 | .036998 |
| %RSD | 7.031416 | 94.34884 | .1113123 | 23.43211 | 2.537969 | 24.51669 | .5906688 |
| #1 | -.000546 | .0001762 | 53.15047 | .0026379 | .0023655 | -.001018 | 6.226261 |
| #2 | -.000513 | .0001836 | 53.25102 | .0021765 | .0022712 | -.001681 | 6.300240 |
| #3 | -.000474 | -.000010 | 53.25501 | .0016320 | .0023807 | -.001504 | 6.264618 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.59163 | 18.02123 | .0040720 | .0005117 | 258.2646 | -.000018 | .0438305 |
| Stddev | .02696 | .04751 | .0003236 | .0001152 | 2.6068 | .000280 | .0001472 |
| %RSD | .2545666 | .2636495 | 7.946919 | 22.50447 | 1.009360 | 1525.014 | .3359001 |
| #1 | 10.56131 | 17.96694 | .0039718 | .0003850 | 256.2937 | -.000327 | .0437788 |
| #2 | 10.61289 | 18.04157 | .0038104 | .0006100 | 261.2204 | .000219 | .0439966 |
| #3 | 10.60070 | 18.05519 | .0044339 | .0005402 | 257.2798 | .000053 | .0437161 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.650645 | .1599309 | .0005663 | -.005598 | -.001298 | 6.152677 | .0976824 |
| Stddev | .003463 | .0008598 | .0001062 | .000183 | .000514 | .023754 | .0013345 |
| %RSD | .0358881 | .5375796 | 18.74552 | 3.265316 | 39.59063 | .3860819 | 1.366135 |
| #1 | 9.646691 | .1608867 | .0005309 | -.005696 | -.001275 | 6.129730 | .0971603 |
| #2 | 9.653141 | .1592207 | .0004823 | -.005711 | -.000796 | 6.177164 | .0966880 |
| #3 | 9.652102 | .1596852 | .0006856 | -.005387 | -.001823 | 6.151137 | .0991990 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3426-01 Acquired: 8/7/2024 16:38:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .9636732 | .0081722 | .3822318 |
| Stddev | .0028355 | .0012342 | .0002243 |
| %RSD | .2942363 | 15.10184 | .0586869 |
| | | | |
| #1 | .9613071 | .0083871 | .3820093 |
| #2 | .9628965 | .0092848 | .3822285 |
| #3 | .9668161 | .0068447 | .3824578 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2674.809 | 93248.87 | 13266.65 | 3509.283 | 4829.631 |
| Stddev | 4.989 | 95.77 | 29.48 | 19.402 | 9.798 |
| %RSD | .1865272 | .1027034 | .2221857 | .5528757 | .2028759 |
| | | | | | |
| #1 | 2673.175 | 93343.91 | 13247.60 | 3530.988 | 4829.963 |
| #2 | 2680.411 | 93152.39 | 13300.60 | 3493.623 | 4839.259 |
| #3 | 2670.842 | 93250.30 | 13251.75 | 3503.239 | 4819.671 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3426-02 Acquired: 8/7/2024 16:42:53 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000490 | -.006103 | -.002108 | -.000703 | .0000561 | .0257911 | .3580549 |
| Stddev | .002360 | .001160 | .000246 | .000705 | .0004275 | .0094509 | .0003589 |
| %RSD | 481.6664 | 19.00409 | 11.66966 | 100.2905 | 762.4141 | 36.64410 | .1002265 |
| #1 | -.003215 | -.007441 | -.002094 | -.000735 | .0004969 | .0347257 | .3584225 |
| #2 | .000904 | -.005490 | -.001870 | -.001392 | -.000357 | .0158971 | .3577055 |
| #3 | .000841 | -.005379 | -.002361 | .000017 | .000028 | .0267504 | .3580368 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000586 | -.000005 | 54.78151 | .0020533 | .0023294 | -.001733 | 6.291298 |
| Stddev | .000031 | .000024 | .26397 | .0000972 | .0000913 | .000521 | .063112 |
| %RSD | 5.243525 | 485.6166 | .4818682 | 4.733700 | 3.921339 | 30.07481 | 1.003165 |
| #1 | -.000593 | .000011 | 54.48160 | .0021608 | .0023662 | -.002334 | 6.356543 |
| #2 | -.000613 | -.000033 | 54.97863 | .0020274 | .0023966 | -.001412 | 6.230561 |
| #3 | -.000552 | .000007 | 54.88429 | .0019716 | .0022254 | -.001453 | 6.286790 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.87705 | 18.57561 | .0030825 | .0003625 | 268.3776 | .0011017 | .0210206 |
| Stddev | .02528 | .04462 | .0000139 | .0003509 | 1.3300 | .0011570 | .0005557 |
| %RSD | .2324064 | .2402094 | .4517601 | 96.82103 | .4955695 | 105.0215 | 2.643654 |
| #1 | 10.84819 | 18.52427 | .0030961 | .0007677 | 269.6088 | .0020728 | .0216481 |
| #2 | 10.89525 | 18.60496 | .0030682 | .0001590 | 266.9670 | .0014106 | .0205904 |
| #3 | 10.88772 | 18.59761 | .0030833 | .0001607 | 268.5570 | -.000178 | .0208234 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.924574 | .1663703 | .0007133 | -.005946 | -.001276 | 6.305781 | .1006222 |
| Stddev | .124233 | .0001332 | .0001707 | .000076 | .000540 | .093741 | .0022556 |
| %RSD | 1.251774 | .0800750 | 23.92390 | 1.282885 | 42.33808 | 1.486582 | 2.241669 |
| #1 | 10.06268 | .1663979 | .0007755 | -.005970 | -.000853 | 6.410302 | .0980943 |
| #2 | 9.82193 | .1664875 | .0005203 | -.005860 | -.001885 | 6.229153 | .1013429 |
| #3 | 9.88911 | .1662254 | .0008442 | -.006007 | -.001091 | 6.277888 | .1024294 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3426-02 Acquired: 8/7/2024 16:42:53 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .9555456 | .0078294 | .3906363 |
| Stddev | .0044152 | .0017045 | .0007920 |
| %RSD | .4620586 | 21.77009 | .2027335 |
| | | | |
| #1 | .9511205 | .0065017 | .3903996 |
| #2 | .9555657 | .0097515 | .3899897 |
| #3 | .9599508 | .0072351 | .3915197 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2610.191 | 90466.85 | 12800.29 | 3422.962 | 4716.864 |
| Stddev | 25.973 | 998.25 | 39.20 | 23.524 | 44.489 |
| %RSD | .9950639 | 1.103439 | .3062505 | .6872397 | .9431831 |
| | | | | | |
| #1 | 2639.470 | 89331.33 | 12834.05 | 3397.526 | 4766.093 |
| #2 | 2601.183 | 91206.18 | 12757.30 | 3443.935 | 4704.961 |
| #3 | 2589.922 | 90863.05 | 12809.53 | 3427.424 | 4679.537 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-01 Acquired: 8/7/2024 16:47:26 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000750 | -.006773 | .0070430 | .0005133 | .0010306 | .0177449 | .4019297 |
| Stddev | .000522 | .001386 | .0011814 | .0011905 | .0009558 | .0079030 | .0001082 |
| %RSD | 69.52572 | 20.46137 | 16.77477 | 231.9163 | 92.74687 | 44.53704 | .0269294 |
| #1 | -.001095 | -.007267 | .0060414 | .0013346 | -.000072 | .0121433 | .4018885 |
| #2 | -.000150 | -.005208 | .0067416 | -.000852 | .001534 | .0267846 | .4020524 |
| #3 | -.001005 | -.007845 | .0083459 | .001057 | .001630 | .0143067 | .4018481 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000771 | .0000690 | 60.14683 | .0018806 | .0017505 | -.002437 | 6.673150 |
| Stddev | .000053 | .0000536 | .21325 | .0002134 | .0001533 | .000162 | .039621 |
| %RSD | 6.902121 | 77.65524 | .3545420 | 11.34527 | 8.755619 | 6.650231 | .5937349 |
| #1 | -.000817 | .0000801 | 60.24988 | .0019469 | .0016123 | -.002256 | 6.699079 |
| #2 | -.000784 | .0000107 | 59.90164 | .0020529 | .0017240 | -.002486 | 6.627542 |
| #3 | -.000713 | .0001161 | 60.28898 | .0016419 | .0019153 | -.002569 | 6.692828 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.64142 | 20.43264 | .0030307 | .0003374 | 287.6184 | .0010351 | .0545054 |
| Stddev | .03793 | .11343 | .0000615 | .0003622 | .0432 | .0008206 | .0001368 |
| %RSD | .2780488 | .5551179 | 2.029905 | 107.3634 | .0150298 | 79.27637 | .2510230 |
| #1 | 13.65007 | 20.43969 | .0030838 | -.000027 | 287.6652 | .0006216 | .0543820 |
| #2 | 13.59991 | 20.31586 | .0029633 | .000697 | 287.5800 | .0005035 | .0544818 |
| #3 | 13.67428 | 20.54238 | .0030450 | .000342 | 287.6099 | .0019802 | .0546526 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.24239 | .1631266 | .0005821 | -.005434 | -.000982 | 6.005074 | .0722973 |
| Stddev | .03577 | .0002438 | .0002823 | .000188 | .000705 | .017495 | .0025379 |
| %RSD | .3492089 | .1494550 | 48.50341 | 3.452675 | 71.80582 | .2913348 | 3.510397 |
| #1 | 10.28102 | .1629533 | .0005098 | -.005300 | -.001389 | 6.023149 | .0748491 |
| #2 | 10.23572 | .1630212 | .0003429 | -.005648 | -.001390 | 5.988223 | .0722694 |
| #3 | 10.21042 | .1634054 | .0008935 | -.005353 | -.000168 | 6.003851 | .0697735 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-01 Acquired: 8/7/2024 16:47:26 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 1.112802 | .0093898 | .4379797 |
| Stddev | .003730 | .0020191 | .0005533 |
| %RSD | .3352349 | 21.50344 | .1263417 |
| | | | |
| #1 | 1.115033 | .0087351 | .4384928 |
| #2 | 1.114879 | .0116551 | .4373934 |
| #3 | 1.108496 | .0077793 | .4380529 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2599.467 | 92466.81 | 13102.85 | 3466.613 | 4688.954 |
| Stddev | 2.972 | 309.21 | 12.50 | 10.512 | 3.162 |
| %RSD | .1143479 | .3344027 | .0954062 | .3032442 | .0674405 |
| | | | | | |
| #1 | 2596.733 | 92190.87 | 13090.01 | 3454.739 | 4689.921 |
| #2 | 2602.631 | 92801.01 | 13114.98 | 3470.372 | 4691.519 |
| #3 | 2599.037 | 92408.56 | 13103.57 | 3474.730 | 4685.421 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-02 Acquired: 8/7/2024 16:51:56 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0082656 | -.003927 | .0040157 | -.001074 | .0009317 | .3728868 | .1994166 |
| Stddev | .0009349 | .001135 | .0003620 | .000360 | .0011083 | .0009077 | .0009232 |
| %RSD | 11.31119 | 28.90945 | 9.014479 | 33.51546 | 118.9620 | .2434164 | .4629664 |
| #1 | .0093058 | -.003966 | .0036001 | -.001400 | -.000250 | .3721281 | .1991080 |
| #2 | .0074954 | -.002773 | .0042620 | -.000688 | .001949 | .3726399 | .1986872 |
| #3 | .0079956 | -.005043 | .0041851 | -.001134 | .001096 | .3738924 | .2004546 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000003 | .0001250 | 17.61960 | .0042093 | .0109372 | .0090503 | 17.29884 |
| Stddev | .000031 | .0000783 | .05736 | .0001724 | .0000994 | .0003145 | .02742 |
| %RSD | 930.7606 | 62.62651 | .3255226 | 4.095405 | .9086101 | 3.474573 | .1585088 |
| #1 | .000012 | .0002152 | 17.57024 | .0044041 | .0108246 | .0093240 | 17.27979 |
| #2 | .000018 | .0000740 | 17.60605 | .0040766 | .0109742 | .0087068 | 17.33027 |
| #3 | -.000039 | .0000858 | 17.68252 | .0041471 | .0110127 | .0091200 | 17.28646 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.554199 | 5.963367 | .0185962 | .0005930 | 84.61980 | .0049921 | .0353836 |
| Stddev | .011083 | .023734 | .0002516 | .0000931 | .17217 | .0021315 | .0004033 |
| %RSD | .4339322 | .3979940 | 1.353035 | 15.69704 | .2034598 | 42.69838 | 1.139765 |
| #1 | 2.549796 | 5.961277 | .0185999 | .0006797 | 84.76965 | .0069160 | .0351134 |
| #2 | 2.545993 | 5.940747 | .0188459 | .0006047 | 84.65802 | .0053596 | .0358472 |
| #3 | 2.566807 | 5.988077 | .0183428 | .0004947 | 84.43173 | .0027007 | .0351903 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.374969 | .0534888 | .0007948 | -.004582 | .0059420 | 6.362613 | .3869256 |
| Stddev | .011332 | .0002927 | .0001241 | .000478 | .0005087 | .026129 | .0008229 |
| %RSD | .2590223 | .5472598 | 15.61489 | 10.42404 | 8.561977 | .4106652 | .2126677 |
| #1 | 4.363555 | .0531540 | .0006567 | -.004725 | .0062076 | 6.376644 | .3860395 |
| #2 | 4.386217 | .0536161 | .0008308 | -.004049 | .0062629 | 6.378729 | .3876657 |
| #3 | 4.375135 | .0536963 | .0008969 | -.004971 | .0053554 | 6.332466 | .3870716 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-02 Acquired: 8/7/2024 16:51:56 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 1.799009 | .0014037 | .0971995 |
| Stddev | .012474 | .0015953 | .0005500 |
| %RSD | .6933959 | 113.6537 | .5658863 |
| | | | |
| #1 | 1.787638 | .0021781 | .0973222 |
| #2 | 1.797037 | -.000431 | .0965985 |
| #3 | 1.812352 | .002464 | .0976778 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2658.866 | 95254.32 | 13276.32 | 3579.822 | 4922.456 |
| Stddev | 8.496 | 103.65 | 50.99 | 7.949 | 16.696 |
| %RSD | .3195164 | .1088190 | .3840322 | .2220408 | .3391855 |
| | | | | | |
| #1 | 2652.887 | 95291.91 | 13317.32 | 3588.934 | 4926.323 |
| #2 | 2668.591 | 95137.12 | 13292.41 | 3576.214 | 4936.879 |
| #3 | 2655.120 | 95333.94 | 13219.23 | 3574.316 | 4904.165 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-03 Acquired: 8/7/2024 16:56:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0035015 | -.006290 | .0016930 | -.004169 | .0016748 | .2850601 | .4843593 |
| Stddev | .0004677 | .000866 | .0005504 | .001694 | .0019255 | .0052953 | .0010686 |
| %RSD | 13.35759 | 13.76447 | 32.50663 | 40.62917 | 114.9640 | 1.857603 | .2206267 |
| #1 | .0039187 | -.005290 | .0013318 | -.002937 | -.000426 | .2893896 | .4843338 |
| #2 | .0035898 | -.006795 | .0023264 | -.003469 | .003355 | .2866345 | .4854405 |
| #3 | .0029959 | -.006784 | .0014209 | -.006100 | .002096 | .2791561 | .4833037 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000417 | .0004729 | 60.03829 | .0027674 | .0031132 | .0037211 | 38.40279 |
| Stddev | .000021 | .0000613 | .19444 | .0003001 | .0001321 | .0003527 | .11513 |
| %RSD | 4.942519 | 12.95891 | .3238566 | 10.84517 | 4.241854 | 9.479076 | .2997892 |
| #1 | -.000394 | .0005001 | 59.88892 | .0026609 | .0029796 | .0033654 | 38.36042 |
| #2 | -.000423 | .0005159 | 60.25814 | .0031062 | .0031164 | .0037271 | 38.53310 |
| #3 | -.000433 | .0004028 | 59.96781 | .0025350 | .0032436 | .0040707 | 38.31485 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 13.81421 | 20.07680 | .0106638 | .0037669 | 280.5210 | .0149991 | .1017343 |
| Stddev | .03526 | .03526 | .0002032 | .0004568 | 1.4971 | .0022367 | .0003394 |
| %RSD | .2552797 | .1756081 | 1.905346 | 12.12749 | .5336902 | 14.91251 | .3336009 |
| #1 | 13.82162 | 20.05289 | .0104344 | .0032396 | 280.5113 | .0124647 | .1018578 |
| #2 | 13.84518 | 20.11729 | .0108211 | .0040201 | 282.0229 | .0166973 | .1019947 |
| #3 | 13.77583 | 20.06023 | .0107358 | .0040412 | 279.0288 | .0158354 | .1013505 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 10.35596 | .1536551 | .0008065 | -.002419 | .0068411 | 7.355204 | .2677020 |
| Stddev | .05507 | .0007144 | .0002843 | .000583 | .0008349 | .028485 | .0024112 |
| %RSD | .5317501 | .4649480 | 35.25381 | 24.11416 | 12.20397 | .3872774 | .9006864 |
| #1 | 10.36308 | .1536904 | .0005965 | -.001932 | .0077393 | 7.362512 | .2654494 |
| #2 | 10.40712 | .1543512 | .0006930 | -.002260 | .0066952 | 7.379323 | .2674111 |
| #3 | 10.29768 | .1529237 | .0011300 | -.003066 | .0060887 | 7.323777 | .2702454 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3429-03 Acquired: 8/7/2024 16:56:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .9988808 | .0059557 | .4292358 |
| Stddev | .0100256 | .0003119 | .0019472 |
| %RSD | 1.003687 | 5.236537 | .4536480 |
| | | | |
| #1 | .9876860 | .0062915 | .4303412 |
| #2 | 1.007032 | .0056752 | .4303789 |
| #3 | 1.001925 | .0059005 | .4269875 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2570.799 | 89259.54 | 12951.64 | 3400.080 | 4635.107 |
| Stddev | 16.443 | 189.68 | 26.96 | 2.125 | 27.761 |
| %RSD | .6396218 | .2124999 | .2081477 | .0624956 | .5989381 |
| | | | | | |
| #1 | 2588.870 | 89265.96 | 12944.54 | 3397.955 | 4665.300 |
| #2 | 2566.807 | 89066.74 | 12928.94 | 3402.205 | 4629.335 |
| #3 | 2556.719 | 89445.93 | 12981.44 | 3400.080 | 4610.685 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01 Acquired: 8/7/2024 17:00:48 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.001741 | -.004326 | .0008645 | .0010573 | .0014085 | .1017045 | .1178899 |
| Stddev | .001023 | .000423 | .0010675 | .0000576 | .0002733 | .0033275 | .0010116 |
| %RSD | 58.74943 | 9.768777 | 123.4758 | 5.452394 | 19.40076 | 3.271735 | .8580985 |
| #1 | -.002114 | -.003849 | .0017094 | .0010628 | .0011036 | .0996973 | .1185993 |
| #2 | -.002525 | -.004653 | .0012194 | .0009971 | .0014906 | .0998708 | .1183391 |
| #3 | -.000584 | -.004478 | -.000335 | .0011121 | .0016313 | .1055455 | .1167315 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000196 | -.000118 | 38.85129 | .0015287 | .0008873 | .0021716 | 4.970221 |
| Stddev | .000064 | .000065 | .13061 | .0000575 | .0001385 | .0003715 | .015769 |
| %RSD | 32.77928 | 55.47811 | .3361862 | 3.759972 | 15.61390 | 17.10727 | .3172754 |
| #1 | -.000232 | -.000102 | 38.95228 | .0014623 | .0009413 | .0024652 | 4.967217 |
| #2 | -.000236 | -.000061 | 38.89780 | .0015603 | .0007299 | .0017540 | 4.956169 |
| #3 | -.000122 | -.000189 | 38.70378 | .0015634 | .0009907 | .0022957 | 4.987276 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.553252 | 7.352373 | .0023697 | .0003788 | 159.4088 | .0031138 | .0201273 |
| Stddev | .007626 | .058728 | .0001078 | .0001999 | .4456 | .0012802 | .0000223 |
| %RSD | .4909446 | .7987557 | 4.548734 | 52.76774 | .2795388 | 41.11492 | .1110080 |
| #1 | 1.561635 | 7.410140 | .0022456 | .0005697 | 158.8943 | .0016577 | .0201191 |
| #2 | 1.551397 | 7.292730 | .0024227 | .0001710 | 159.6579 | .0040629 | .0201102 |
| #3 | 1.546726 | 7.354249 | .0024406 | .0003958 | 159.6741 | .0036209 | .0201526 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.578974 | .0951990 | .0004923 | -.005588 | .0011915 | 4.989642 | .2590633 |
| Stddev | .012436 | .0011208 | .0002205 | .000405 | .0002284 | .009497 | .0023527 |
| %RSD | .1890257 | 1.177294 | 44.78915 | 7.251472 | 19.16702 | .1903434 | .9081704 |
| #1 | 6.579135 | .0964235 | .0004963 | -.005180 | .0010056 | 4.999903 | .2573133 |
| #2 | 6.591329 | .0942239 | .0007108 | -.005594 | .0014464 | 4.987864 | .2581387 |
| #3 | 6.566459 | .0949498 | .0002698 | -.005990 | .0011225 | 4.981159 | .2617379 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01 Acquired: 8/7/2024 17:00:48 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 2.544444 | .0061032 | .2582790 |
| Stddev | .005663 | .0004811 | .0017159 |
| %RSD | .2225510 | 7.882911 | .6643471 |
| | | | |
| #1 | 2.544779 | .0055951 | .2597742 |
| #2 | 2.549932 | .0061627 | .2586573 |
| #3 | 2.538621 | .0065518 | .2564056 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2660.485 | 91173.31 | 12741.43 | 3451.429 | 4885.127 |
| Stddev | 8.532 | 103.91 | 56.14 | 6.938 | 15.979 |
| %RSD | .3206759 | .1139720 | .4406275 | .2010279 | .3271005 |
| | | | | | |
| #1 | 2661.832 | 91282.00 | 12677.76 | 3454.320 | 4883.011 |
| #2 | 2651.360 | 91162.98 | 12762.69 | 3456.455 | 4870.312 |
| #3 | 2668.262 | 91074.94 | 12783.83 | 3443.513 | 4902.059 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01DUP Acquired: 8/7/2024 17:05:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002841 | -.004134 | .0012861 | .0008077 | .0004123 | .1123474 | .1147345 |
| Stddev | .001026 | .001077 | .0000910 | .0012323 | .0010088 | .0085077 | .0043609 |
| %RSD | 36.12193 | 26.05864 | 7.076414 | 152.5701 | 244.7070 | 7.572680 | 3.800908 |
| #1 | -.001921 | -.004986 | .0012295 | -.000123 | -.000619 | .1219091 | .1167540 |
| #2 | -.003948 | -.004492 | .0012377 | .000341 | .000460 | .1056143 | .1097298 |
| #3 | -.002656 | -.002923 | .0013911 | .002205 | .001396 | .1095189 | .1177195 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000142 | -.000115 | 37.81808 | .0016869 | .0009571 | .0020290 | 4.795094 |
| Stddev | .000018 | .000095 | 1.16882 | .0001084 | .0001285 | .0003687 | .008078 |
| %RSD | 12.98579 | 82.78452 | 3.090628 | 6.425778 | 13.42658 | 18.17149 | .1684681 |
| #1 | -.000151 | -.000152 | 38.37867 | .0015802 | .0010265 | .0018634 | 4.785910 |
| #2 | -.000154 | -.000187 | 36.47456 | .0016836 | .0010360 | .0017722 | 4.801100 |
| #3 | -.000121 | -.000007 | 38.60100 | .0017969 | .0008088 | .0024515 | 4.798271 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.515903 | 7.209701 | .0022925 | .0002670 | 153.7418 | .0010134 | .0191371 |
| Stddev | .048585 | .257622 | .0001614 | .0002338 | .5761 | .0021907 | .0001877 |
| %RSD | 3.204998 | 3.573272 | 7.041261 | 87.57936 | .3747516 | 216.1861 | .9806153 |
| #1 | 1.540056 | 7.324084 | .0021076 | .0004745 | 154.3339 | -.000562 | .0192337 |
| #2 | 1.459975 | 6.914694 | .0023651 | .0000137 | 153.7083 | .000087 | .0192569 |
| #3 | 1.547677 | 7.390326 | .0024049 | .0003127 | 153.1831 | .003515 | .0189209 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.375125 | .0927807 | .0005697 | -.005645 | .0018934 | 4.839634 | .2564539 |
| Stddev | .036312 | .0030283 | .0001643 | .000816 | .0002906 | .006337 | .0037095 |
| %RSD | .5695915 | 3.263966 | 28.83352 | 14.45456 | 15.34814 | .1309343 | 1.446438 |
| #1 | 6.389916 | .0946032 | .0004909 | -.004765 | .0021684 | 4.838197 | .2528534 |
| #2 | 6.401706 | .0892849 | .0007585 | -.005792 | .0019225 | 4.834140 | .2602635 |
| #3 | 6.333751 | .0944538 | .0004597 | -.006377 | .0015894 | 4.846566 | .2562449 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01DUP Acquired: 8/7/2024 17:05:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 2.507551 | .0043386 | .2515202 |
| Stddev | .006595 | .0009503 | .0081214 |
| %RSD | .2629944 | 21.90391 | 3.228922 |
| | | | |
| #1 | 2.508879 | .0032487 | .2560799 |
| #2 | 2.513381 | .0049941 | .2421436 |
| #3 | 2.500393 | .0047731 | .2563370 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2686.259 | 93679.37 | 12921.74 | 3509.797 | 4939.715 |
| Stddev | 12.267 | 243.50 | 414.52 | 2.112 | 26.764 |
| %RSD | .4566569 | .2599239 | 3.207904 | .0601826 | .5418046 |
| | | | | | |
| #1 | 2682.802 | 93485.28 | 12661.55 | 3507.392 | 4934.633 |
| #2 | 2676.091 | 93600.24 | 13399.75 | 3510.646 | 4915.856 |
| #3 | 2699.883 | 93952.59 | 12703.91 | 3511.353 | 4968.655 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01LX5 Acquired: 8/7/2024 17:09:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000766 | -.001183 | .0000658 | -.001609 | -.000107 | .0285907 | .0236303 |
| Stddev | .000748 | .001180 | .0007514 | .001128 | .001033 | .0056302 | .0005924 |
| %RSD | 97.57923 | 99.76994 | 1142.135 | 70.09722 | 962.0513 | 19.69259 | 2.506938 |
| #1 | -.001273 | -.001075 | .0006011 | -.002149 | .000116 | .0254236 | .0242832 |
| #2 | .000092 | -.000060 | -.000793 | -.000313 | -.001234 | .0252573 | .0234805 |
| #3 | -.001118 | -.002413 | .000389 | -.002364 | .000796 | .0350913 | .0231272 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000031 | -.000022 | 7.890441 | -.000046 | .0002145 | .0001997 | 1.018793 |
| Stddev | .000041 | .000071 | .033909 | .000237 | .0000648 | .0001422 | .012188 |
| %RSD | 133.1773 | 323.5588 | .4297525 | 510.6763 | 30.19810 | 71.20708 | 1.196328 |
| #1 | -.000035 | .000011 | 7.883366 | .000227 | .0002021 | .0003636 | 1.005867 |
| #2 | -.000069 | .000027 | 7.860628 | -.000174 | .0002846 | .0001243 | 1.020436 |
| #3 | .000012 | -.000104 | 7.927330 | -.000192 | .0001568 | .0001110 | 1.030076 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3129266 | 1.440602 | .0004998 | .0001185 | 31.52275 | .0018325 | .0039581 |
| Stddev | .0010121 | .014594 | .0000881 | .0003054 | .00896 | .0005945 | .0002708 |
| %RSD | .3234149 | 1.013069 | 17.62260 | 257.5923 | .0284187 | 32.44024 | 6.841178 |
| #1 | .3140526 | 1.423981 | .0005977 | -.000212 | 31.51310 | .0024548 | .0039073 |
| #2 | .3120929 | 1.446506 | .0004748 | .000391 | 31.53081 | .0017722 | .0042506 |
| #3 | .3126343 | 1.451320 | .0004269 | .000177 | 31.52433 | .0012704 | .0037163 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.314162 | .0201184 | -.000006 | -.003922 | .0008271 | .9966508 | .0503632 |
| Stddev | .023773 | .0003882 | .000115 | .000318 | .0005404 | .0099276 | .0024006 |
| %RSD | 1.808979 | 1.929617 | 1930.698 | 8.116596 | 65.34145 | .9960986 | 4.766576 |
| #1 | 1.327560 | .0205322 | -.000118 | -.004023 | .0012545 | .9943135 | .0491576 |
| #2 | 1.328212 | .0197623 | .000113 | -.003565 | .0010072 | 1.007539 | .0531276 |
| #3 | 1.286714 | .0200606 | -.000012 | -.004177 | .0002196 | .988100 | .0488043 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01LX5 Acquired: 8/7/2024 17:09:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .5167801 | .0052266 | .0522196 |
| Stddev | .0032987 | .0009596 | .0003210 |
| %RSD | .6383168 | 18.35938 | .6146364 |
| | | | |
| #1 | .5205514 | .0058779 | .0523003 |
| #2 | .5144312 | .0056773 | .0518660 |
| #3 | .5153579 | .0041247 | .0524925 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2806.031 | 96151.81 | 13698.11 | 3660.661 | 5255.148 |
| Stddev | 13.985 | 81.86 | 73.62 | 11.550 | 28.920 |
| %RSD | .4983869 | .0851361 | .5374236 | .3155255 | .5503163 |
| | | | | | |
| #1 | 2791.426 | 96228.13 | 13635.69 | 3673.910 | 5226.328 |
| #2 | 2807.367 | 96161.93 | 13779.29 | 3655.360 | 5254.950 |
| #3 | 2819.299 | 96065.35 | 13679.35 | 3652.713 | 5284.167 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV02 Acquired: 8/7/2024 17:14:14 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.895758 | 5.133879 | 5.104507 | 4.852883 | 4.914654 | 9.762684 | 10.19056 |
| Stddev | .015471 | .024402 | .021040 | .012113 | .015613 | .030922 | .02318 |
| %RSD | .3160125 | .4753109 | .4121775 | .2496119 | .3176758 | .3167390 | .2274636 |
| #1 | 4.907200 | 5.141001 | 5.106410 | 4.851159 | 4.909735 | 9.743157 | 10.16401 |
| #2 | 4.878156 | 5.153927 | 5.082580 | 4.841724 | 4.902094 | 9.746559 | 10.20090 |
| #3 | 4.901918 | 5.106708 | 5.124530 | 4.865766 | 4.932134 | 9.798336 | 10.20676 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2498357 | 2.515324 | 25.54699 | 1.007856 | 2.487538 | 1.235717 | 5.086609 |
| Stddev | .0010817 | .009324 | .08476 | .018439 | .013338 | .005065 | .085941 |
| %RSD | .4329802 | .3706837 | .3317727 | 1.829521 | .5362040 | .4098965 | 1.689551 |
| #1 | .2486914 | 2.519076 | 25.51549 | 1.014902 | 2.492928 | 1.235876 | 5.136649 |
| #2 | .2499743 | 2.504708 | 25.48250 | 1.021734 | 2.472348 | 1.230574 | 5.135805 |
| #3 | .2508415 | 2.522186 | 25.64299 | .986933 | 2.497337 | 1.240701 | 4.987375 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 2.526300 | 24.76349 | 2.509085 | 1.247635 | 24.15815 | 2.493825 | 2.561423 |
| Stddev | .015777 | .15933 | .011885 | .020188 | .41753 | .021329 | .044253 |
| %RSD | .6245074 | .6433874 | .4736930 | 1.618114 | 1.728337 | .8552658 | 1.727658 |
| #1 | 2.523104 | 24.78061 | 2.513258 | 1.257521 | 24.41311 | 2.490852 | 2.580504 |
| #2 | 2.512366 | 24.59630 | 2.495676 | 1.260974 | 24.38505 | 2.474138 | 2.592934 |
| #3 | 2.543431 | 24.91357 | 2.518321 | 1.224409 | 23.67630 | 2.516484 | 2.510831 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 24.54410 | 4.885660 | 5.047881 | 5.025715 | 5.058047 | 4.902919 | 5.119357 |
| Stddev | .41217 | .024953 | .020198 | .020549 | .021107 | .072362 | .025597 |
| %RSD | 1.679323 | .5107458 | .4001321 | .4088743 | .4173046 | 1.475899 | .4999962 |
| #1 | 24.73782 | 4.864871 | 5.043976 | 5.029064 | 5.056869 | 4.926206 | 5.135089 |
| #2 | 24.82373 | 4.878777 | 5.029921 | 5.003697 | 5.037553 | 4.960770 | 5.089821 |
| #3 | 24.07075 | 4.913332 | 5.069747 | 5.044384 | 5.079719 | 4.821780 | 5.133160 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV02 Acquired: 8/7/2024 17:14:14 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 4.681528 | 4.661492 | 5.096903 |
| Stddev | .022243 | .018895 | .037801 |
| %RSD | .4751237 | .4053394 | .7416399 |
| | | | |
| #1 | 4.701021 | 4.654861 | 5.070759 |
| #2 | 4.657298 | 4.646807 | 5.079704 |
| #3 | 4.686267 | 4.682809 | 5.140244 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2705.459 | 94768.41 | 13405.29 | 3608.988 | 4885.182 |
| Stddev | 7.397 | 1801.94 | 34.35 | 64.636 | 16.547 |
| %RSD | .2734165 | 1.901415 | .2562092 | 1.790965 | .3387267 |
| | | | | | |
| #1 | 2705.729 | 94027.15 | 13441.45 | 3588.082 | 4879.582 |
| #2 | 2712.718 | 93455.34 | 13401.32 | 3557.393 | 4903.802 |
| #3 | 2697.931 | 96822.76 | 13373.10 | 3681.490 | 4872.161 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB02 Acquired: 8/7/2024 17:18:33 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0009152 | -.000820 | .0003238 | -.001479 | .0006691 | .0053632 | .0004554 |
| Stddev | .0004497 | .000801 | .0007685 | .000749 | .0009901 | .0048436 | .0009116 |
| %RSD | 49.13601 | 97.63833 | 237.3627 | 50.60586 | 147.9877 | 90.31050 | 200.1846 |
| #1 | .0006481 | -.001442 | .0009452 | -.000787 | .0013944 | .0006565 | -.000166 |
| #2 | .0014344 | -.001102 | .0005616 | -.002274 | .0010717 | .0051003 | .000030 |
| #3 | .0006631 | .000083 | -.000536 | -.001376 | -.000459 | .0103328 | .001502 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000342 | -.000021 | .0013224 | .0000732 | .0001261 | -.000335 | -.002244 |
| Stddev | .0000499 | .000016 | .0072472 | .0000451 | .0000961 | .000419 | .003591 |
| %RSD | 146.0391 | 77.75330 | 548.0403 | 61.67157 | 76.21075 | 125.1121 | 160.0084 |
| #1 | .0000117 | -.000012 | -.006253 | .0000834 | .0002367 | -.000815 | .000811 |
| #2 | -.000001 | -.000011 | .008189 | .0001123 | .0000643 | -.000142 | -.006200 |
| #3 | .000091 | -.000040 | .002032 | .0000238 | .0000771 | -.000047 | -.001345 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0001903 | -.002279 | -.000066 | .0001764 | .0191985 | .0005743 | .0000274 |
| Stddev | .0001957 | .016368 | .000129 | .0001096 | .0059285 | .0016971 | .0000530 |
| %RSD | 102.8155 | 718.2582 | 194.9548 | 62.09811 | 30.87991 | 295.5152 | 193.7560 |
| #1 | .0004049 | -.015355 | -.000037 | .0002704 | .0135399 | .0025014 | .0000083 |
| #2 | .0001444 | .016078 | -.000208 | .0002027 | .0253642 | -.000697 | -.000013 |
| #3 | .0000217 | -.007560 | .000046 | .0000561 | .0186913 | -.000081 | .000087 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.002729 | .0100291 | .0002247 | -.003396 | .0004704 | .0029321 | -.002554 |
| Stddev | .017690 | .0002953 | .0001875 | .000279 | .0002810 | .0041684 | .002122 |
| %RSD | 648.1359 | 2.944852 | 83.41783 | 8.202740 | 59.74426 | 142.1641 | 83.07130 |
| #1 | -.023153 | .0103321 | .0004388 | -.003691 | .0007912 | .0047761 | -.000115 |
| #2 | .007771 | .0097420 | .0000899 | -.003360 | .0003521 | -.001840 | -.003571 |
| #3 | .007195 | .0100133 | .0001455 | -.003137 | .0002679 | .005860 | -.003977 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB02 Acquired: 8/7/2024 17:18:33 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002767 | .0008179 | -.000000 |
| Stddev | .002344 | .0022315 | .000010 |
| %RSD | 84.71296 | 272.8296 | 10214.70 |
| | | | |
| #1 | -.005149 | .0015181 | .000011 |
| #2 | -.000464 | -.001680 | -.000005 |
| #3 | -.002687 | .002615 | -.000007 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2833.833 | 97074.23 | 13163.51 | 3747.365 | 5364.182 |
| Stddev | 13.944 | 345.60 | 93.02 | 11.402 | 25.696 |
| %RSD | .4920675 | .3560159 | .7066779 | .3042563 | .4790219 |
| | | | | | |
| #1 | 2846.040 | 96931.95 | 13064.02 | 3748.031 | 5383.277 |
| #2 | 2836.821 | 96822.47 | 13248.33 | 3735.646 | 5374.301 |
| #3 | 2818.636 | 97468.25 | 13178.19 | 3758.420 | 5334.967 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LR2 Acquired: 8/7/2024 18:15:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0135203 | -.010643 | 229.7273 | .0036942 | -.002398 | .1009736 |
| Stddev | .0013773 | .001307 | .3143 | .0005160 | .001034 | .0076063 |
| %RSD | 10.18715 | 12.28202 | .1368295 | 13.96702 | 43.13007 | 7.532924 |
| #1 | .0141091 | -.011596 | 229.3649 | .0041646 | -.003158 | .1004644 |
| #2 | .0119464 | -.009153 | 229.8907 | .0031424 | -.001220 | .0936348 |
| #3 | .0145054 | -.011179 | 229.9262 | .0037758 | -.002817 | .1088217 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | F 89.73364 | -.001909 | -.006052 | .2292111 | .0253384 | -.027666 |
| Stddev | .92852 | .000014 | .000040 | .0059909 | .0004721 | .000156 |
| %RSD | 1.034755 | .7163412 | .6578382 | 2.613720 | 1.862970 | .5641833 |
| #1 | 89.80057 | -.001925 | -.006046 | .2319691 | .0248511 | -.027530 |
| #2 | 90.62688 | -.001898 | -.006015 | .2223379 | .0257935 | -.027836 |
| #3 | 88.77346 | -.001905 | -.006094 | .2333264 | .0253706 | -.027631 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 258.5760 | .1162616 | 43.49239 | -.022769 | F 44.84289 | .0022675 |
| Stddev | .7960 | .0027682 | .07405 | .006518 | .04191 | .0001427 |
| %RSD | .3078464 | 2.380972 | .1702535 | 28.62735 | .0934662 | 6.295108 |
| #1 | 259.4838 | .1166611 | 43.42220 | -.021994 | 44.79786 | .0024178 |
| #2 | 258.2470 | .1188082 | 43.56977 | -.029641 | 44.85005 | .0021337 |
| #3 | 257.9972 | .1133153 | 43.48519 | -.016673 | 44.88076 | .0022511 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.059606 | -.003307 | F 23.82602 | 1.345481 | .0019992 | .0031503 |
| Stddev | .041365 | .001100 | .11035 | .049528 | .0007097 | .0002588 |
| %RSD | 3.903802 | 33.27036 | .4631683 | 3.681089 | 35.50076 | 8.216322 |
| #1 | 1.084902 | -.002885 | 23.93764 | 1.392910 | .0012247 | .0028516 |
| #2 | 1.082045 | -.002480 | 23.71697 | 1.349442 | .0021544 | .0032912 |
| #3 | 1.011870 | -.004555 | 23.82346 | 1.294091 | .0026184 | .0033081 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LR2 Acquired: 8/7/2024 18:15:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0137399 | -.047029 | -.008529 | -.291510 | -.046009 | .0008491 |
| Stddev | .0007189 | .000632 | .002282 | .005612 | .002375 | .0007609 |
| %RSD | 5.232403 | 1.344809 | 26.75498 | 1.925203 | 5.163114 | 89.61034 |
| | | | | | | |
| #1 | .0136212 | -.046657 | -.011128 | -.285065 | -.043361 | .0001282 |
| #2 | .0145108 | -.046670 | -.006856 | -.294140 | -.046712 | .0016445 |
| #3 | .0130877 | -.047759 | -.007602 | -.295323 | -.047954 | .0007746 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .0019125 |
| Stddev | .0000477 |
| %RSD | 2.494950 |
| | |
| #1 | .0019651 |
| #2 | .0019006 |
| #3 | .0018719 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2511.165 | 97429.41 | 13168.97 | 3571.994 | 5143.108 |
| Stddev | 3.553 | 369.37 | 81.66 | 6.584 | 13.330 |
| %RSD | .1414820 | .3791131 | .6200591 | .1843306 | .2591862 |
| | | | | | |
| #1 | 2514.861 | 97349.02 | 13099.21 | 3567.900 | 5158.334 |
| #2 | 2510.859 | 97106.86 | 13148.93 | 3568.493 | 5133.537 |
| #3 | 2507.776 | 97832.35 | 13258.78 | 3579.589 | 5137.455 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-02 Acquired: 8/7/2024 18:20:27 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7176244 | 1.767243 | .9057799 | 1.701784 | .7562700 | 2.008577 | .3100484 |
| Stddev | .0036564 | .014009 | .0047496 | .012246 | .0040371 | .005591 | .0007431 |
| %RSD | .5095199 | .7927236 | .5243671 | .7195693 | .5338119 | .2783444 | .2396743 |
| #1 | .7136037 | 1.752708 | .9005039 | 1.687876 | .7519579 | 2.012064 | .3097017 |
| #2 | .7185189 | 1.768359 | .9071210 | 1.706528 | .7568925 | 2.011539 | .3109016 |
| #3 | .7207505 | 1.780660 | .9097147 | 1.710947 | .7599597 | 2.002129 | .3095421 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1905821 | .1794821 | 40.36838 | .3919728 | .1872921 | .2796960 | 8.045790 |
| Stddev | .0008848 | .0015602 | .02514 | .0034048 | .0019499 | .0022012 | .074368 |
| %RSD | .4642508 | .8692901 | .0622668 | .8686256 | 1.041083 | .7870101 | .9243119 |
| #1 | .1914234 | .1777942 | 40.38410 | .3881552 | .1850533 | .2771641 | 7.965743 |
| #2 | .1896595 | .1797805 | 40.38164 | .3946951 | .1882041 | .2811562 | 8.112740 |
| #3 | .1906633 | .1808716 | 40.33939 | .3930681 | .1886188 | .2807676 | 8.058887 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.774675 | 9.186820 | .4726336 | .0679693 | 160.1264 | .2929637 | .2280801 |
| Stddev | .003475 | .038953 | .0038843 | .0007007 | .7649 | .0032953 | .0012999 |
| %RSD | .1958110 | .4240139 | .8218380 | 1.030882 | .4776764 | 1.124798 | .5699414 |
| #1 | 1.778452 | 9.229885 | .4686302 | .0671788 | 159.6417 | .2921113 | .2266773 |
| #2 | 1.773958 | 9.154045 | .4728842 | .0685137 | 161.0082 | .2966013 | .2292441 |
| #3 | 1.771614 | 9.176530 | .4763866 | .0682154 | 159.7294 | .2901783 | .2283188 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.11828 | .3563257 | .4097895 | .6618321 | .2000486 | 5.892113 | 5.906122 |
| Stddev | .13376 | .0018585 | .0026421 | .0068105 | .0007594 | .051311 | .062600 |
| %RSD | .8298593 | .5215671 | .6447443 | 1.029034 | .3796035 | .8708474 | 1.059915 |
| #1 | 15.99074 | .3583303 | .4068938 | .6539689 | .1993109 | 5.834200 | 5.834755 |
| #2 | 16.25749 | .3546599 | .4104054 | .6656623 | .2008280 | 5.931907 | 5.931870 |
| #3 | 16.10660 | .3559871 | .4120692 | .6658651 | .2000068 | 5.910231 | 5.951743 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-02 Acquired: 8/7/2024 18:20:27 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 2.695853 | .1706456 | .4573908 |
| Stddev | .032210 | .0003255 | .0013353 |
| %RSD | 1.194782 | .1907220 | .2919376 |
| | | | |
| #1 | 2.659529 | .1703296 | .4588505 |
| #2 | 2.707095 | .1709798 | .4570909 |
| #3 | 2.720935 | .1706274 | .4562309 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2628.807 | 92297.34 | 13049.23 | 3459.284 | 4812.667 |
| Stddev | 11.275 | 377.63 | 78.92 | 6.535 | 25.859 |
| %RSD | .4288884 | .4091454 | .6048064 | .1889106 | .5373147 |
| | | | | | |
| #1 | 2641.359 | 92627.57 | 12958.28 | 3457.400 | 4842.510 |
| #2 | 2619.537 | 91885.62 | 13089.80 | 3453.898 | 4796.871 |
| #3 | 2625.526 | 92378.84 | 13099.62 | 3466.554 | 4798.622 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-03 Acquired: 8/7/2024 18:24:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7530533 | 1.879668 | .9540541 | 1.777888 | .7828631 | 2.098021 | .3223955 |
| Stddev | .0042591 | .014096 | .0014944 | .007168 | .0031845 | .014779 | .0016113 |
| %RSD | .5655807 | .7499149 | .1566383 | .4031531 | .4067737 | .7044408 | .4998065 |
| #1 | .7547348 | 1.881325 | .9526325 | 1.775285 | .7802011 | 2.087579 | .3223940 |
| #2 | .7482101 | 1.892862 | .9539179 | 1.772385 | .7819972 | 2.114932 | .3240076 |
| #3 | .7562150 | 1.864817 | .9556120 | 1.785993 | .7863910 | 2.091553 | .3207849 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2038357 | .1896487 | 41.29357 | .4100529 | .1981496 | .2927984 | 8.218837 |
| Stddev | .0005015 | .0005927 | .14668 | .0026842 | .0005144 | .0015000 | .048979 |
| %RSD | .2460355 | .3125028 | .3552118 | .6545912 | .2596015 | .5123018 | .5959405 |
| #1 | .2042269 | .1897874 | 41.30818 | .4116164 | .1980745 | .2923800 | 8.210300 |
| #2 | .2040097 | .1889990 | 41.43239 | .4115888 | .1976768 | .2915520 | 8.271523 |
| #3 | .2032703 | .1901597 | 41.14013 | .4069535 | .1986973 | .2944632 | 8.174687 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.811924 | 9.456084 | .4975020 | .0710136 | 160.2292 | .3090486 | .2375753 |
| Stddev | .009425 | .081781 | .0006725 | .0004878 | 1.1104 | .0017960 | .0016010 |
| %RSD | .5201908 | .8648478 | .1351688 | .6869469 | .6930189 | .5811489 | .6738932 |
| #1 | 1.811044 | 9.439424 | .4977999 | .0708289 | 160.2111 | .3086631 | .2380433 |
| #2 | 1.821759 | 9.544911 | .4967321 | .0715669 | 161.3486 | .3110060 | .2388901 |
| #3 | 1.802969 | 9.383915 | .4979742 | .0706452 | 159.1280 | .3074766 | .2357924 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.58503 | .3753553 | .4253774 | .6880172 | .2067583 | 5.929796 | 6.154587 |
| Stddev | .14253 | .0013018 | .0006162 | .0025341 | .0022188 | .044967 | .017484 |
| %RSD | .8594070 | .3468188 | .1448596 | .3683145 | 1.073138 | .7583159 | .2840818 |
| #1 | 16.61809 | .3768321 | .4247479 | .6858471 | .2070454 | 5.900103 | 6.166204 |
| #2 | 16.70814 | .3743741 | .4254047 | .6874024 | .2088195 | 5.981531 | 6.134479 |
| #3 | 16.42888 | .3748598 | .4259794 | .6908021 | .2044099 | 5.907754 | 6.163078 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-03 Acquired: 8/7/2024 18:24:40 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 2.653894 | .1762400 | .4724996 |
| Stddev | .003656 | .0013959 | .0024762 |
| %RSD | .1377451 | .7920235 | .5240585 |
| | | | |
| #1 | 2.657972 | .1751149 | .4720007 |
| #2 | 2.650911 | .1778021 | .4751872 |
| #3 | 2.652798 | .1758030 | .4703108 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2676.862 | 93043.25 | 13031.26 | 3498.275 | 4903.956 |
| Stddev | 11.993 | 424.81 | 20.73 | 11.766 | 15.913 |
| %RSD | .4480245 | .4565746 | .1591137 | .3363411 | .3244995 |
| | | | | | |
| #1 | 2689.680 | 92987.28 | 13020.63 | 3502.430 | 4919.880 |
| #2 | 2674.992 | 92649.20 | 13018.00 | 3484.995 | 4903.935 |
| #3 | 2665.913 | 93493.27 | 13055.15 | 3507.400 | 4888.053 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01A Acquired: 8/7/2024 18:33:57 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7023645 | 1.732868 | .8869900 | 1.654630 | .7440037 | 1.913258 | .2862744 |
| Stddev | .0052726 | .014162 | .0109879 | .012869 | .0065868 | .142578 | .0217107 |
| %RSD | .7506952 | .8172669 | 1.238779 | .7777637 | .8853129 | 7.452113 | 7.583884 |
| #1 | .6964088 | 1.716633 | .8747858 | 1.639872 | .7367273 | 1.999360 | .2995962 |
| #2 | .7064370 | 1.739289 | .8960965 | 1.663515 | .7495592 | 1.748682 | .2612218 |
| #3 | .7042476 | 1.742683 | .8900876 | 1.660502 | .7457247 | 1.991732 | .2980051 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1831402 | .1777687 | 36.75425 | .3879442 | .1870162 | .2748460 | 7.682022 |
| Stddev | .0117744 | .0020409 | 2.68981 | .0011818 | .0021719 | .0018567 | .085815 |
| %RSD | 6.429148 | 1.148053 | 7.318355 | .3046402 | 1.161329 | .6755570 | 1.117086 |
| #1 | .1897782 | .1754199 | 38.30390 | .3872118 | .1846231 | .2727092 | 7.755537 |
| #2 | .1695456 | .1791090 | 33.64833 | .3893077 | .1888623 | .2760663 | 7.587724 |
| #3 | .1900969 | .1787772 | 38.31050 | .3873133 | .1875631 | .2757624 | 7.702803 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.609142 | 8.399464 | .4677947 | .0671498 | 149.3443 | .2750053 | .2248427 |
| Stddev | .118323 | .605229 | .0058349 | .0003789 | .3323 | .0216432 | .0013325 |
| %RSD | 7.353196 | 7.205567 | 1.247328 | .5642877 | .2225232 | 7.870090 | .5926429 |
| #1 | 1.677758 | 8.784073 | .4611828 | .0675859 | 148.9701 | .2890085 | .2237551 |
| #2 | 1.472514 | 7.701829 | .4722224 | .0669016 | 149.6052 | .2500772 | .2263291 |
| #3 | 1.677154 | 8.712492 | .4699789 | .0669617 | 149.4575 | .2859302 | .2244439 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 15.52364 | .3345079 | .4117046 | .6489941 | .1891654 | 5.527527 | 5.676680 |
| Stddev | .15746 | .0208438 | .0042558 | .0081766 | .0141442 | .063181 | .068435 |
| %RSD | 1.014331 | 6.231190 | 1.033711 | 1.259889 | 7.477137 | 1.143024 | 1.205553 |
| #1 | 15.66395 | .3462597 | .4068025 | .6396145 | .1975319 | 5.578558 | 5.597764 |
| #2 | 15.35334 | .3104417 | .4144552 | .6546192 | .1728348 | 5.456859 | 5.712579 |
| #3 | 15.55363 | .3468223 | .4138559 | .6527485 | .1971295 | 5.547164 | 5.719696 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-01A Acquired: 8/7/2024 18:33:57 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 2.404723 | .1559343 | .4200114 |
| Stddev | .028613 | .0123243 | .0318411 |
| %RSD | 1.189855 | 7.903534 | 7.581004 |
| | | | |
| #1 | 2.372104 | .1645212 | .4384133 |
| #2 | 2.425581 | .1418130 | .3832445 |
| #3 | 2.416485 | .1614688 | .4383764 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2696.245 | 92816.43 | 13670.19 | 3469.518 | 4984.383 |
| Stddev | 19.003 | 351.79 | 946.28 | 10.727 | 47.266 |
| %RSD | .7047996 | .3790116 | 6.922201 | .3091694 | .9482759 |
| | | | | | |
| #1 | 2718.023 | 92410.40 | 13101.79 | 3458.428 | 5037.575 |
| #2 | 2683.030 | 93029.72 | 14762.56 | 3470.286 | 4947.202 |
| #3 | 2687.682 | 93009.18 | 13146.22 | 3479.840 | 4968.374 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-04 Acquired: 8/7/2024 18:38:12 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002295 | -.004012 | -.000011 | .0015831 | .0030966 | .0913062 |
| Stddev | .000882 | .001155 | .000412 | .0000757 | .0009259 | .0079925 |
| %RSD | 38.41285 | 28.79282 | 3663.753 | 4.780614 | 29.90217 | 8.753510 |
| #1 | -.002265 | -.004155 | -.000442 | .0016529 | .0036359 | .0851683 |
| #2 | -.001429 | -.005090 | .000379 | .0015937 | .0020274 | .1003438 |
| #3 | -.003191 | -.002792 | .000029 | .0015027 | .0036264 | .0884066 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1644325 | -.000099 | .0000166 | 70.25034 | .0011287 | .0094538 |
| Stddev | .0014504 | .000057 | .0000281 | .39439 | .0001646 | .0001741 |
| %RSD | .8820444 | 57.70064 | 169.0270 | .5614087 | 14.58758 | 1.841597 |
| #1 | .1632957 | -.000077 | .0000294 | 70.15631 | .0013117 | .0092708 |
| #2 | .1639360 | -.000056 | .0000360 | 69.91146 | .0009925 | .0096174 |
| #3 | .1660660 | -.000163 | -.000016 | 70.68325 | .0010818 | .0094733 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0005635 | 8.167336 | 2.048104 | 16.13867 | .0018971 | .0001761 |
| Stddev | .0003848 | .022965 | .011950 | .10703 | .0000411 | .0002899 |
| %RSD | 68.29097 | .2811830 | .5834763 | .6632108 | 2.168232 | 164.6041 |
| #1 | .0002250 | 8.155097 | 2.043374 | 16.09720 | .0019351 | .0001119 |
| #2 | .0004835 | 8.193828 | 2.039242 | 16.05857 | .0019026 | -.000076 |
| #3 | .0009820 | 8.153083 | 2.061695 | 16.26023 | .0018534 | .000493 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 373.3099 | .0021295 | .0454913 | 12.65069 | .1164012 | .0001009 |
| Stddev | 2.7325 | .0012323 | .0000787 | .04147 | .0010589 | .0000717 |
| %RSD | .7319746 | 57.86884 | .1730636 | .3278167 | .9097309 | 71.00249 |
| #1 | 373.9609 | .0010516 | .0454139 | 12.65943 | .1154789 | .0001218 |
| #2 | 370.3106 | .0034730 | .0455713 | 12.60555 | .1161670 | .0001598 |
| #3 | 375.6581 | .0018640 | .0454887 | 12.68710 | .1175576 | .0000211 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3440-04 Acquired: 8/7/2024 18:38:12 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.006266 | -.000743 | 4.437786 | .4790917 | F 16.48325 | .0069215 |
| Stddev | .000318 | .000677 | .007954 | .0027004 | .02104 | .0017833 |
| %RSD | 5.081406 | 91.19001 | .1792254 | .5636446 | .1276574 | 25.76504 |
| #1 | -.006234 | -.000006 | 4.445163 | .4808882 | 16.49556 | .0048829 |
| #2 | -.006599 | -.000883 | 4.438834 | .4759863 | 16.45896 | .0081924 |
| #3 | -.005965 | -.001339 | 4.429360 | .4804006 | 16.49524 | .0076892 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .4856174 |
| Stddev | .0028538 |
| %RSD | .5876705 |
| #1 | .4857304 |
| #2 | .4827088 |
| #3 | .4884131 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2553.751 | 92582.51 | 12755.99 | 3454.153 | 4533.046 |
| Stddev | 1.276 | 43.35 | 72.82 | 5.233 | .581 |
| %RSD | .0499486 | .0468188 | .5708377 | .1514997 | .0128077 |
| #1 | 2553.851 | 92544.59 | 12750.17 | 3459.138 | 4533.713 |
| #2 | 2554.974 | 92629.76 | 12831.53 | 3448.703 | 4532.770 |
| #3 | 2552.429 | 92573.17 | 12686.25 | 3454.619 | 4532.655 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3443-01 Acquired: 8/7/2024 18:42:43 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.003083 | -.002628 | .0028164 | .0007365 | .0027036 | 12.06319 |
| Stddev | .001467 | .000638 | .0004199 | .0023011 | .0008954 | .05412 |
| %RSD | 47.57112 | 24.28310 | 14.90826 | 312.4452 | 33.12060 | .4486343 |
| #1 | -.001476 | -.003364 | .0025507 | .0016671 | .0021202 | 12.12561 |
| #2 | -.003424 | -.002276 | .0033005 | -.001884 | .0037345 | 12.02941 |
| #3 | -.004349 | -.002242 | .0025981 | .002427 | .0022559 | 12.03456 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0290957 | -.000079 | -.000003 | 40.91678 | .0854025 | .0026894 |
| Stddev | .0004178 | .000057 | .000053 | .01446 | .0004455 | .0001649 |
| %RSD | 1.436129 | 71.95493 | 1548.037 | .0353301 | .5216452 | 6.130274 |
| #1 | .0286626 | -.000117 | -.000012 | 40.92656 | .0854167 | .0025709 |
| #2 | .0291282 | -.000108 | .000053 | 40.90017 | .0858407 | .0026197 |
| #3 | .0294964 | -.000014 | -.000051 | 40.92360 | .0849500 | .0028777 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .3568542 | 2.067872 | .0385686 | 12.66479 | .0638173 | .0002448 |
| Stddev | .0007386 | .017351 | .0005711 | .04998 | .0002702 | .0000335 |
| %RSD | .2069834 | .8390920 | 1.480700 | .3946488 | .4234225 | 13.67313 |
| #1 | .3560978 | 2.048901 | .0381242 | 12.63194 | .0636282 | .0002081 |
| #2 | .3568909 | 2.071775 | .0383690 | 12.64013 | .0636968 | .0002524 |
| #3 | .3575737 | 2.082939 | .0392127 | 12.72231 | .0641268 | .0002737 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 359.4202 | .0020157 | 1.643699 | 46.98219 | 1.006890 | .0091419 |
| Stddev | 1.9063 | .0013356 | .007443 | .19561 | .003424 | .0000347 |
| %RSD | .5303777 | 66.25950 | .4528280 | .4163582 | .3400830 | .3796816 |
| #1 | 361.3041 | .0025380 | 1.640540 | 47.17686 | 1.005565 | .0091669 |
| #2 | 357.4923 | .0004979 | 1.638357 | 46.98405 | 1.004327 | .0091566 |
| #3 | 359.4642 | .0030112 | 1.652201 | 46.78565 | 1.010779 | .0091023 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3443-01 Acquired: 8/7/2024 18:42:43 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0289670 | -.000914 | 3.523942 | F 11.64807 | F 153.4612 | .0096917 |
| Stddev | .0001989 | .000536 | .002726 | .02189 | .3179 | .0012893 |
| %RSD | .6867144 | 58.62878 | .0773620 | .1879534 | .2071630 | 13.30342 |
| #1 | .0288599 | -.001444 | 3.525625 | 11.65304 | 153.8208 | .0103222 |
| #2 | .0288446 | -.000372 | 3.525404 | 11.66705 | 153.3452 | .0105444 |
| #3 | .0291965 | -.000926 | 3.520797 | 11.62412 | 153.2175 | .0082084 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | .1866675 |
| Stddev | .0007263 |
| %RSD | .3890855 |
| #1 | .1874488 |
| #2 | .1860129 |
| #3 | .1865407 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2601.353 | 91795.84 | 13362.67 | 3453.115 | 4649.369 |
| Stddev | 12.657 | 264.90 | 44.13 | 6.880 | 7.724 |
| %RSD | .4865528 | .2885758 | .3302111 | .1992379 | .1661357 |
| #1 | 2614.346 | 91611.00 | 13318.40 | 3453.664 | 4656.669 |
| #2 | 2600.652 | 91677.19 | 13406.64 | 3459.704 | 4650.159 |
| #3 | 2589.061 | 92099.32 | 13362.96 | 3445.977 | 4641.281 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3451-01 Acquired: 8/7/2024 18:47:08 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0006023 | -.003505 | .0059157 | .0014224 | .0012686 | .3222773 | .0952579 |
| Stddev | .0006469 | .000578 | .0007543 | .0012286 | .0008430 | .0159260 | .0019014 |
| %RSD | 107.4158 | 16.50283 | 12.75034 | 86.37413 | 66.45219 | 4.941698 | 1.996034 |
| #1 | .0002177 | -.004160 | .0056639 | .0004166 | .0020428 | .3039442 | .0954102 |
| #2 | .0013492 | -.003065 | .0067636 | .0027917 | .0013925 | .3301949 | .0932850 |
| #3 | .0002399 | -.003290 | .0053195 | .0010589 | .0003705 | .3326928 | .0970786 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000108 | -.000121 | 28.36200 | .0018079 | .0009044 | .0053841 | 5.846488 |
| Stddev | .000062 | .000110 | .52958 | .0003138 | .0000480 | .0001531 | .026736 |
| %RSD | 57.44055 | 90.92679 | 1.867225 | 17.35880 | 5.311668 | 2.844073 | .4573001 |
| #1 | -.000153 | -.000134 | 28.29889 | .0021131 | .0008989 | .0052080 | 5.835738 |
| #2 | -.000037 | -.000005 | 27.86679 | .0014861 | .0008594 | .0054584 | 5.826799 |
| #3 | -.000133 | -.000225 | 28.92030 | .0018245 | .0009550 | .0054860 | 5.876925 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6720243 | 4.605694 | .0020960 | .0004288 | 92.59170 | .0057109 | .0252302 |
| Stddev | .0141485 | .087826 | .0003129 | .0001489 | .13648 | .0007491 | .0002328 |
| %RSD | 2.105357 | 1.906898 | 14.92792 | 34.71645 | .1473948 | 13.11684 | .9228658 |
| #1 | .6694004 | 4.567336 | .0017531 | .0002605 | 92.63577 | .0064790 | .0254852 |
| #2 | .6593714 | 4.543571 | .0021688 | .0004829 | 92.43864 | .0056714 | .0250288 |
| #3 | .6873011 | 4.706174 | .0023661 | .0005431 | 92.70070 | .0049824 | .0251768 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.584466 | .0952135 | .0010688 | -.004939 | .0055260 | 3.335363 | .2121433 |
| Stddev | .032930 | .0014731 | .0000987 | .000142 | .0003958 | .026907 | .0014979 |
| %RSD | .7182886 | 1.547193 | 9.238340 | 2.877871 | 7.163214 | .8067186 | .7060782 |
| #1 | 4.622473 | .0952971 | .0009942 | -.004801 | .0058626 | 3.305224 | .2111210 |
| #2 | 4.564497 | .0937003 | .0011808 | -.005085 | .0056255 | 3.343896 | .2114462 |
| #3 | 4.566427 | .0966430 | .0010314 | -.004933 | .0050899 | 3.356968 | .2138627 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3451-01 Acquired: 8/7/2024 18:47:08 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 4.206540 | .0023358 | .1913931 |
| Stddev | .006981 | .0012237 | .0031308 |
| %RSD | .1659484 | 52.38669 | 1.635791 |
| | | | |
| #1 | 4.204876 | .0018297 | .1916704 |
| #2 | 4.214202 | .0014464 | .1881329 |
| #3 | 4.200541 | .0037314 | .1943760 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2713.020 | 93314.21 | 13613.43 | 3509.915 | 5028.052 |
| Stddev | 9.384 | 296.79 | 243.11 | 20.363 | 19.280 |
| %RSD | .3458883 | .3180590 | 1.785780 | .5801475 | .3834475 |
| | | | | | |
| #1 | 2704.181 | 93040.35 | 13550.75 | 3488.019 | 5010.356 |
| #2 | 2712.010 | 93629.57 | 13881.74 | 3528.283 | 5025.200 |
| #3 | 2722.868 | 93272.71 | 13407.80 | 3513.443 | 5048.599 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV03 Acquired: 8/7/2024 18:51:30 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.716102 | 4.988259 | 4.950342 | 4.666678 | 4.776040 | 9.392072 |
| Stddev | .031280 | .006447 | .032507 | .029365 | .033850 | .014605 |
| %RSD | .6632638 | .1292351 | .6566612 | .6292460 | .7087459 | .1555034 |
| #1 | 4.687075 | 4.983148 | 4.925730 | 4.637479 | 4.746340 | 9.405751 |
| #2 | 4.712002 | 4.995502 | 4.938104 | 4.666351 | 4.768883 | 9.393774 |
| #3 | 4.749231 | 4.986128 | 4.987192 | 4.696206 | 4.812896 | 9.376690 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.844111 | .2518247 | 2.438146 | 24.71112 | .9959542 | 2.426973 |
| Stddev | .080295 | .0005956 | .015644 | .04125 | .0053665 | .016381 |
| %RSD | .8156626 | .2365245 | .6416406 | .1669445 | .5388264 | .6749609 |
| #1 | 9.932265 | .2521886 | 2.426821 | 24.73516 | .9973099 | 2.415134 |
| #2 | 9.775157 | .2511373 | 2.431620 | 24.66349 | 1.000513 | 2.420117 |
| #3 | 9.824912 | .2521482 | 2.455996 | 24.73472 | .990040 | 2.445669 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.199036 | 4.922774 | 2.455917 | 24.18515 | 2.436072 | 1.238580 |
| Stddev | .011676 | .006828 | .002425 | .06593 | .015597 | .001316 |
| %RSD | .9738005 | .1386991 | .0987271 | .2726235 | .6402403 | .1062705 |
| #1 | 1.188543 | 4.930285 | 2.456765 | 24.16893 | 2.424922 | 1.239572 |
| #2 | 1.196951 | 4.921094 | 2.453182 | 24.12884 | 2.429400 | 1.239081 |
| #3 | 1.211614 | 4.916943 | 2.457804 | 24.25768 | 2.453896 | 1.237087 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.63713 | 2.418437 | 2.501466 | 24.23197 | 4.905832 | 4.967234 |
| Stddev | .04239 | .002036 | .011504 | .02577 | .008893 | .029499 |
| %RSD | .1793390 | .0841839 | .4598717 | .1063579 | .1812744 | .5938724 |
| #1 | 23.67727 | 2.418071 | 2.508591 | 24.25573 | 4.915921 | 4.939168 |
| #2 | 23.64133 | 2.416610 | 2.507611 | 24.23562 | 4.899127 | 4.964552 |
| #3 | 23.59280 | 2.420632 | 2.488195 | 24.20457 | 4.902450 | 4.997983 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV03 Acquired: 8/7/2024 18:51:30 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.861240 | 4.894870 | 4.733723 | 4.884098 | F 4.439280 | F 4.322959 |
| Stddev | .026609 | .011567 | .025703 | .030845 | .037183 | .008950 |
| %RSD | .5473780 | .2363016 | .5429727 | .6315443 | .8375949 | .2070296 |
| #1 | 4.842780 | 4.902315 | 4.708590 | 4.853008 | 4.414902 | 4.333195 |
| #2 | 4.849198 | 4.881545 | 4.732618 | 4.884595 | 4.420861 | 4.319072 |
| #3 | 4.891741 | 4.900752 | 4.759961 | 4.914692 | 4.482077 | 4.316610 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.896201 |
| Stddev | .017178 |
| %RSD | .3508453 |
| #1 | 4.893584 |
| #2 | 4.880481 |
| #3 | 4.914537 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2789.040 | 94570.96 | 13297.07 | 3619.921 | 5078.113 |
| Stddev | 21.278 | 56.31 | 31.47 | 4.934 | 39.595 |
| %RSD | .7629193 | .0595441 | .2366867 | .1363008 | .7797143 |
| #1 | 2808.174 | 94514.18 | 13260.79 | 3614.925 | 5110.441 |
| #2 | 2792.821 | 94571.89 | 13317.07 | 3620.048 | 5089.949 |
| #3 | 2766.125 | 94626.79 | 13313.35 | 3624.791 | 5033.951 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB03 Acquired: 8/7/2024 18:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000100 | .0008465 | -.000327 | -.000182 | .0005633 | .0070506 | -.001617 |
| Stddev | .000657 | .0002679 | .000917 | .001762 | .0006536 | .0034893 | .001313 |
| %RSD | 660.0981 | 31.65151 | 280.6403 | 966.3903 | 116.0322 | 49.48933 | 81.19174 |
| #1 | -.000001 | .0008749 | .000090 | -.002170 | .0001422 | .0110597 | -.001905 |
| #2 | -.000801 | .0005655 | .000308 | .000434 | .0002315 | .0053930 | -.000184 |
| #3 | .000503 | .0010990 | -.001379 | .001189 | .0013163 | .0046990 | -.002763 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000352 | -.000009 | -.005233 | .0000832 | .0001984 | .0001804 | -.000790 |
| Stddev | .0000412 | .000075 | .003201 | .0001407 | .0001228 | .0001688 | .001467 |
| %RSD | 117.0090 | 797.9349 | 61.16341 | 169.0720 | 61.89744 | 93.55058 | 185.6436 |
| #1 | .0000090 | -.000001 | -.004958 | -.000067 | .0002245 | .0001301 | .000902 |
| #2 | .0000139 | .000061 | -.008562 | .000211 | .0003061 | .0000425 | -.001701 |
| #3 | .0000828 | -.000089 | -.002179 | .000106 | .0000647 | .0003687 | -.001571 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000229 | -.006234 | -.000080 | -.000015 | .5090810 | .0006119 | -.000204 |
| Stddev | .000204 | .014552 | .000118 | .000153 | .0228407 | .0010545 | .000122 |
| %RSD | 88.99752 | 233.4268 | 146.5993 | 989.2887 | 4.486643 | 172.3411 | 59.64150 |
| #1 | -.000021 | -.008518 | -.000128 | -.000058 | .4831905 | .0017935 | -.000079 |
| #2 | -.000429 | -.019509 | .000054 | .000154 | .5176726 | -.000233 | -.000321 |
| #3 | -.000237 | .009324 | -.000167 | -.000142 | .5263800 | .000275 | -.000212 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .8344575 | .0040639 | .0002669 | -.003414 | -.000225 | -.007415 | -.004557 |
| Stddev | .0311816 | .0004957 | .0001939 | .000515 | .000782 | .002555 | .000367 |
| %RSD | 3.736752 | 12.19795 | 72.64187 | 15.08702 | 347.1210 | 34.46495 | 8.051713 |
| #1 | .8061688 | .0046191 | .0004905 | -.004004 | -.000755 | -.007565 | -.004324 |
| #2 | .8293119 | .0039066 | .0001630 | -.003057 | .000672 | -.009891 | -.004367 |
| #3 | .8678919 | .0036659 | .0001471 | -.003181 | -.000593 | -.004787 | -.004980 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB03 Acquired: 8/7/2024 18:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | -.001850 | .0029548 | -.000066 |
| Stddev | .000447 | .0002331 | .000010 |
| %RSD | 24.18780 | 7.888046 | 15.03376 |
| | | | |
| #1 | -.002242 | .0027656 | -.000063 |
| #2 | -.001945 | .0028836 | -.000057 |
| #3 | -.001362 | .0032151 | -.000077 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2717.416 | 103644.1 | 13797.95 | 3904.276 | 5032.866 |
| Stddev | 24.415 | 323.8 | 62.83 | 8.994 | 54.577 |
| %RSD | .8984513 | .3123970 | .4553314 | .2303705 | 1.084404 |
| | | | | | |
| #1 | 2745.078 | 103719.0 | 13857.56 | 3894.134 | 5093.364 |
| #2 | 2708.296 | 103289.4 | 13732.34 | 3907.407 | 5017.903 |
| #3 | 2698.874 | 103923.8 | 13803.97 | 3911.286 | 4987.332 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LR1 Acquired: 8/7/2024 19:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0419043 | -.012289 | .0492429 | -.115214 | -.002260 | 1988.991 | .0157141 |
| Stddev | .0079528 | .003413 | .0038997 | .005546 | .005091 | 14.391 | .0005246 |
| %RSD | 18.97847 | 27.77458 | 7.919374 | 4.813397 | 225.2593 | .7235155 | 3.338527 |
| #1 | .0328227 | -.016052 | .0533994 | -.116634 | -.006593 | 2005.376 | .0151821 |
| #2 | .0476241 | -.011423 | .0486647 | -.119911 | .003347 | 1983.197 | .0157291 |
| #3 | .0452660 | -.009392 | .0456645 | -.109096 | -.003533 | 1978.401 | .0162310 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0069283 | .0696885 | 1646.331 | .0243813 | .0397801 | -.019714 | 907.7457 |
| Stddev | .0000923 | .0021672 | 16.180 | .0001140 | .0004876 | .009507 | 3.9674 |
| %RSD | 1.332333 | 3.109853 | .9827863 | .4677797 | 1.225744 | 48.22263 | .4370588 |
| #1 | .0070041 | .0714574 | 1662.362 | .0242802 | .0403151 | -.012490 | 903.6156 |
| #2 | .0068255 | .0672711 | 1646.623 | .0243588 | .0396645 | -.030484 | 911.5274 |
| #3 | .0069553 | .0703372 | 1630.007 | .0245049 | .0393607 | -.016169 | 908.0941 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0108810 | 1734.212 | .0410891 | .0114347 | 1806.618 | .0139198 | .0478760 |
| Stddev | .0007811 | 23.490 | .0003866 | .0004829 | 3.001 | .0008998 | .0008252 |
| %RSD | 7.178866 | 1.354519 | .9410017 | 4.222983 | .1661310 | 6.464049 | 1.723672 |
| #1 | .0117563 | 1760.554 | .0415132 | .0119506 | 1803.615 | .0131780 | .0482926 |
| #2 | .0102549 | 1715.440 | .0409978 | .0109935 | 1809.618 | .0149207 | .0484099 |
| #3 | .0106317 | 1726.641 | .0407562 | .0113600 | 1806.622 | .0136606 | .0469256 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1407.191 | .0371593 | -.000003 | -.000205 | -.053455 | .1333908 | .0601927 |
| Stddev | 1.388 | .0164595 | .001806 | .000989 | .001969 | .0083745 | .0031629 |
| %RSD | .0986470 | 44.29455 | 70206.63 | 482.3052 | 3.684049 | 6.278145 | 5.254648 |
| #1 | 1408.319 | .0223238 | -.001872 | .000451 | -.054154 | .1400213 | .0626941 |
| #2 | 1405.641 | .0548653 | .001731 | -.001342 | -.051232 | .1239797 | .0612466 |
| #3 | 1407.615 | .0342887 | .000133 | .000276 | -.054980 | .1361714 | .0566374 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: LR1 Acquired: 8/7/2024 19:07:49 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.199870 | .3125616 | -.895953 |
| Stddev | .007291 | .0013233 | .003936 |
| %RSD | 3.647731 | .4233703 | .4393241 |
| | | | |
| #1 | -.198976 | .3111114 | -.891844 |
| #2 | -.193068 | .3137037 | -.899690 |
| #3 | -.207566 | .3128698 | -.896325 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 1840.516 | 69187.81 | 11116.11 | 2492.633 | 2952.148 |
| Stddev | 15.525 | 373.55 | 74.16 | 22.427 | 25.511 |
| %RSD | .8435366 | .5399099 | .6671112 | .8997355 | .8641598 |
| | | | | | |
| #1 | 1829.153 | 69598.54 | 11040.70 | 2504.374 | 2934.795 |
| #2 | 1858.206 | 68868.37 | 11188.95 | 2466.773 | 2981.440 |
| #3 | 1834.189 | 69096.52 | 11118.67 | 2506.752 | 2940.210 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-01 Acquired: 8/7/2024 19:12:57 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.003215 | -.003699 | .0019290 | -.001494 | .0007554 | .0821130 | .0032424 |
| Stddev | .002605 | .000875 | .0003370 | .001561 | .0008593 | .0022862 | .0006438 |
| %RSD | 81.00304 | 23.65892 | 17.46955 | 104.5227 | 113.7627 | 2.784205 | 19.85463 |
| #1 | -.001838 | -.004534 | .0022096 | .000302 | .0001184 | .0845739 | .0028179 |
| #2 | -.006219 | -.003775 | .0020222 | -.002529 | .0017327 | .0817099 | .0039831 |
| #3 | -.001589 | -.002789 | .0015552 | -.002254 | .0004149 | .0800551 | .0029262 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000868 | .0000756 | 6.683393 | .0010197 | .0103924 | .0041586 | 14.56159 |
| Stddev | .0000304 | .0001330 | .035837 | .0002170 | .0000970 | .0001691 | .13764 |
| %RSD | 34.99713 | 175.8786 | .5362113 | 21.28227 | .9337824 | 4.066786 | .9452357 |
| #1 | .0000831 | .0001286 | 6.666737 | .0007777 | .0102804 | .0042153 | 14.41445 |
| #2 | .0000585 | -.000076 | 6.724527 | .0011970 | .0104483 | .0042921 | 14.68720 |
| #3 | .0001189 | .000174 | 6.658915 | .0010845 | .0104486 | .0039684 | 14.58311 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .6120579 | 2.982767 | .0106335 | .0005162 | 13.66353 | .0026377 | .0388074 |
| Stddev | .0031069 | .017366 | .0002251 | .0002467 | .08861 | .0014998 | .0003110 |
| %RSD | .5076197 | .5822130 | 2.116980 | 47.79612 | .6485091 | 56.85921 | .8014379 |
| #1 | .6118929 | 3.002819 | .0108443 | .0002355 | 13.56797 | .0043483 | .0390752 |
| #2 | .6152440 | 2.972575 | .0103964 | .0006147 | 13.74299 | .0015484 | .0384663 |
| #3 | .6090367 | 2.972908 | .0106598 | .0006985 | 13.67961 | .0020164 | .0388809 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.274603 | .0078482 | .0001449 | -.004686 | .0016824 | 4.641398 | .0037430 |
| Stddev | .038003 | .0001002 | .0000871 | .000226 | .0005183 | .029369 | .0009064 |
| %RSD | 2.981563 | 1.277141 | 60.07372 | 4.813480 | 30.80520 | .6327540 | 24.21524 |
| #1 | 1.231021 | .0079313 | .0000449 | -.004574 | .0020940 | 4.611270 | .0046155 |
| #2 | 1.300828 | .0077369 | .0001859 | -.004539 | .0011004 | 4.669943 | .0028062 |
| #3 | 1.291961 | .0078764 | .0002040 | -.004946 | .0018529 | 4.642980 | .0038072 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-01 Acquired: 8/7/2024 19:12:57 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .7568199 | .0001410 | .0287921 |
| Stddev | .0038593 | .0004675 | .0003412 |
| %RSD | .5099308 | 331.4931 | 1.185138 |
| | | | |
| #1 | .7534976 | -.000074 | .0291324 |
| #2 | .7559089 | -.000180 | .0287939 |
| #3 | .7610531 | .000677 | .0284499 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2690.173 | 98403.24 | 12992.79 | 3726.910 | 5024.333 |
| Stddev | 14.035 | 499.81 | 54.58 | 22.597 | 24.014 |
| %RSD | .5217098 | .5079173 | .4201063 | .6063283 | .4779518 |
| | | | | | |
| #1 | 2702.776 | 98979.38 | 12929.81 | 3752.279 | 5045.330 |
| #2 | 2692.696 | 98144.40 | 13022.00 | 3719.513 | 5029.520 |
| #3 | 2675.048 | 98085.94 | 13026.55 | 3708.939 | 4998.150 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-03 Acquired: 8/7/2024 19:17:20 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002381 | -.003243 | .0015723 | -.000503 | .0013219 | -.034611 |
| Stddev | .001680 | .000975 | .0012457 | .001356 | .0005540 | .011532 |
| %RSD | 70.56097 | 30.06719 | 79.22518 | 269.6462 | 41.90955 | 33.31964 |
| #1 | -.004251 | -.002496 | .0028038 | -.001848 | .0012031 | -.037445 |
| #2 | -.000998 | -.004346 | .0003129 | -.000523 | .0019257 | -.044462 |
| #3 | -.001894 | -.002886 | .0016002 | .000863 | .0008370 | -.021926 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2423551 | -.000134 | -.000079 | 140.7153 | .0009246 | .0040123 |
| Stddev | .0197857 | .000037 | .000054 | 10.8961 | .0001017 | .0001501 |
| %RSD | 8.163935 | 27.58252 | 68.15512 | 7.743363 | 10.99705 | 3.741168 |
| #1 | .2567284 | -.000173 | -.000135 | 148.7539 | .0008950 | .0040740 |
| #2 | .2197889 | -.000098 | -.000073 | 128.3138 | .0010377 | .0038412 |
| #3 | .2505479 | -.000132 | -.000028 | 145.0782 | .0008409 | .0041218 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0256240 | .0234739 | .0761782 | 18.01932 | .0062477 | .0001984 |
| Stddev | .0001330 | .0032649 | .0058455 | 1.41482 | .0001525 | .0001155 |
| %RSD | .5191689 | 13.90863 | 7.673503 | 7.851701 | 2.440905 | 58.20276 |
| #1 | .0256818 | .0209009 | .0802525 | 19.08737 | .0061681 | .0001174 |
| #2 | .0254719 | .0223740 | .0694805 | 16.41470 | .0061515 | .0003306 |
| #3 | .0257184 | .0271466 | .0788016 | 18.55590 | .0064236 | .0001472 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 18.23418 | .0012802 | .0347847 | 12.60891 | 1.700724 | .0039758 |
| Stddev | .39541 | .0004565 | .0011066 | .31290 | .116157 | .0001103 |
| %RSD | 2.168516 | 35.66095 | 3.181181 | 2.481558 | 6.829874 | 2.773587 |
| #1 | 17.83668 | .0013164 | .0335169 | 12.27313 | 1.787234 | .0040862 |
| #2 | 18.23839 | .0008067 | .0352811 | 12.66130 | 1.568702 | .0038657 |
| #3 | 18.62747 | .0017176 | .0355562 | 12.89231 | 1.746236 | .0039754 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-03 Acquired: 8/7/2024 19:17:20 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.006423 | -.004706 | 5.000674 | .1088872 | F 14.09720 | .0147304 |
| Stddev | .001157 | .000987 | .120721 | .0003348 | .04048 | .0008432 |
| %RSD | 18.01856 | 20.97017 | 2.414087 | .3075198 | .2871232 | 5.723997 |
| #1 | -.006176 | -.005807 | 4.879449 | .1088995 | 14.13905 | .0157036 |
| #2 | -.005408 | -.003901 | 5.001687 | .1092158 | 14.09429 | .0142679 |
| #3 | -.007683 | -.004409 | 5.120884 | .1085464 | 14.05826 | .0142197 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 1.833959 |
| Stddev | .123501 |
| %RSD | 6.734137 |
| #1 | 1.938686 |
| #2 | 1.697770 |
| #3 | 1.865421 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2697.631 | 93358.48 | 13736.90 | 3496.218 | 5065.154 |
| Stddev | 15.934 | 2292.54 | 1010.98 | 64.105 | 26.028 |
| %RSD | .5906504 | 2.455628 | 7.359587 | 1.833556 | .5138729 |
| #1 | 2679.528 | 96003.42 | 12988.88 | 3568.892 | 5035.126 |
| #2 | 2709.529 | 92130.44 | 14887.07 | 3472.056 | 5081.270 |
| #3 | 2703.835 | 91941.57 | 13334.74 | 3447.705 | 5079.066 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-04 Acquired: 8/7/2024 19:21:50 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.001594 | -.003735 | .0010098 | .0016207 | .0018945 | -.026623 |
| Stddev | .001117 | .000942 | .0001060 | .0010979 | .0010699 | .010148 |
| %RSD | 70.08349 | 25.21329 | 10.49735 | 67.74107 | 56.47180 | 38.11814 |
| #1 | -.002842 | -.004598 | .0009252 | .0018500 | .0022021 | -.016765 |
| #2 | -.001255 | -.002731 | .0009755 | .0004263 | .0027769 | -.026067 |
| #3 | -.000686 | -.003877 | .0011288 | .0025858 | .0007045 | -.037038 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .2302924 | -.000171 | -.000211 | 134.2441 | .0005349 | .0036445 |
| Stddev | .0013561 | .000046 | .000067 | .8379 | .0001707 | .0000296 |
| %RSD | .5888457 | 27.20323 | 31.97706 | .6241446 | 31.90294 | .8114971 |
| #1 | .2288792 | -.000139 | -.000157 | 133.2810 | .0003847 | .0036359 |
| #2 | .2304152 | -.000149 | -.000287 | 134.6456 | .0007205 | .0036202 |
| #3 | .2315830 | -.000224 | -.000189 | 134.8056 | .0004996 | .0036774 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0009329 | .0293989 | .0710370 | 17.54178 | .0023871 | -.000156 |
| Stddev | .0004284 | .0012794 | .0000687 | .17252 | .0000549 | .000372 |
| %RSD | 45.92315 | 4.351882 | .0966672 | .9834570 | 2.300216 | 239.3069 |
| #1 | .0011570 | .0289618 | .0710056 | 17.34891 | .0024175 | .000002 |
| #2 | .0004389 | .0283954 | .0711158 | 17.68136 | .0023237 | .000112 |
| #3 | .0012027 | .0308396 | .0709897 | 17.59508 | .0024201 | -.000581 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 16.49458 | .0023841 | .0091719 | 11.69560 | 1.680360 | .0038273 |
| Stddev | .04822 | .0007614 | .0000599 | .04581 | .003224 | .0003507 |
| %RSD | .2923527 | 31.93438 | .6531737 | .3917251 | .1918548 | 9.162425 |
| #1 | 16.43927 | .0031626 | .0091270 | 11.64382 | 1.678630 | .0042274 |
| #2 | 16.52780 | .0016412 | .0092399 | 11.73089 | 1.684080 | .0036812 |
| #3 | 16.51667 | .0023486 | .0091488 | 11.71208 | 1.678371 | .0035733 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-04 Acquired: 8/7/2024 19:21:50 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.005768 | -.004081 | 4.628938 | .0967713 | F 14.17086 | .0151909 |
| Stddev | .000462 | .000944 | .027390 | .0003887 | .01206 | .0027447 |
| %RSD | 8.010285 | 23.14475 | .5917046 | .4016955 | .0850961 | 18.06794 |
| | | | | | | |
| #1 | -.005430 | -.003071 | 4.599253 | .0963757 | 14.15694 | .0152200 |
| #2 | -.005580 | -.004227 | 4.653230 | .0967853 | 14.17753 | .0124318 |
| #3 | -.006295 | -.004943 | 4.634330 | .0971528 | 14.17811 | .0179210 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 1.740057 |
| Stddev | .008807 |
| %RSD | .5061221 |
| | |
| #1 | 1.730169 |
| #2 | 1.742945 |
| #3 | 1.747057 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2679.230 | 94290.64 | 12706.49 | 3538.417 | 5028.489 |
| Stddev | 1.007 | 54.67 | 5.64 | 7.190 | 4.025 |
| %RSD | .0375733 | .0579803 | .0443965 | .2032019 | .0800476 |
| | | | | | |
| #1 | 2680.005 | 94251.70 | 12710.90 | 3545.892 | 5026.079 |
| #2 | 2679.593 | 94267.07 | 12700.14 | 3531.550 | 5026.253 |
| #3 | 2678.092 | 94353.14 | 12708.44 | 3537.809 | 5033.136 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-05 Acquired: 8/7/2024 19:26:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002754 | -.003626 | .0129906 | .0010572 | .0002699 | .0457534 | .0025134 |
| Stddev | .001430 | .001296 | .0002772 | .0009915 | .0014121 | .0042113 | .0007670 |
| %RSD | 51.92241 | 35.75458 | 2.133831 | 93.78843 | 523.1767 | 9.204401 | 30.51779 |
| #1 | -.003526 | -.002129 | .0132019 | .0020986 | -.001354 | .0457323 | .0016974 |
| #2 | -.003631 | -.004367 | .0126768 | .0001245 | .000953 | .0415526 | .0026230 |
| #3 | -.001104 | -.004381 | .0130932 | .0009485 | .001211 | .0499752 | .0032197 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000088 | -.000053 | 5.862373 | .0039729 | .0115713 | .0066634 | 3.113201 |
| Stddev | .000027 | .000058 | .036406 | .0001498 | .0000117 | .0003032 | .033118 |
| %RSD | 30.32938 | 108.5038 | .6210109 | 3.769379 | .1013157 | 4.549616 | 1.063795 |
| #1 | -.000117 | .000004 | 5.824943 | .0040135 | .0115618 | .0066390 | 3.076477 |
| #2 | -.000082 | -.000111 | 5.897660 | .0038071 | .0115844 | .0063732 | 3.122328 |
| #3 | -.000065 | -.000052 | 5.864516 | .0040983 | .0115678 | .0069781 | 3.140799 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .1105253 | 2.637795 | .0152368 | .0001041 | 11.95466 | .0027467 | .0550598 |
| Stddev | .0002174 | .009430 | .0000909 | .0001481 | .14156 | .0004253 | .0012476 |
| %RSD | .1966573 | .3575144 | .5968758 | 142.2808 | 1.184129 | 15.48528 | 2.265941 |
| #1 | .1106917 | 2.634508 | .0151789 | .0001981 | 11.81551 | .0024418 | .0536610 |
| #2 | .1106048 | 2.630449 | .0153417 | -.000067 | 11.94996 | .0032326 | .0554608 |
| #3 | .1102793 | 2.648430 | .0151900 | .000181 | 12.09851 | .0025657 | .0560576 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.016307 | .0091379 | .0001814 | .0627456 | .0005181 | 4.898596 | .0029891 |
| Stddev | .016324 | .0004684 | .0001385 | .0005259 | .0005445 | .033264 | .0005085 |
| %RSD | 1.606185 | 5.125962 | 76.35137 | .8382316 | 105.1049 | .6790509 | 17.01302 |
| #1 | .999951 | .0096541 | .0000788 | .0623384 | .0002555 | 4.860416 | .0024104 |
| #2 | 1.016370 | .0087400 | .0001265 | .0625589 | .0011442 | 4.914056 | .0031920 |
| #3 | 1.032599 | .0090196 | .0003390 | .0633394 | .0001546 | 4.921317 | .0033649 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-05 Acquired: 8/7/2024 19:26:19 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .6822536 | .0009194 | .0355439 |
| Stddev | .0026087 | .0007612 | .0000557 |
| %RSD | .3823594 | 82.79264 | .1566959 |
| | | | |
| #1 | .6802116 | .0011552 | .0355738 |
| #2 | .6813569 | .0000682 | .0355783 |
| #3 | .6851924 | .0015349 | .0354796 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2826.700 | 98105.47 | 13120.79 | 3733.432 | 5442.881 |
| Stddev | 2.840 | 1048.76 | 15.11 | 38.237 | 7.238 |
| %RSD | .1004793 | 1.069013 | .1151978 | 1.024174 | .1329792 |
| | | | | | |
| #1 | 2829.715 | 99192.94 | 13116.30 | 3769.553 | 5447.877 |
| #2 | 2824.075 | 98023.22 | 13108.43 | 3737.360 | 5446.186 |
| #3 | 2826.311 | 97100.26 | 13137.65 | 3693.383 | 5434.581 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-07 Acquired: 8/7/2024 19:30:44 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002000 | -.002639 | .0016905 | .0003409 | .0004399 | -.009706 | .1712434 |
| Stddev | .001516 | .000515 | .0008810 | .0028231 | .0005828 | .006533 | .0007706 |
| %RSD | 75.78485 | 19.51560 | 52.11293 | 828.1963 | 132.5011 | 67.31283 | .4500144 |
| #1 | -.002951 | -.002955 | .0018467 | .0015762 | .0008597 | -.017250 | .1711311 |
| #2 | -.002797 | -.002045 | .0007418 | .0023358 | .0006855 | -.005885 | .1720640 |
| #3 | -.000252 | -.002918 | .0024829 | -.002889 | -.000226 | -.005983 | .1705351 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000146 | -.000082 | 88.84222 | .0008073 | .0025619 | .0036497 | .0352899 |
| Stddev | .000039 | .000032 | .32308 | .0001653 | .0001112 | .0004794 | .0015788 |
| %RSD | 26.92566 | 38.62756 | .3636565 | 20.47338 | 4.338604 | 13.13411 | 4.473838 |
| #1 | -.000104 | -.000108 | 88.65679 | .0007179 | .0026804 | .0031230 | .0341903 |
| #2 | -.000182 | -.000047 | 89.21528 | .0007060 | .0025454 | .0040604 | .0345803 |
| #3 | -.000152 | -.000091 | 88.65459 | .0009981 | .0024599 | .0037658 | .0370990 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0482889 | 11.82936 | .0020575 | .0000917 | 13.65362 | .0001345 | .0184012 |
| Stddev | .0001236 | .09633 | .0002316 | .0002804 | .03372 | .0023163 | .0006050 |
| %RSD | .2558965 | .8143198 | 11.25513 | 305.7134 | .2469569 | 1721.900 | 3.288126 |
| #1 | .0483028 | 11.83575 | .0020423 | .0000656 | 13.62663 | .0028086 | .0178765 |
| #2 | .0484048 | 11.92233 | .0022963 | .0003843 | 13.64280 | -.001158 | .0182640 |
| #3 | .0481589 | 11.72999 | .0018339 | -.000175 | 13.69141 | -.001247 | .0190631 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 6.047953 | 1.186847 | .0026643 | -.006171 | -.003012 | 3.243778 | .1157209 |
| Stddev | .009699 | .004730 | .0000518 | .000005 | .000857 | .015922 | .0009726 |
| %RSD | .1603713 | .3985471 | 1.943896 | .0831323 | 28.46122 | .4908421 | .8404701 |
| #1 | 6.037132 | 1.181922 | .0026052 | -.006165 | -.003408 | 3.251373 | .1163683 |
| #2 | 6.055864 | 1.191354 | .0027014 | -.006171 | -.002028 | 3.225481 | .1161919 |
| #3 | 6.050864 | 1.187264 | .0026865 | -.006176 | -.003598 | 3.254480 | .1146024 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-07 Acquired: 8/7/2024 19:30:44 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 4.599890 | .0091027 | 1.118246 |
| Stddev | .021987 | .0023405 | .006958 |
| %RSD | .4779859 | 25.71158 | .6222325 |
| | | | |
| #1 | 4.620528 | .0064633 | 1.111760 |
| #2 | 4.602377 | .0099194 | 1.125595 |
| #3 | 4.576766 | .0109254 | 1.117381 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2655.952 | 93338.26 | 12972.96 | 3528.294 | 4938.611 |
| Stddev | 15.670 | 204.26 | 64.65 | 11.814 | 30.504 |
| %RSD | .5899891 | .2188399 | .4983496 | .3348393 | .6176688 |
| | | | | | |
| #1 | 2642.186 | 93445.05 | 13028.77 | 3541.579 | 4910.897 |
| #2 | 2652.667 | 93466.98 | 12902.12 | 3518.966 | 4933.640 |
| #3 | 2673.004 | 93102.74 | 12987.99 | 3524.338 | 4971.295 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-08 Acquired: 8/7/2024 19:35:06 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.000841 | -.001736 | -.000186 | .0010090 | .0016470 | -.025251 | .1900451 |
| Stddev | .001244 | .000700 | .001443 | .0005934 | .0003910 | .009700 | .0008982 |
| %RSD | 147.8480 | 40.28530 | 776.3100 | 58.80967 | 23.73850 | 38.41397 | .4726111 |
| #1 | -.001973 | -.000934 | -.001168 | .0003630 | .0020981 | -.019265 | .1910780 |
| #2 | -.001042 | -.002059 | -.000861 | .0015298 | .0014046 | -.020045 | .1896093 |
| #3 | .000491 | -.002217 | .001471 | .0011343 | .0014385 | -.036442 | .1894479 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000110 | -.000020 | 102.3292 | .0016678 | .0028079 | .0004341 | .0400955 |
| Stddev | .000026 | .000049 | .7023 | .0001099 | .0001578 | .0005747 | .0027957 |
| %RSD | 23.52276 | 239.8680 | .6862956 | 6.589186 | 5.619110 | 132.3742 | 6.972570 |
| #1 | -.000123 | .000034 | 102.8368 | .0016752 | .0029790 | -.000229 | .0399764 |
| #2 | -.000126 | -.000059 | 102.6231 | .0015544 | .0027766 | .000762 | .0373612 |
| #3 | -.000080 | -.000036 | 101.5277 | .0017738 | .0026681 | .000770 | .0429488 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0619860 | 13.24583 | .0031163 | .0001491 | 14.99395 | .0018330 | .0098234 |
| Stddev | .0001907 | .11284 | .0001121 | .0001994 | .17486 | .0001707 | .0001430 |
| %RSD | .3076849 | .8518780 | 3.597952 | 133.7058 | 1.166225 | 9.313842 | 1.455264 |
| #1 | .0621892 | 13.37403 | .0031926 | .0002817 | 14.87492 | .0017254 | .0097707 |
| #2 | .0618108 | 13.20186 | .0029876 | .0002459 | 14.91222 | .0017438 | .0099853 |
| #3 | .0619579 | 13.16159 | .0031688 | -.000080 | 15.19471 | .0020298 | .0097144 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 7.788004 | 1.280686 | .0028551 | -.007059 | -.003640 | 3.549347 | .1155134 |
| Stddev | .085785 | .006437 | .0001423 | .000331 | .000229 | .048044 | .0013040 |
| %RSD | 1.101504 | .5026077 | 4.984268 | 4.683537 | 6.299543 | 1.353603 | 1.128874 |
| #1 | 7.705997 | 1.287869 | .0029085 | -.006738 | -.003556 | 3.505136 | .1168565 |
| #2 | 7.780892 | 1.275441 | .0029629 | -.007040 | -.003900 | 3.542430 | .1154312 |
| #3 | 7.877124 | 1.278748 | .0026938 | -.007398 | -.003465 | 3.600474 | .1142524 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3455-08 Acquired: 8/7/2024 19:35:06 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

| Elem | S_1820 | Li6707 | Sr4077 |
|---|---|---|---|
| Units | ppm | ppm | ppm |
| Avg | 6.450552 | .0114434 | 1.305318 |
| Stddev | .036568 | .0006370 | .008224 |
| %RSD | .5668948 | 5.566623 | .6300419 |
| | | | |
| #1 | 6.425974 | .0112886 | 1.314812 |
| #2 | 6.492576 | .0108980 | 1.300404 |
| #3 | 6.433107 | .0121435 | 1.300738 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2714.428 | 93689.02 | 13723.23 | 3559.310 | 5083.811 |
| Stddev | 5.359 | 821.84 | 66.47 | 37.745 | 16.012 |
| %RSD | .1974372 | .8771966 | .4843884 | 1.060453 | .3149564 |
| | | | | | |
| #1 | 2720.614 | 94563.84 | 13652.95 | 3600.350 | 5097.913 |
| #2 | 2711.183 | 93570.10 | 13731.64 | 3551.497 | 5066.405 |
| #3 | 2711.486 | 92933.12 | 13785.10 | 3526.083 | 5087.114 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3457-01 Acquired: 8/7/2024 19:39:30 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.001885 | -.003736 | -.000129 | .0012231 | .0002179 | .0928999 | .3652654 |
| Stddev | .002159 | .001127 | .000676 | .0013073 | .0002018 | .0130595 | .0011354 |
| %RSD | 114.5505 | 30.15320 | 524.4237 | 106.8852 | 92.61031 | 14.05759 | .3108277 |
| #1 | .000260 | -.004310 | .000034 | .0019098 | .0002360 | .0891365 | .3642767 |
| #2 | -.001856 | -.002438 | .000451 | .0020440 | .0000077 | .1074279 | .3665053 |
| #3 | -.004059 | -.004461 | -.000871 | -.000284 | .0004101 | .0821354 | .3650141 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000152 | -.000020 | 67.23367 | .0017188 | .0044633 | .0012044 | 7.307816 |
| Stddev | .000029 | .000064 | .24183 | .0002585 | .0001015 | .0001501 | .044523 |
| %RSD | 19.40455 | 318.2060 | .3596888 | 15.03990 | 2.274775 | 12.46622 | .6092529 |
| #1 | -.000154 | .000039 | 66.99457 | .0014289 | .0043909 | .0011374 | 7.285138 |
| #2 | -.000180 | -.000087 | 67.47815 | .0019252 | .0044196 | .0010993 | 7.359113 |
| #3 | -.000121 | -.000011 | 67.22828 | .0018023 | .0045793 | .0013763 | 7.279198 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.863904 | 17.76596 | .0034561 | .0015470 | 308.8348 | .0023215 | .0205021 |
| Stddev | .014869 | .09835 | .0001076 | .0001144 | 2.0926 | .0030983 | .0001936 |
| %RSD | .3848233 | .5536127 | 3.114388 | 7.394262 | .6775790 | 133.4629 | .9441939 |
| #1 | 3.850361 | 17.67727 | .0035514 | .0014492 | 311.2184 | .0056239 | .0202786 |
| #2 | 3.879815 | 17.87174 | .0034775 | .0016728 | 307.9863 | -.000521 | .0206166 |
| #3 | 3.861536 | 17.74888 | .0033394 | .0015190 | 307.2997 | .001862 | .0206111 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.466872 | .1538675 | .0002768 | -.006579 | -.000671 | 4.861045 | .0817294 |
| Stddev | .046074 | .0002696 | .0000885 | .000801 | .001014 | .033948 | .0005019 |
| %RSD | .4866840 | .1751879 | 31.95896 | 12.18084 | 151.1585 | .6983746 | .6140807 |
| #1 | 9.449671 | .1541474 | .0003524 | -.006166 | .000497 | 4.858801 | .0811883 |
| #2 | 9.519072 | .1538453 | .0002985 | -.007503 | -.001187 | 4.896059 | .0821795 |
| #3 | 9.431873 | .1536097 | .0001795 | -.006069 | -.001323 | 4.828274 | .0818205 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3457-01 Acquired: 8/7/2024 19:39:30 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .9850976 | .0093004 | .4619843 |
| Stddev | .0045010 | .0003063 | .0012947 |
| %RSD | .4569043 | 3.293829 | .2802456 |
| | | | |
| #1 | .9898929 | .0089469 | .4613729 |
| #2 | .9809644 | .0094656 | .4634714 |
| #3 | .9844355 | .0094887 | .4611085 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2646.214 | 91900.90 | 12806.18 | 3444.174 | 4718.392 |
| Stddev | 11.875 | 461.02 | 23.56 | 22.104 | 20.363 |
| %RSD | .4487530 | .5016533 | .1839364 | .6417848 | .4315649 |
| | | | | | |
| #1 | 2632.835 | 91701.39 | 12806.16 | 3450.768 | 4697.862 |
| #2 | 2650.307 | 91573.22 | 12782.64 | 3419.523 | 4718.732 |
| #3 | 2655.502 | 92428.07 | 12829.75 | 3462.231 | 4738.583 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3457-02 Acquired: 8/7/2024 19:44:04 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.001796 | -.004255 | .0001751 | .0012284 | .0019234 | .0428085 | .3927475 |
| Stddev | .000731 | .001722 | .0001818 | .0013286 | .0017897 | .0120608 | .0047670 |
| %RSD | 40.72952 | 40.46866 | 103.8218 | 108.1495 | 93.04638 | 28.17379 | 1.213752 |
| #1 | -.000985 | -.002957 | -.000034 | .0025862 | .0036210 | .0566289 | .3935679 |
| #2 | -.002406 | -.003600 | .000263 | .0011679 | .0000540 | .0344118 | .3970510 |
| #3 | -.001997 | -.006209 | .000296 | -.000069 | .0020953 | .0373847 | .3876236 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | -.000212 | .0000501 | 73.28622 | .0027100 | .0044849 | .0005648 | 9.297937 |
| Stddev | .000013 | .0001158 | .69971 | .0001169 | .0000505 | .0002425 | .045837 |
| %RSD | 6.264989 | 231.2258 | .9547691 | 4.312844 | 1.125526 | 42.93822 | .4929787 |
| #1 | -.000203 | -.000036 | 73.42188 | .0026700 | .0044269 | .0005825 | 9.247316 |
| #2 | -.000227 | .000004 | 73.90817 | .0028416 | .0045190 | .0007981 | 9.309860 |
| #3 | -.000205 | .000182 | 72.52861 | .0026184 | .0045088 | .0003140 | 9.336633 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 3.687144 | 19.32544 | .0056360 | .0010362 | 321.3888 | .0013746 | .0122922 |
| Stddev | .042304 | .30239 | .0004600 | .0004252 | 4.4655 | .0029395 | .0002339 |
| %RSD | 1.147343 | 1.564730 | 8.162182 | 41.03567 | 1.389429 | 213.8530 | 1.902579 |
| #1 | 3.680063 | 19.27744 | .0054110 | .0005684 | 316.2495 | .0037048 | .0120667 |
| #2 | 3.732542 | 19.64897 | .0053317 | .0011408 | 324.3201 | -.001928 | .0125336 |
| #3 | 3.648828 | 19.04993 | .0061652 | .0013993 | 323.5969 | .002347 | .0122764 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.874995 | .1656774 | .0006066 | -.006152 | -.000493 | 4.951905 | .0970737 |
| Stddev | .086594 | .0004411 | .0001043 | .000195 | .000542 | .016735 | .0016956 |
| %RSD | .8768991 | .2662137 | 17.18906 | 3.167653 | 109.9132 | .3379601 | 1.746707 |
| #1 | 9.775068 | .1658987 | .0006238 | -.005954 | -.000008 | 4.932617 | .0985333 |
| #2 | 9.928028 | .1659640 | .0007012 | -.006344 | -.001077 | 4.962569 | .0952138 |
| #3 | 9.921890 | .1651695 | .0004948 | -.006157 | -.000393 | 4.960530 | .0974741 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: P3457-02 Acquired: 8/7/2024 19:44:04 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | 1.292977 | .0090260 | .5024761 |
| Stddev | .025468 | .0011237 | .0065851 |
| %RSD | 1.969730 | 12.44981 | 1.310526 |
| | | | |
| #1 | 1.283294 | .0099394 | .5024066 |
| #2 | 1.273770 | .0077711 | .5090957 |
| #3 | 1.321866 | .0093674 | .4959261 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2532.613 | 94757.10 | 12852.25 | 3536.202 | 4469.007 |
| Stddev | 43.811 | 502.85 | 179.38 | 21.135 | 83.766 |
| %RSD | 1.729882 | .5306737 | 1.395688 | .5976812 | 1.874373 |
| | | | | | |
| #1 | 2540.485 | 95293.08 | 12841.71 | 3560.266 | 4490.691 |
| #2 | 2571.954 | 94295.71 | 12678.37 | 3520.650 | 4539.798 |
| #3 | 2485.399 | 94682.50 | 13036.66 | 3527.689 | 4376.531 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV04 Acquired: 8/7/2024 19:48:36 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.736491 | 5.024569 | 5.004903 | 4.690939 | 4.784970 | 9.192762 |
| Stddev | .021043 | .035369 | .014654 | .024592 | .016697 | .145143 |
| %RSD | .4442827 | .7039291 | .2927996 | .5242442 | .3489389 | 1.578885 |
| | | | | | | |
| #1 | 4.741221 | 5.057320 | 5.003281 | 4.678111 | 4.780425 | 9.360190 |
| #2 | 4.713485 | 4.987062 | 4.991128 | 4.675413 | 4.771017 | 9.115548 |
| #3 | 4.754767 | 5.029323 | 5.020302 | 4.719292 | 4.803469 | 9.102546 |

| Elem | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 9.878383 | .2415191 | 2.456213 | 24.62556 | .9954956 | 2.434848 |
| Stddev | .325416 | .0037722 | .007967 | .45062 | .0140971 | .008522 |
| %RSD | 3.294219 | 1.561860 | .3243572 | 1.829894 | 1.416085 | .3499990 |
| | | | | | | |
| #1 | 10.21720 | .2456329 | 2.458279 | 25.13483 | .9896252 | 2.438007 |
| #2 | 9.84967 | .2407021 | 2.447416 | 24.46338 | .9852824 | 2.425197 |
| #3 | 9.56827 | .2382224 | 2.462943 | 24.27848 | 1.011579 | 2.441339 |

| Elem | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 1.198248 | 5.104744 | 2.436786 | 23.86816 | 2.450410 | 1.239063 |
| Stddev | .003429 | .102991 | .043904 | .41363 | .007224 | .019292 |
| %RSD | .2861935 | 2.017554 | 1.801705 | 1.732994 | .2948191 | 1.556956 |
| | | | | | | |
| #1 | 1.197990 | 5.069037 | 2.486987 | 24.34514 | 2.452790 | 1.224338 |
| #2 | 1.194955 | 5.024358 | 2.417801 | 23.65111 | 2.442296 | 1.231949 |
| #3 | 1.201799 | 5.220836 | 2.405570 | 23.60822 | 2.456144 | 1.260901 |

| Elem | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 23.88950 | 2.407907 | 2.501987 | 24.56625 | 4.698525 | 4.945224 |
| Stddev | .39871 | .045722 | .030263 | .42324 | .068847 | .011869 |
| %RSD | 1.668966 | 1.898845 | 1.209571 | 1.722832 | 1.465282 | .2400110 |
| | | | | | | |
| #1 | 23.75682 | 2.460330 | 2.485869 | 24.38990 | 4.768051 | 4.948298 |
| #2 | 23.57404 | 2.387125 | 2.483194 | 24.25970 | 4.697145 | 4.932120 |
| #3 | 24.33763 | 2.376267 | 2.536898 | 25.04914 | 4.630378 | 4.955254 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCV04 Acquired: 8/7/2024 19:48:36 Type: Unk
Method: NON EPA-6010-200.7(v2342) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

| Elem | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | 4.895710 | 4.857913 | 4.842371 | 4.976170 | F 4.482540 | F 4.112950 |
| Stddev | .020112 | .091792 | .107743 | .022306 | .007990 | .065735 |
| %RSD | .4108174 | 1.889529 | 2.225002 | .4482507 | .1782573 | 1.598249 |
| | | | | | | |
| #1 | 4.904248 | 4.963640 | 4.784729 | 4.981082 | 4.480856 | 4.188840 |
| #2 | 4.872737 | 4.811544 | 4.775710 | 4.951817 | 4.475526 | 4.076308 |
| #3 | 4.910144 | 4.798556 | 4.966672 | 4.995610 | 4.491238 | 4.073703 |

| Elem | Sr4077 |
|---|---|
| Units | ppm |
| Avg | 4.892043 |
| Stddev | .111196 |
| %RSD | 2.272988 |
| | |
| #1 | 5.010885 |
| #2 | 4.874714 |
| #3 | 4.790529 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2802.938 | 95658.43 | 14078.15 | 3677.440 | 5077.238 |
| Stddev | 12.018 | 1559.03 | 205.00 | 59.586 | 22.749 |
| %RSD | .4287468 | 1.629785 | 1.456147 | 1.620307 | .4480508 |
| | | | | | |
| #1 | 2807.087 | 96728.95 | 13856.55 | 3721.938 | 5082.384 |
| #2 | 2812.332 | 96376.59 | 14116.87 | 3700.638 | 5096.973 |
| #3 | 2789.396 | 93869.75 | 14261.03 | 3609.744 | 5052.357 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB04 Acquired: 8/7/2024 19:52:54 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | .0001600 | .0008296 | .0001849 | .0005847 | .0006339 | .0046916 | .0003226 |
| Stddev | .0015345 | .0018666 | .0004140 | .0010539 | .0001400 | .0012964 | .0012587 |
| %RSD | 959.3519 | 225.0075 | 223.9355 | 180.2588 | 22.08573 | 27.63214 | 390.1187 |
| #1 | -.000083 | .0029835 | -.000274 | .0017946 | .0007582 | .0031993 | .0005905 |
| #2 | -.001239 | -.000315 | .000529 | .0000930 | .0004823 | .0053354 | .0014258 |
| #3 | .001801 | -.000180 | .000300 | -.000134 | .0006613 | .0055401 | -.001048 |

| Elem | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000223 | -.000007 | -.003734 | -.000154 | .0001094 | -.000442 | -.001195 |
| Stddev | .0000273 | .000051 | .006525 | .000100 | .0000829 | .000224 | .001997 |
| %RSD | 122.2383 | 686.3183 | 174.7529 | 64.69779 | 75.74007 | 50.56743 | 167.0549 |
| #1 | .0000275 | -.000061 | -.000128 | -.000041 | .0001816 | -.000252 | -.002208 |
| #2 | .0000466 | .000040 | .000192 | -.000228 | .0001276 | -.000386 | .001105 |
| #3 | -.000007 | -.000001 | -.011265 | -.000194 | .0000190 | -.000688 | -.002483 |

| Elem | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .0000670 | -.005525 | -.000003 | .0002285 | .4627515 | .0004945 | -.000112 |
| Stddev | .0000415 | .014072 | .000263 | .0000793 | .0188412 | .0007342 | .000050 |
| %RSD | 61.93378 | 254.6936 | 8100.544 | 34.72466 | 4.071558 | 148.4592 | 44.91425 |
| #1 | .0000669 | .005469 | .000239 | .0002954 | .4433168 | -.000153 | -.000087 |
| #2 | .0000256 | -.000659 | .000035 | .0002491 | .4640005 | .000344 | -.000170 |
| #3 | .0001086 | -.021385 | -.000284 | .0001409 | .4809371 | .001292 | -.000079 |

| Elem | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avg | .7190283 | .0047351 | .0002933 | -.003640 | -.000060 | -.000549 | -.004990 |
| Stddev | .0596489 | .0006138 | .0001011 | .000123 | .000407 | .008090 | .000854 |
| %RSD | 8.295767 | 12.96371 | 34.46221 | 3.382236 | 674.8013 | 1473.707 | 17.10591 |
| #1 | .6542358 | .0049124 | .0003220 | -.003779 | .000327 | .001139 | -.005569 |
| #2 | .7311897 | .0052408 | .0003769 | -.003543 | -.000023 | -.009350 | -.005393 |
| #3 | .7716593 | .0040521 | .0001810 | -.003599 | -.000484 | .006564 | -.004010 |

Reviewed By:Mohan
On:8/8/2024 5:24:08 AM
Inst Id :P4
LB :LB131900

Sample Name: CCB04 Acquired: 8/7/2024 19:52:54 Type: Unk
Method: NON EPA-6010-200.7(v2342) 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 | -.002020 | -.000980 | .0000256 |
| Stddev | .003082 | .000835 | .0000052 |
| %RSD | 152.5666 | 85.20761 | 20.16908 |
| | | | |
| #1 | -.000041 | -.001878 | .0000261 |
| #2 | -.005570 | -.000835 | .0000202 |
| #3 | -.000448 | -.000227 | .0000305 |

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|---|---|---|---|---|---|
| Units | Cts/S | Cts/S | Cts/S | Cts/S | Cts/S |
| Avg | 2914.028 | 99014.07 | 13846.38 | 3825.398 | 5495.786 |
| Stddev | 27.822 | 421.32 | 100.77 | 14.533 | 39.608 |
| %RSD | .9547638 | .4255188 | .7277464 | .3798970 | .7206989 |
| | | | | | |
| #1 | 2882.201 | 99253.12 | 13906.24 | 3828.262 | 5451.257 |
| #2 | 2933.730 | 98527.59 | 13902.85 | 3809.646 | 5527.089 |
| #3 | 2926.154 | 99261.49 | 13730.04 | 3838.285 | 5509.010 |