

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Tully Environmental, Inc

**SDG No.:** Q3575

**Contract:** TULL01

**Lab Code:** ACE

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |           |
|---------|-------------------------|------------------------------------------|-----------|-----------|-----------|-----------|
|         |                         | Al                                       | Ca        | Fe        | Mg        | Ag        |
| Copper  | 224.700                 | 0.0000000                                | 0.0000000 | 0.0007850 | 0.0000000 | 0.0000000 |
| Iron    | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead    | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380 | 0.0000000 | 0.0000000 |



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| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |            |
|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|------------|
|         |                         | As                                     | Ba        | Be        | Cd        | Co         |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron    | 240.488                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead    | 220.353                 | 0.0000000                              | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |



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|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|------------|
|         |                         | Cr                                     | Cu        | K         | Mn        | Mo         |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500  |
| Iron    | 240.488                 | 0.0000000                              | 0.0000000 | 0.0000730 | 0.0000000 | -0.0015250 |
| Lead    | 220.353                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |

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| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |           |           |
|---------|-------------------------|----------------------------------------|------------|-----------|-----------|-----------|
|         |                         | Na                                     | Ni         | Pb        | Sb        | Se        |
| Copper  | 224.700                 | 0.0000000                              | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron    | 240.488                 | 0.0000000                              | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead    | 220.353                 | 0.0000000                              | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |



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|---------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|         |                         | Sn                                       | Ti         | Tl        | V         | Zn        |
| Copper  | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron    | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead    | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |