

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ATG-GREENVILLE AEC

**SDG No.:** Q3234

**Contract:** ATGG01

**Lab Code:** ACE

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

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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |           |
|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|-----------|
|         |                         | Al                                     | Ca        | Fe        | Mg        | Ag        |
| Cadmium | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000930 | 0.0000000 | 0.0000000 |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0007850 | 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        |
| Cadmium | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870 |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530 |
| Lead    | 220.353                 | 0.0000000                              | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000 |



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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |            |
|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|------------|
|         |                         | Cr                                     | Cu        | K         | Mn        | Mo         |
| Cadmium | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500  |
| Lead    | 220.353                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |

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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |           |           |
|---------|-------------------------|----------------------------------------|------------|-----------|-----------|-----------|
|         |                         | Na                                     | Ni         | Pb        | Sb        | Se        |
| Cadmium | 226.502                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper  | 224.700                 | 0.0000000                              | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Lead    | 220.353                 | 0.0000000                              | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |



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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |           |           |
|---------|-------------------------|----------------------------------------|------------|-----------|-----------|-----------|
|         |                         | Sn                                     | Ti         | Tl        | V         | Zn        |
| Cadmium | 226.502                 | 0.0000000                              | 0.0000630  | 0.0001280 | 0.0000000 | 0.0000000 |
| Copper  | 224.700                 | 0.0000000                              | 0.0003840  | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead    | 220.353                 | 0.0000000                              | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |