

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Aramark Uniforms

**SDG No.:** P4736

**Contract:** ARAM01

**Lab Code:** CHEM

**Case No.:** P4736

**SAS No.:** P4736

**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        |
| 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 |
| Nickel  | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc    | 213.800                 | 0.0000000                                | 0.0000000 | 0.0001050 | 0.0000000 | 0.0000000 |

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| Analyte | Wave-<br>Length<br>(nm) | ICP Interelement 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 |
| Nickel  | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc    | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interelement 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 |
| Nickel  | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc    | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000 | 0.0000000  |

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

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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interelement 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 |
| Nickel  | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc    | 213.800                 | 0.0000000                                | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

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

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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interelement 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 |
| Nickel  | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc    | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |