

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Elegant Jewelers Mfg. Co. Inc.

**SDG No.:** Q3531

**Contract:** ELEG01

**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 |
| Zinc    | 213.800                 | 0.0000000                                | 0.0000000 | 0.0001050 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Elegant Jewelers Mfg. Co. Inc.

**SDG No.:** Q3531

**Contract:** ELEG01

**Lab Code:** ACE

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

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

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

| 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 |
| Zinc    | 213.800                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Metals

- 11 -

### ICP INTERELEMENT CORRECTION FACTORS

**Client:** Elegant Jewelers Mfg. Co. Inc.

**SDG No.:** Q3531

**Contract:** ELEG01

**Lab Code:** ACE

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

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

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

| Analyte | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |           |           |
|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|-----------|
|         |                         | Cr                                     | Cu        | K         | Mn        | Mo        |
| Copper  | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0006510 | 0.0020500 |
| Zinc    | 213.800                 | 0.0000000                              | 0.0009010 | 0.0000000 | 0.0000000 | 0.0000000 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

**Metals**

**- 11 -**

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Elegant Jewelers Mfg. Co. Inc.

**SDG No.:** Q3531

**Contract:** ELEG01

**Lab Code:** ACE

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

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

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

| 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 |
| Zinc    | 213.800                 | 0.0000000                              | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Elegant Jewelers Mfg. Co. Inc.

**SDG No.:** Q3531

**Contract:** ELEG01

**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: |           |           |           |           |
|---------|-------------------------|----------------------------------------|-----------|-----------|-----------|-----------|
|         |                         | Sn                                     | Ti        | Tl        | V         | Zn        |
| Copper  | 224.700                 | 0.0000000                              | 0.0003840 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc    | 213.800                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |