

FORM 10A-IN  
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No.: \_\_\_\_\_ SDG No.: MBHM90  
 Instrument ID: P5 Date : 03/15/2024

| Analyte   | Wave-<br>Length<br>(nm) | Interelement Correction Factors For |    |            |    |           |
|-----------|-------------------------|-------------------------------------|----|------------|----|-----------|
|           |                         | Al                                  | Ca | Fe         | Mg | Co        |
| Aluminum  | 396.152                 | 0                                   | 0  | 0          | 0  | 0         |
| Antimony  | 206.833                 | 0                                   | 0  | 0          | 0  | 0         |
| Arsenic   | 189.042                 | 0                                   | 0  | -0.000064  | 0  | 0         |
| Barium    | 493.409                 | 0                                   | 0  | 0          | 0  | 0         |
| Beryllium | 234.861                 | 0                                   | 0  | 0.000010   | 0  | 0         |
| Cadmium   | 214.438                 | 0                                   | 0  | 0.000040   | 0  | 0         |
| Calcium   | 373.69                  | 0                                   | 0  | 0          | 0  | 0         |
| Chromium  | 267.716                 | 0                                   | 0  | 0          | 0  | 0         |
| Cobalt    | 228.616                 | 0                                   | 0  | 0          | 0  | 0         |
| Copper    | 324.754                 | 0                                   | 0  | -0.00010   | 0  | -0.000796 |
| Iron      | 259.837                 | 0                                   | 0  | 0          | 0  | 0         |
| Lead      | 220.353                 | -0.000075                           | 0  | 0.000030   | 0  | 0         |
| Magnesium | 279.079                 | 0                                   | 0  | 0          | 0  | 0         |
| Manganese | 257.61                  | 0                                   | 0  | 0          | 0  | 0         |
| Nickel    | 231.604                 | 0                                   | 0  | 0          | 0  | 0         |
| Potassium | 769.896                 | 0                                   | 0  | 0          | 0  | 0         |
| Selenium  | 196.09                  | 0                                   | 0  | -0.0003080 | 0  | -0.00063  |
| Silver    | 328.068                 | 0                                   | 0  | -0.00010   | 0  | 0         |
| Sodium    | 818.326                 | 0                                   | 0  | 0          | 0  | 0         |
| Thallium  | 190.856                 | 0                                   | 0  | 0          | 0  | 0.002248  |
| Vanadium  | 292.402                 | 0                                   | 0  | 0          | 0  | 0         |
| Zinc      | 213.856                 | 0                                   | 0  | 0          | 0  | 0         |