

FORM 10A-IN  
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51811 MA No.:  SDG No.: MH2D28  
 Instrument ID: P4 Date : 01/10/2025

| 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  | -0.000094 | 0  | 0        |
| Barium    | 493.409                 | 0                                   | 0  | 0         | 0  | 0        |
| Beryllium | 234.861                 | 0                                   | 0  | 0.000017  | 0  | 0        |
| Cadmium   | 214.438                 | 0                                   | 0  | 0.000033  | 0  | 0        |
| Calcium   | 373.690                 | 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  | -0.000073 | 0  | 0        |
| Iron      | 259.837                 | 0                                   | 0  | 0         | 0  | 0        |
| Lead      | 220.353                 | -0.000145                           | 0  | 0.000040  | 0  | 0        |
| Magnesium | 279.079                 | 0                                   | 0  | 0         | 0  | 0        |
| Manganese | 257.61                  | 0                                   | 0  | -0.000069 | 0  | 0        |
| Nickel    | 231.604                 | 0                                   | 0  | 0         | 0  | 0.00082  |
| Potassium | 769.896                 | 0                                   | 0  | 0         | 0  | 0        |
| Selenium  | 196.09                  | 0                                   | 0  | -0.00035  | 0  | -0.00092 |
| Silver    | 328.068                 | 0                                   | 0  | -0.00018  | 0  | 0        |
| Sodium    | 818.326                 | 0                                   | 0  | 0         | 0  | 0        |
| Thallium  | 190.856                 | 0                                   | 0  | -0.00010  | 0  | 0.00673  |
| Vanadium  | 292.402                 | 0                                   | 0  | 0.000094  | 0  | 0        |
| Zinc      | 213.856                 | 0                                   | 0  | 0.00016   | 0  | 0        |