

FORM 10B-IN  
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
 Lab Code: ACE Case No.: 51879 MA No.: \_\_\_\_\_ SDG No.: MBHKB0  
 Instrument ID: P5 Date : 03/15/2024

| Analyte   | Wave-<br>Length<br>(nm) | Interelement Correction Factors For |        |           |          |          |
|-----------|-------------------------|-------------------------------------|--------|-----------|----------|----------|
|           |                         | Cr                                  | Cu     | Mn        | Mo       | Ni       |
| Aluminum  | 396.152                 | 0                                   | 0      | 0         | 0.03723  | 0        |
| Antimony  | 206.833                 | 0.01070                             | 0      | 0         | -0.00285 | -0.00044 |
| Arsenic   | 189.042                 | 0                                   | 0      | 0         | 0        | 0        |
| Barium    | 493.409                 | 0                                   | 0      | 0         | 0        | 0        |
| Beryllium | 234.861                 | 0                                   | 0      | -0.000047 | -0.00032 | 0        |
| Cadmium   | 214.438                 | 0                                   | 0      | 0         | 0        | 0        |
| Calcium   | 373.69                  | 0                                   | 0      | 0         | 0        | 0        |
| Chromium  | 267.716                 | 0                                   | 0      | 0.00016   | 0        | 0        |
| Cobalt    | 228.616                 | 0                                   | 0      | 0         | -0.00123 | 0        |
| Copper    | 324.754                 | 0                                   | 0      | 0.000345  | 0        | 0.000895 |
| Iron      | 259.837                 | 0                                   | 0      | 0         | 0        | 0        |
| Lead      | 220.353                 | 0                                   | 0.0014 | 0.00034   | -0.00148 | 0.00063  |
| Magnesium | 279.079                 | 0                                   | 0      | 0         | 0        | 0        |
| Manganese | 257.61                  | 0                                   | 0      | 0         | 0        | 0.000897 |
| Nickel    | 231.604                 | 0                                   | 0      | 0         | 0        | 0        |
| Potassium | 769.896                 | 0                                   | 0      | 0         | 0        | 0        |
| Selenium  | 196.09                  | 0                                   | 0      | 0.00047   | 0        | 0        |
| Silver    | 328.068                 | 0                                   | 0      | 0.000146  | 0        | 0        |
| Sodium    | 818.326                 | 0                                   | 0      | 0         | 0        | 0        |
| Thallium  | 190.856                 | 0                                   | 0      | 0.00037   | -0.00245 | 0        |
| Vanadium  | 292.402                 | -0.00222                            | 0      | 0         | -0.00848 | 0        |
| Zinc      | 213.856                 | 0                                   | 0      | 0         | 0        | 0.00728  |

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|-----------|-------------------------|-------------------------------------|----------|-----------|----|--|
|           |                         | Pb                                  | Ti       | V         | Zn |  |
| Aluminum  | 396.152                 | 0                                   | 0        | 0         | 0  |  |
| Antimony  | 206.833                 | 0                                   | 0        | -0.001168 | 0  |  |
| Arsenic   | 189.042                 | 0                                   | 0        | 0         | 0  |  |
| Barium    | 493.409                 | 0                                   | 0        | 0         | 0  |  |
| Beryllium | 234.861                 | 0                                   | 0        | 0         | 0  |  |
| Cadmium   | 214.438                 | 0                                   | 0        | 0         | 0  |  |
| Calcium   | 373.69                  | 0                                   | 0        | 0         | 0  |  |
| Chromium  | 267.716                 | 0                                   | 0        | 0         | 0  |  |
| Cobalt    | 228.616                 | 0                                   | 0.00184  | 0         | 0  |  |
| Copper    | 324.754                 | 0                                   | 0        | 0         | 0  |  |
| Iron      | 259.837                 | 0                                   | 0        | 0         | 0  |  |
| Lead      | 220.353                 | 0                                   | 0        | 0         | 0  |  |
| Magnesium | 279.079                 | 0                                   | 0        | 0         | 0  |  |
| Manganese | 257.61                  | 0                                   | 0        | 0         | 0  |  |
| Nickel    | 231.604                 | 0                                   | 0        | 0         | 0  |  |
| Potassium | 769.896                 | 0                                   | 0        | 0         | 0  |  |
| Selenium  | 196.09                  | 0                                   | 0        | 0         | 0  |  |
| Silver    | 328.068                 | 0                                   | 0        | -0.000889 | 0  |  |
| Sodium    | 818.326                 | 0                                   | 0        | 0         | 0  |  |
| Thallium  | 190.856                 | 0                                   | -0.00050 | -0.01234  | 0  |  |
| Vanadium  | 292.402                 | 0                                   | 0        | 0         | 0  |  |
| Zinc      | 213.856                 | 0                                   | 0        | 0         | 0  |  |

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