

FORM 9-IN  
METHOD DETECTION LIMIT

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011  
Lab Code: ACE Case No.: 51879 MA No.:                      SDG No.: MBHK83  
Analytical Method: ICP-AES Instrument ID: P5  
Preparation Method: 3050B  
Concentration Units ( $\mu\text{g/L}$ ,  $\mu\text{g}$  or  $\text{mg/kg}$ ): mg/kg

| Analyte   | Wavelength/Mass | MDL   | Date Analyzed |
|-----------|-----------------|-------|---------------|
| Aluminum  | 396.15          | 6.0   | 10/19/2023    |
| Antimony  | 206.83          | 0.44  | 10/19/2023    |
| Arsenic   | 189.04          | 0.46  | 01/26/2024    |
| Barium    | 493.41          | 0.59  | 10/19/2023    |
| Beryllium | 234.86          | 0.026 | 10/19/2023    |
| Cadmium   | 214.44          | 0.033 | 10/19/2023    |
| Calcium   | 373.69          | 14.0  | 10/19/2023    |
| Chromium  | 267.72          | 0.085 | 10/19/2023    |
| Cobalt    | 228.62          | 0.095 | 10/19/2023    |
| Copper    | 324.75          | 0.60  | 10/19/2023    |
| Iron      | 259.83          | 2.3   | 01/26/2024    |
| Lead      | 220.35          | 0.27  | 10/19/2023    |
| Magnesium | 279.08          | 15.0  | 10/19/2023    |
| Manganese | 257.61          | 0.21  | 10/19/2023    |
| Nickel    | 231.60          | 0.11  | 10/19/2023    |
| Potassium | 769.89          | 62.0  | 10/19/2023    |
| Selenium  | 196.09          | 0.78  | 10/19/2023    |
| Silver    | 328.07          | 0.095 | 10/19/2023    |
| Sodium    | 818.33          | 97.0  | 10/19/2023    |
| Thallium  | 190.86          | 0.70  | 10/19/2023    |
| Vanadium  | 292.40          | 0.47  | 10/19/2023    |
| Zinc      | 213.86          | 0.72  | 10/19/2023    |

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