



**ACROSS BIOTECH**  
MAKE A DIFFERENCE

## Certificate of Analysis

|           |                     |            |             |
|-----------|---------------------|------------|-------------|
| Product:  | Magnesium Ascorbate | Cas No.:   | 15431-40-0  |
| Quantity: | 1200KG              | Package:   | 25kg/carton |
| MFG Date: | 2024/09/19          | Batch No.: | MGA24091901 |
| EXP Date: | 2026/09/17          | Standard:  | USP41       |

| Item                  | Specification                | Result             |
|-----------------------|------------------------------|--------------------|
| Characteristics       | White or light-yellow powder | Conform            |
| Loss of Drying        | $\leq 7.0\%$                 | 2.4%               |
| Heavy metals          | $\leq 10.0\text{ppm}$        | $< 10.0\text{ppm}$ |
| Lead                  | $\leq 0.5\text{ppm}$         | $< 0.5\text{ppm}$  |
| Arsenic               | $\leq 0.5\text{ppm}$         | $< 0.5\text{ppm}$  |
| Cadmium               | $\leq 0.5\text{ppm}$         | $< 0.5\text{ppm}$  |
| Mercury               | $\leq 0.1\text{ppm}$         | $< 0.1\text{ppm}$  |
| Total plate counts    | $\leq 1000\text{ CFU/g}$     | Conform            |
| Yeasts and molds      | $\leq 100\text{ CFU/g}$      | Conform            |
| Escherichia coli      | Negative in 10g              | Conform            |
| Salmonella            | Negative in 25g              | Conform            |
| Staphylococcus aureus | Negative in 25g              | Conform            |
| Bulk density          | $\geq 0.55\text{ g/ml}$      | 0.60 g/ml          |
| Magnesium content     | 6.1-6.6%                     | 6.2%               |
| Assay                 | 99.0%-100.5%                 | 99.80%             |

