

### Certificate of Analysis

**Product: Citric Acid Granular**  
**Item Number: CTAGF**  
**Grade: USP/FCC**  
**Lot Number: 5000926/1.2**  
**Manufacture Date: 05/13/2024**  
**Expiration Date: 05/12/2027**  
**Country of Origin: Thailand**

| Tested Property                    | Specification  | Analysis     |
|------------------------------------|----------------|--------------|
| Assay                              | 99.5 - 100.5%  | 99.82        |
| Mesh Size                          | 12 - 40        | 12 - 40      |
| Identification                     | To Pass Test   | Pass         |
| Color & Clarity of Solution        | To Pass Test   | Pass         |
| Moisture                           | </=0.3%        | 0.13         |
| Heavy Metals                       | </=5 mg/kg     | <3           |
| Oxalate                            | </=100 mg/kg   | <25          |
| Sulphate                           | </=150 mg/kg   | <10          |
| Calcium                            | </=100 mg/kg   | <10          |
| Readily Carbonizable Substances    | To Pass Test   | Pass         |
| Arsenic                            | </=1 mg/kg     | <1           |
| Bacterial Endotoxins               | </=0.5 I.U./mg | <0.5         |
| Chloride                           | </=50 mg/kg    | <1           |
| Iron                               | </=5 mg/kg     | <1           |
| Lead                               | </=0.5 mg/kg   | <0.03        |
| Mercury                            | </=0.5 mg/kg   | Not detected |
| Residue of Ignition (Sulfated Ash) | </=0.05%       | 0.01         |
| Aluminum                           | </=0.2 mg/kg   | Not detected |
| Barium                             | To Pass Test   | Pass         |
| Nickel                             | </=1 mg/kg     | <0.1         |

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|          |                |              |
|----------|----------------|--------------|
| Cobalt   | $\leq 1$ mg/kg | Not detected |
| Chromium | $\leq 1$ mg/kg | Not detected |

#### [Citric Acid Granular](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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