

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-19 11:33:25  
 Date of Next Testing: 2029-12-18 11:33:25  
 Product Name: **Citric acid monohydrate**  
 CAS Number: 5949-29-1  
 Specifications & Purity: AR, ≥99.5%  
 Lot #: L2509317  
 SKU #: **C112632**  
 Version: **2**  
 Analysis #: **628567**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                          | Result                                |
|--------------------------------|---------------------------------------|---------------------------------------|
| Ignition Residue (as sulfate)  | 0-0.02 (%)                            | 0.00000 %                             |
| Calcium(Ca)                    | 0-0.05 (µg/mg)                        | 0.00000 µg/mg                         |
| Copper(Cu)                     | 0-0.0005 (%)                          | 0.00000 %                             |
| Phosphate(PO4)                 | 0-0.001 (%)                           | 0.00000 %                             |
| Sulfate(SO42-)                 | 0-0.005 (%)                           | 0.00000 %                             |
| Iron(Fe)                       | 0-0.0005 (%)                          | 0.00000 %                             |
| Assay                          | 99.5-100 (%)                          | 99.61000 %                            |
| Insoluble matter in H2O        | 0-0.005 (%)                           | 0.00000 %                             |
| Lead(Pb)                       | 0-0.0005 (%)                          | 0.00000 %                             |
| Chloride (Cl-)                 | 0-0.0005 (%)                          | 0.00000 %                             |
| oxalate (C2O42-)               | 0-0.05 (%)                            | 0.00000 %                             |
| Readily carbonizable substance | pass                                  | Pass                                  |
| Appearance(C112632)            | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |



John Su  
 QA & QC Manager