

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-20 15:11:08  
Date of Next Testing: 2027-10-19 15:11:08  
Product Name: **Citric acid monohydrate**  
CAS Number: 5949-29-1  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: J2318259  
SKU #: **C112632**  
Analysis: **287850**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.02 (%)	0.00 %
Calcium(Ca)	0-0.05 (µg/mg)	0.00 µg/mg
Copper(Cu)	0-0.0005 (%)	0.00 %
Phosphate(PO <sub>4</sub> )	0-0.001 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay	99.5-100 (%)	99.67 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.0005 (%)	0.00 %
oxalate (C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> )	0-0.05 (%)	0.00 %
Readily carbonizable substance	pass	Pass
Appearance(C112632)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals



John Su  
QA & QC Manager