

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 09:27:33

Date of Next Testing: 2029-09-16 09:27:33

Product Name: **Citric acid monohydrate**

CAS Number: 5949-29-1

Specifications & Purity: ACS, ≥99%

Lot #: I2508253

SKU #: **C112635**

Version: **0**

Analysis #: **580337**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
Assay	99-102 (%)	99.62000 %
Iron(Fe)	0-3 (ppm)	2.00000 ppm
Sulfate(SO42-)	0-0.002 (%)	0.00000 %
Lead(Pb)	0-2 (ppm)	1.00000 ppm
Ignition Residue (as sulfate)	0-0.02 (%)	0.00150 %
Insoluble matter	0-0.005 (%)	0.00000 %
Appearance (C112635)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
oxalate (C2O42- , limit about 0.05%)	To pass test	to pass test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager