

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-10 09:12:35
 Date of Next Testing: 2029-05-09 09:12:35
 Product Name: **Citric acid monohydrate**
 CAS Number: 5949-29-1
 Specifications & Purity: ACS, ≥99%
 Lot #: E2508147
 SKU #: **C112635**
 Version: **0**
 Analysis #: **513085**
 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 (%)	99.99900 %
Iron(Fe)	0-3 (ppm)	2.89300 ppm
Sulfate(SO42-)	0-0.002 (%)	0.00000 %
Lead(Pb)	0-2 (ppm)	1.80000 ppm
Ignition Residue (as sulfate)	0-0.02 (%)	0.00120 %
Insoluble matter	0-0.005 (%)	0.00218 %
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