

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-12 19:09:18
 Date of Next Testing: 2029-05-11 19:09:18
 Product Name: **Citric acid monohydrate**
 CAS Number: 5949-29-1
 Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure
 Lot #: E2611599
 SKU #: **C433032**
 Version: **1**
 Analysis #: **697317**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
(PO ₄)Phosphate	0-10 (ppm)	0.00000 ppm
Heavy metals(as Pb)	0-5 (ppm)	0.00000 ppm
Aluminium(Al)	0-0.2 (ppm)	0.00000 ppm
Arsenic(As)	0-1 (ppm)	0.00000 ppm
Mercury(Hg)	0-1 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-3 (ppm)	0.00000 ppm
Lead(Pb)	0-0.5 (ppm)	0.00000 ppm
Oxalates(as C ₂ H ₂ O ₄)	0-50 (ppm)	50.00000 ppm
Sulfated Ash	0-200 (ppm)	187.00000 ppm
Purity(Titration by NaOH)(calc. to the dried substance)	99.5-102.5 (%)	102.40000 %
Chloride (Cl ⁻)	0-5 (ppm)	5.00000 ppm
Sulfate(SO ₄)	0-20 (ppm)	0.00000 ppm
Water by Karl Fischer	7.5-8.8	8.10630 %
Appearance(C433032)	White to almost white powder or crystal	White to Almost white Powder or Crystals
Solubility(200g/L in H ₂ O), Clear Colorless	Pass	Pass
Readily carbonisable substances	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager