

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-20 17:11:50
Date of Next Testing: 2028-01-20 17:11:50
Product Name: **Citric acid**
CAS Number: 77-92-9
Specifications & Purity: Moligand™, anhydrous, ACS, ≥99.5%
Lot #: A2515317
SKU #: **C434173**
Version: **1**
Analysis #: **452374**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration by NaOH)	99.5-102.5 (%)	99.59%
Iron(Fe)	0-3 (ppm)	0.00 ppm
Lead(Pb)	0-2 (ppm)	0.00 ppm
Residue on ignition(Ash)	0-0.02 (%)	0.00000 %
Insoluble matter(c=13.3%,H2O)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00100 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.002 (%)	0.00156 %
Appearance(C434173)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Subs Carbonizable by Hot H2SO4	Pass	Pass
Oxalate	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager