

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-16 17:50:53

Date of Next Testing: 2026-10-06 17:50:53

Product Name: **D-(-)-Quinic acid**

CAS Number: 77-95-2

Specifications & Purity: analytical standard, ≥98%

Lot #: J2414405

SKU #: **Q109706**

Version: **1**

Analysis #: **427311**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-45--42 (°)	-42.06000 °
Melting point(Decomposition)	163-168 (°C)	167.69000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	100.50000 %
Purity(HPLC)	98-100 (%)	98.81700 %
Appearance (Q109706)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , Colorless to Faint Yellow	pass	Pass
Clear to Hazy,C=100mg/ml		



John Su
QA & QC Manager