

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-27 16:17:45
 Date of Next Testing: 2024-07-16 16:17:45
 Product Name: **D-(-)-Quinic acid**
 CAS Number: 77-95-2
 Specifications & Purity: analytical standard, ≥98%
 Lot #: G2220853
 SKU #: **Q109706**
 Version: **1**
 Analysis #: **094878**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	100.20000 %
Purity(HPLC)	98-100 (%)	99.11200 %
Melting point(Decomposition)	163-168 (°C)	167.99000 °C
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	-45--42 (°)	-42.01000 °
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