

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-08 15:12:27

Date of Next Testing: 2028-10-07 15:12:27

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

CAS Number: 77-95-2

Specifications & Purity: $\geq 98\%$

Lot #: I2424046

SKU #: **Q109705**

Version: **0**

Analysis #: **034555**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	100.50000 %
Melting point(Decomposition)	163-168 (°C)	167.69000 °C
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-45--42 (°)	-42.06000 °
Purity(GC)	98-100 (%)	98.81700 %
Appearance (Q109705)	White to Off-White Powder or Chunks	White to Off-White Powder or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , Colorless to Faint Yellow Clear to Hazy,C=100mg/ml	pass	Pass



John Su
QA & QC Manager