

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-14 11:37:13

Date of Next Testing: 2028-08-13 11:37:13

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

CAS Number: 147-71-7

Specifications & Purity: $\geq 99.5\%$

Lot #: H2407136

SKU #: **T107139**

Version: **1**

Analysis #: **035695**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=20 \text{ in } H_2O)}$	-13--11 (°)	-11.56000 °
Enantiometric Excess	99.5-100 (%)	99.51000 %
Purity(Neutralization titration)	99-101 (%)	99.77000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear, 100 mg/mL, H ₂ O	pass	Pass
Appearance (T107140)	White to Almost White Powder or Crystals or Granules or Chunks	White to Almost White Powder or Crystals or Granules or Chunks



John Su
QA & QC Manager