

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 16:13:30

Date of Next Testing: 2027-06-17 16:13:30

Product Name: **DL-Tartaric acid**

CAS Number: 133-37-9

Specifications & Purity: AR

Lot #: F2511429

SKU #: **T104048**

Version: **1**

Analysis #: **500688**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH) (anhydrous)	98.5-101.5 (%)	100.77000 %
Water by Karl Fischer	0-5 (%)	0.11590 %
specific rotation $[\alpha]_{20/D(C=1 \text{ in water})}$	-2-2 (°)	-1.93400 °
Appearance (T104048)	White to Off-White Granular or Crystalline Powder	White to Off-White Granular or Crystalline Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear, 200 mg/ml	pass	Pass



John Su
QA & QC Manager