

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-13 13:44:13

Date of Next Testing: 2027-09-13 13:44:13

Product Name: **DL-Tartaric acid**

CAS Number: 133-37-9

Specifications & Purity: AR

Lot #: I2511615

SKU #: **T104048**Version: **1**Analysis #: **565607**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	2.03 %
specific rotation $[\alpha]_{20/D}(C=1$ in water)	-2-2 (°)	-0.13400 °
Purity (Titration by NaOH) (anhydrous)	98.5-101.5 (%)	100.20 %
Appearance (T104048)	White to Off-White Granular or Crystalline Powder	White to Off-White Granular or Crystalline Powder
Solubility in H ₂ O , Colorless, Clear, 200 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager