

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-14 13:09:56

Date of Next Testing: 2029-05-13 13:09:56

Product Name: (S)-(+)-Mandelic acid

CAS Number: 17199-29-0

Specifications & Purity: ≥99%

Lot #: G2122160

SKU #: M111210

Version: 0

Analysis #: 508750

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.00000 %
Melting point	132-135 (°C)	133.50000 °C
Purity (Titration by NaOH)	98.5-101.5 (%)	99.80000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	150-157 (°)	151.40000 °
Appearance (M111210)	White to Off-White Flakes, Powder or Crystals	White to Off-White Flakes, Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager