

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-12 11:17:46

Date of Next Testing: 2030-03-11 11:17:46

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

CAS Number: 17199-29-0

Specifications & Purity: $\geq 99\%$

Lot #: C2604640

SKU #: **M111210**

Version: **0**

Analysis #: **670834**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.74800 %
Melting point	132-135 (°C)	133.44000 °C
Purity (Titration by NaOH)	98.5-101.5 (%)	99.99800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	150-157 (°)	150.92800 °
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