

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-12 11:25:52
 Date of Next Testing: 2030-03-11 11:25:52
 Product Name: **(S)-(+)-Mandelic acid**
 CAS Number: 17199-29-0
 Specifications & Purity: $\geq 99\%$
 Lot #: C2604647
 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