

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-22 19:15:23
Date of Next Testing: 2029-07-21 19:15:23
Product Name: (S)-(+)-Mandelic acid
CAS Number: 17199-29-0
Specifications & Purity: ≥99%
Lot #: G2514238
SKU #: M111210
Version: 0
Analysis #: 368405
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	150-157 (°)	153.13000 °
Purity (Titration by NaOH)	98.5-101.5 (%)	99.57900 %
Melting point	132-135 (°C)	134.64000 °C
Purity(HPLC)	98-100 (%)	99.57900 %
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