

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-03 09:17:45

Date of Next Testing: 2025-02-02 09:17:45

Product Name: **Benzyl L-(+)-Mandelate**

CAS Number: 62173-99-3

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: G1520001

SKU # **B136435**

Version **0**

Analysis #: **182234**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CH}_3\text{CN})$	31-37 (°)	33.50000 °
Optical purity(LC)	98-100 (%)	99.20000 %
Melting point	105-109 (°C)	105.50000 °C
Purity(GC)	98-100 (%)	98.50000 %
Carbon by Elemental Analysis	73.2-75.5 (%)	74.30000 %
Appearance (B136435)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals



John Su
QA & QC Manager