

Certificate of Analysis

Date of Testing: 2024-12-11 13:47:50
Date of Next Testing: 2026-12-11 13:47:50
Product Name: **Benzyl L-(+)-Mandelate**
CAS Number: 62173-99-3
Specifications & Purity: $\geq 98\%$ (GC)
Lot #: C23151104
SKU #: **B136435**
Version: **0**
Analysis #: **447455**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CH}_3\text{CN})$	31-37 (°)	33.50°
Optical purity(LC)	98-100 (%)	99.20%
Melting point	105-109 (°C)	105.49800 °C
Purity(GC)	98-100 (%)	98.50%
Carbon by Elemental Analysis	73.2-75.5 (%)	74.30%
Appearance (B136435)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals



John Su
QA & QC Manager