

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-14 05:17:57

Date of Next Testing: 2027-03-13 05:17:57

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

CAS Number: 13704-09-1

Specifications & Purity: $\geq 98\%$

Lot #: C2309854

SKU #: **E156466**

Version: **1**

Analysis #: **169309**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.71700 %
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	135-140 (°)	139.79000 °
Appearance(E156466)	White or Colorless to Light yellow powder to lump to clear liquid	White or Colorless to Light yellow powder to lump to clear liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager