

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-28 16:07:29

Date of Next Testing: 2029-08-27 16:07:29

Product Name: **D-(-)-Mandelic Acid Ethyl Ester**

CAS Number: 10606-72-1

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

Lot #: A1825018

SKU #: **E156470**

Version: **0**

Analysis #: **560705**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	-145--130 (°)	-139.12000 °
Crystallization point	26-31 (°C)	28.01000 °C
Purity(GC)	98-100 (%)	99.60000 %
Appearance (E156470)	Colorless or White to Yellow Solid or Liquid	Colorless or White to Yellow Solid or Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCl ₃ , colorless to faint yellow, Clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager