

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 15:52:18

Date of Next Testing: 2029-04-16 15:52:18

Product Name: **DL-Menthol**

CAS Number: 89-78-1

Specifications & Purity: Moligand™, ≥98%

Lot #: D2508601

SKU #: **M105138**

Version: **1**

Analysis #: **484080**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.31200 %
Melting point	32-36 (°C)	32.10000 °C
Specific Rotation [α] _{20/D} (c=0.2 in MeOH)	-2~2 (°) (°)	-0.66100 °
Appearance (M105138)	white solid or colorless liquid	white solid or colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 95% EtOH , Colorless clear(c = 1 ml/1 ml)	pass	Pass



John Su
QA & QC Manager