

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-16 16:27:33

Date of Next Testing: 2027-06-15 16:27:33

Product Name: **DL-Menthol**

CAS Number: 89-78-1

Specifications & Purity: 98%

Lot #: F2303475

SKU #: **M105138****Analysis:** **224475**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.51%
Specific Rotation [α] ₂₀ /D(c=10 in 95% EtOH)	-2-2 (°)	0.59°
Melting point	32-36 (°C)	34.20000 °C
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