

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-29 15:48:48
Date of Next Testing: 2028-03-28 15:48:48
Product Name: **DL-Menthol**
CAS Number: 89-78-1
Specifications & Purity: 98%
Lot #: C2408479
SKU #: **M105138**
Analysis: **324492**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.61%
Specific Rotation [α] ₂₀ /D(c=10 in 95% EtOH)	-2-2 (°)	1.06°
Melting point	32-36 (°C)	34.26000 °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