

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-09 13:25:54

Date of Next Testing: 2024-08-29 13:25:54

Product Name: **DL-Menthol**

CAS Number: 89-78-1

Specifications &amp; Purity: analytical standard

Lot #: K2006186

SKU #: **M105139****Analysis: 132823**

Parameter	Limit Values	Result
Melting point	32-36 (°C)	33.60000 °C
Specific Rotation [α] <sub>20</sub> /D(c=10 in 95% EtOH)	-2-2 (°)	0.60°
Purity(GC)	99.5-100 (%)	99.53%
Appearance (M105139)	Colorless or Off-White Solid or Liquid	Colorless or Off-White Solid or Liquid
Infrared 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