

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-16 18:49:54  
Date of Next Testing: 2026-09-15 18:49:54  
Product Name: **(1R,2S,5R)-(-)-Menthol**  
CAS Number: 2216-51-5  
Specifications & Purity: 99%  
Lot #: I2212077  
SKU #: **M107060**  
Version: **0**  
Analysis #: **135902**

Parameter	Limit Values	Result
Melting point	43-45 (°C)	43.37000 °C
Purity(GC)	99-100 (%)	99.55 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in EtOH)	-51--49 (°)	-49.05 °
Appearance (M107060)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear,100mg/ml	pass	Pass



John Su  
QA & QC Manager