

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-28 11:21:03  
Date of Next Testing: 2029-07-27 11:21:03  
Product Name: (1R,2S,5R)-(-)-Menthol  
CAS Number: 2216-51-5  
Specifications & Purity: ≥99%  
Lot #: G2515280  
SKU #: M107060  
Version: 0  
Analysis #: 548518

Parameter	Limit Values	Result
Melting point	43-45 (°C)	44.62000 °C
Purity(GC)	99-100 (%)	99.97%
Specific Rotation [α] <sub>20</sub> /D(c=10 in EtOH)	-51--49 (°)	-49.25 °
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