

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-16 15:08:56  
Date of Next Testing: 2028-07-15 15:08:56  
Product Name: **(1R,2S,5R)-(-)-Menthol**  
CAS Number: 2216-51-5  
Specifications & Purity: 99%  
Lot #: G2408294  
SKU #: **M107060**  
Version: **0**  
Analysis #: **389101**

Parameter	Limit Values	Result
Melting point	43-45 (°C)	43.76000 °C
Purity(GC)	99-100 (%)	99.69%
Specific Rotation [a] <sub>20</sub> /D(c=10 in EtOH)	-51--49 (°)	-49.29°
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