

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-16 15:15:55  
Date of Next Testing: 2028-07-15 15:15:55  
Product Name: (1R,2S,5R)-(-)-Menthol  
CAS Number: 2216-51-5  
Specifications & Purity: 99.5%  
Lot #: G2408309  
SKU #: M107059  
Version: 0  
Analysis #: 373566

Parameter	Limit Values	Result
Melting point	43-45 (°C)	43.76000 °C
Purity(GC)	99.5-100 (%)	99.69%
Specific Rotation [a] <sub>20</sub> /D(c=10 in EtOH)	-51--49 (°)	-49.29°
Appearance (M107059)	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