

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-16 15:03:52  
Date of Next Testing: 2030-06-15 15:03:52  
Product Name: **(1R,2S,5R)-(-)-Menthol**  
CAS Number: 2216-51-5  
Specifications & Purity:  $\geq 99.5\%$   
Lot #: F2615523  
SKU #: **M107059**  
Version: **1**  
Analysis #: **715460**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	43-45 (°C)	44.67000 °C
Purity(GC)	99.5-100 (%)	99.97400 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in EtOH})$	-51--49 (°)	-49.12000 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear,100mg/ml	pass	Pass
Appearance (M107059)	White Solid	White Solid



John Su  
QA & QC Manager