

Certificate of Analysis

Date of Testing: 2024-03-29 10:51:05
Date of Next Testing: 2028-03-28 10:51:05
Product Name: **(1R,2S,5R)-(-)-Menthol**
CAS Number: 2216-51-5
Specifications & Purity: 99.5%
Lot #: C2414656
SKU #: **M107059**
Analysis: **326061**

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.86%
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in EtOH})$	-51--49 (°)	-50.50°
Melting point	43-45 (°C)	43.58000 °C
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