

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## 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: ≥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 [α] <sub>20</sub> /D(c=10 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

