

Certificate of Analysis

Date of Testing: 2022-07-21 10:59:55
Date of Next Testing: 2026-07-20 10:59:55
Product Name: **DL-Menthol**
CAS Number: 89-78-1
Specifications & Purity: 98%
Lot #: G2216358
SKU #: **M105138**
Analysis: 105942
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.20%
Specific Rotation [α] ₂₀ /D(c=10 in 95% EtOH)	-2-2 (°)	1.00°
Melting point	32-36 (°C)	33.60000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 95% EtOH , Colorless clear(c = 1 ml/1 ml)	pass	Pass
Appearance (M105138)	white solid or colorless liquid	white solid or colorless liquid



John Su
QA & QC Manager