



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-228825
Lot Number: SAMPLE
Product Name: (-)-Neomenthol
CAS Number: 20747-49-3
Molecular Formula: $C_{10}H_{20}O$
Molecular Weight: 156.27

Test	Specification	Result
Appearance	Pale yellow liquid	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity	$\geq 90.0\%$	98.7%
Purity (GC)	$\geq 95.0\%$	99.9%
Optical Rotation	-20.7° (c = 2.30, ethanol, 20 °C)	-20.4° (c = 1.63, thanol, 25 °C)
n-Hexane		0.7% (by NMR)
Water Content (KF)		0.5%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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