



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251281
Lot Number: SAMPLE
Product Name: (-)-trans-Caryophyllene
CAS Number: 87-44-5
Molecular Formula: $C_{15}H_{24}$
Molecular Weight: 204.35

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Clear liquid	Clear liquid
Identification (Infrared Spectrum)	Complies with structure	Complies
Purity (GC)	$\geq 98.5 \%$	98.6 %
Concentration	Neat	Neat
Refractive Index (n _{20/D})	1.498 - 1.500	1.499
Specific Rotation (α _{20/D})	$-10.0 \pm 1.0^\circ$	-9.9 °

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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