



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252342
Lot Number: SAMPLE
Product Name: (-)- α -Thujone
CAS Number: 546-80-5
Molecular Formula: $C_{10}H_{16}O$
Molecular Weight: 152.23

Test	Specification	Result
Appearance	Colorless to faint yellow and colorless to faint green-yellow liquid	Faint green-yellow liquid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 96.0\%$	98.7%
Refractive Index (n _{20/D})	1.449 - 1.451	1.450
Specific Rotation (α _{20/D})	$-19.0 \pm 2.0^\circ$ (neat)	-19.8°

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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