



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239168
Lot Number: SAMPLE
Product Name: α,β -Thujone
CAS Number: 76231-76-0
Molecular Formula: $C_{10}H_{16}O$
Molecular Weight: 152.23

Test	Specification	Result
Appearance	Colorless to light greenish-yellow clear liquid	Colorless clear liquid
Formulation	α -thujone: ~ 70% β -thujone: ~ 10%	α -thujone: 66.2% β -thujone: 12.1%
Purity (GC)	$\geq 65.0\%$	78.3%
Concentration	Neat	Complies
Infrared Spectrum	Conforms to structure	Complies
Refractive Index	1.445 - 1.474	1.454
Specific Rotation ($\alpha_{20/D}$)	$-13.0 \pm 4.0^\circ$	-14.2°

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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