



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215984
Lot Number: SAMPLE
Product Name: Thymol
CAS Number: 89-83-8
Molecular Formula: $C_{10}H_{14}O$
Molecular Weight: 150.22

Test	Result
Appearance	Transparent white crystals
Odor	Characteristic smell of spicy-thyme
Identification (Infrared Spectrum)	Consistent with structure (as per EP-8 standard)
Purity (GC)	99.7%
Melting Point	49 - 51°C (as per EP, USP, NF)
Solubility	Freely soluble in ethyl alcohol 95%, 1:1
Solution	Passes test (as per EP-8 standard)
Acidity	Passes test (as per EP-8 standard)
Heavy Metals	Absent
Non-Volatile Matter	0.05% (as per EP-8 standard)
Related Substances	0.3% (as per EP-8 standard)

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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