



CERTIFICATE OF ANALYSIS

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1. Identification

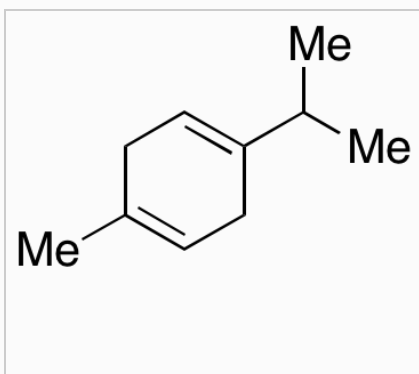
Catalogue Number: T117503

CAS Number: 99-85-4

Product: γ -Terpinene

Synonym: 1-Methyl-4-(1-methylethyl)-1,4-cyclohexadiene; 1-Isopropyl-4-methyl-1,4-cyclohexadiene; 1-Methyl-4-isopropyl-1,4-cyclohexadiene; 4-Isopropyl-1-methyl-1,4-cyclohexadiene; Crithmene; Moslene; NSC 21448; gamma-Terpinene;

Structure:



Molecular Formula:

C₁₀H₁₆

Molecular weight:

136.23

Source of Product:

N/A

Solubility:

Chloroform (Soluble), Ethyl Acetate (Slightly)

Lot Number: 2023-TCO-010

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
GC Purity	Report Result	95.58%
Elemental Analysis	Conforms	%C: 88.66, %H: 11.95
C NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjee Kaur	Toni Rantanen	Chanell Chu	10/3/2023	10/1/2027