



CERTIFICATE OF ANALYSIS

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1. Identification

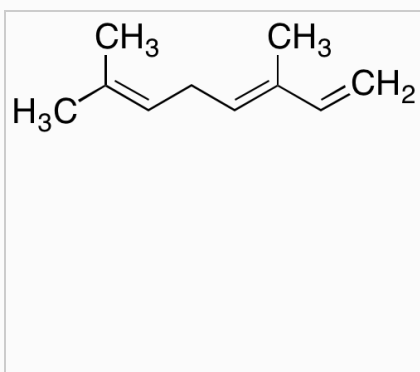
Catalogue Number: O150025

CAS Number: 3779-61-1

Product: trans- β -Ocimene

Synonym: 3E)-3,7-Dimethyl-1,3,6-octatriene; (3E)-Ocimene; (E)-Ocimene; (E)- β -Ocimene; trans-3,7-Dimethyl-1,3,6-octatriene; trans- β -Ocimene; β -trans-Ocimene

Structure:



Molecular Formula:

C₁₀H₁₆

Molecular weight:

136.23

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 18-NSR-116-3

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 to Light Yellow Oil	Clear Colourless to Light Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 83.93, %H: 11.42
HPLC Purity	Report Result	93.13% (235 nm)

Additional Information:

Contains: ~3.7% Toluene

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
Neha Khanna	Toni Rantanen	Chanell Chu	7/14/2021	7/12/2025