



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

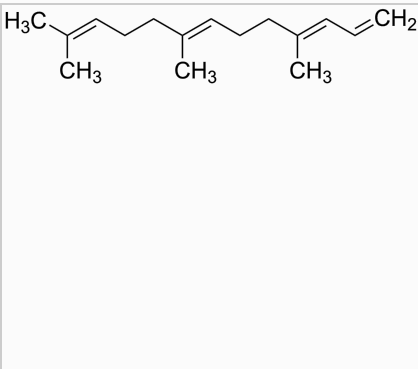
Catalogue Number: T797630

CAS Number: 62235-06-7

Product: (E,E)-4,8,12-Trimethyl-1,3,7,11-tridecatetraene

Synonym: (3E,7E)-4,8,12-Trimethyl-1,3,7,11-tridecatetraene; 4,8,12-Trimethyl-1,3E,7E,11-tridecatetraene

Structure:



The chemical structure shows a long hydrocarbon chain with four double bonds in a conjugated system. The double bonds are at positions 1, 3, 7, and 11, all in the E configuration. There are methyl groups at positions 4, 8, and 12. The chain ends with a terminal CH₂ group.

Molecular Formula:

C₁₆H₂₆

Molecular weight:

218.38

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 4-SUB-95-2

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Pale Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 88.32, %H: 12.51
GC Purity	Report Result	97.09%

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 ± 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
Henry Tieu	Toni Rantanen	Chanell Chu	4/13/2023	4/11/2027