



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

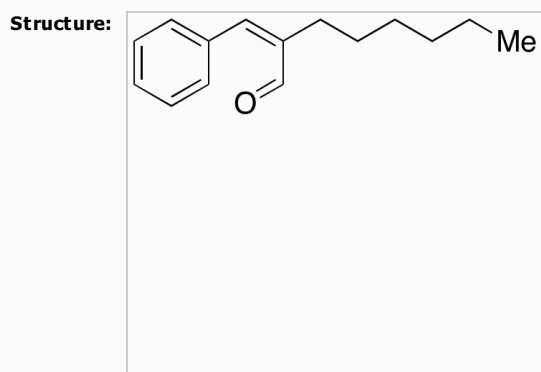
1. Identification

Catalogue Number: H295705

CAS Number: 101-86-0

Product: α -Hexylcinnamaldehyde

Synonym: 2-(Phenylmethylene)octanal; 2-Hexyl-3-phenyl-2-propenal; 2-Hexylcinnamaldehyde; Hexyl Cinnamic Aldehyde; NSC 406799; NSC 46150; α -Hexylcinnamic Aldehyde; α -Hexylcinnamyl Aldehyde; α -n-Hexyl- β -phenylacrolein; α -n-Hexylcinnamaldehyde; hexyl cinnamal



Molecular Formula:

C₁₅H₂₀O

Molecular weight:

216.32

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-SKC-40-1

Purity: 93%

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	Light Yellow to Yellow Oil	Clear Yellow Oil
HPLC Purity	Report Result	93.77% (285 nm)
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 82.99, %H: 9.81

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
Henry Tieu	Toni Rantanen	Chanell Chu	11/3/2022	11/1/2026