



CERTIFICATE OF ANALYSIS

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1. Identification

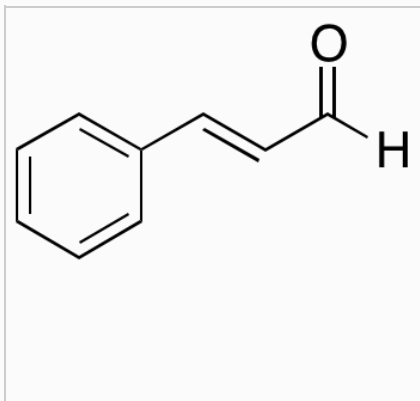
Catalogue Number: C442020

CAS Number: 14371-10-9

Product: trans-Cinnamaldehyde

Synonym: (2E)-3-Phenyl-2-propenal; (E)-3-Phenyl-2-propenal; (E)-Cinnamaldehyde; (E)-3-Phenylacrolein; (E)-3-Phenylprop-2-en-1-al; (E)-3-Phenylprop-2-enal; (E)-3-Phenylprop-2-enone; (E)-3-Phenylpropenal; (E)-Cinnamaldehyde; E-Cinnamyl aldehyde; trans-3-Phenyl-2-propenal; trans-3-Phenylpropenal; trans-Benzenepropenal; trans-Cinnamic Aldehyde; trans-Cinnamylaldehyde

Structure:



Molecular Formula:

C₉H₈O

Molecular weight:

132.16

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Soluble), Methanol (Sparingly)

Lot Number: 12-SYQ-1-1

Purity: 94%

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 Yellow Oil	Clear Pale Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 80.15, %H: 6.21

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

Evan Burns

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Chanell Chu

**Test Date**

3/11/2022

Retest Date

3/9/2026