



CERTIFICATE OF ANALYSIS

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1. Identification

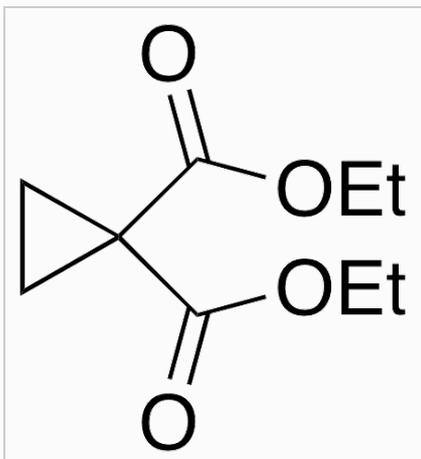
Catalogue Number: D444175

CAS Number: 1559-02-0

Product: Diethyl 1,1-Cyclopropanedicarboxylate

Synonym: 1,1-Cyclopropanedicarboxylic Acid, 1,1-Diethyl Ester; 1,1-Bis(ethoxycarbonyl)cyclopropane; 1,1-Dicarbethoxycyclopropane; Diethyl 1,1-Cyclopropanedicarboxylate; Ethyl 1,1-Cyclopropanedicarboxylate; NSC 21376;

Structure:



Molecular Formula:

C₉H₁₄O₄

Molecular weight:

186.21

Source of Product:

N/A

Solubility:

Acetone (Slightly), Chlorform (Slightly), Methanol (Slightly)

Lot Number: 20-ZEA-186-1

Purity: 98%

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:
Elemental Analysis	Conforms	%C: 57.39, %H: 7.97
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.62%

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

Henry Tieu



Reviewed By

Toni Rantanen



C of A Approved By

Chanell Chu



Test Date

6/9/2021

Retest Date

6/7/2025