



CERTIFICATE OF ANALYSIS

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1. Identification

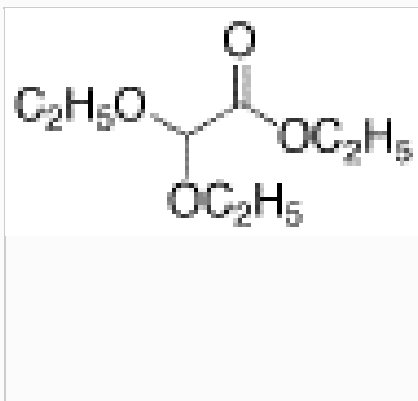
Catalogue Number: E916200

CAS Number: 6065-82-3

Product: Ethyl-2,2-diethoxyacetate

Synonym: 2,2-Diethoxy-acetic Acid Ethyl Ester;
Glyoxylic Acid Ethyl Ester Diethyl Acetal;

Structure:



Molecular Formula:

C₈H₁₆O₄

Molecular weight:

176.21

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl
Acetate (Slightly), Methanol
(Slightly)

Lot Number: 12-FGD-846-1

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:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 52.97, %H: 9.26
Appearance	Colourless Oil	Clear Colourless Oil
GC	Report Result	97.72%
MS	Conforms to Structure	Conforms
Water Content	Report Result	~3.0% based on Elemental Analysis

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
Evan Burns	Toni Rantanen	Christina Gouliaras	7/7/2022	7/5/2026