



CERTIFICATE OF ANALYSIS

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1. Identification

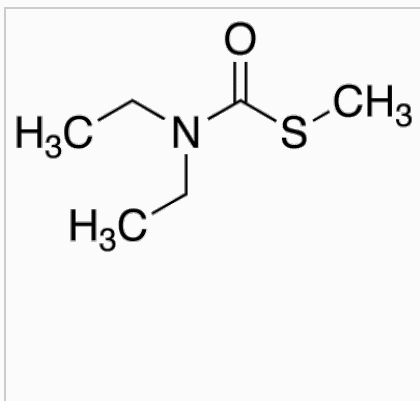
Catalogue Number: M301730

CAS Number: 37174-63-3

Product: S-Methyl N,N-Diethylthiocarbamate

Synonym: Diethyl-carbamothioic Acid S-Methyl Ester;
Diethylthio-carbamic Acid S-Methyl Ester;

Structure:



Molecular Formula:

C₆H₁₃NOS

Molecular weight:

147.24

Source of Product:

Synthetic

Solubility:

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

Lot Number: 7-YEN-24-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.58% (230 nm)

Additional Information: TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 9 : 1; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.30.

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
Neha Khanna	Toni Rantanen	My Nguyen	12/4/2019	12/2/2026