



CERTIFICATE OF ANALYSIS

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1. Identification

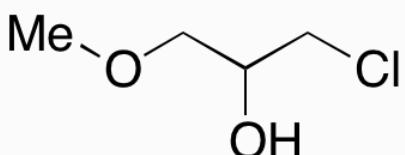
Catalogue Number: C368010

CAS Number: 4151-97-7

Product: 1-Chloro-3-methoxy-2-propanol

Synonym: 1-Methoxy-2-hydroxy-3-chloropropane; 2-Hydroxy-3-methoxypropyl Chloride; 3-Chloro-1-methoxy-2-propanol; 3-Chloro-2-hydroxypropyl Methyl Ether; 3-Methoxy-1-chloro-2-propanol; 3-Methoxy-2-hydroxypropyl Chloride; NSC 166627; NSC 65872

Structure:



Molecular Formula:

C₄H₉ClO₂

Molecular weight:

124.56

Source of Product:

N/A

Solubility:

Chloroform, DMSO (Sparingly), Methanol (Slightly)

Lot Number: 17-SBL-3-1

Purity: 96%

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:

Appearance

Specifications:

Colourless Oil

Results:

Clear Colourless Oil

Elemental Analysis

Conforms

%C: 36.44, %H: 7.11

MS

Conforms to Structure

Conforms

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Specific Rotation

Report Result

+0.2° (c = 0.5, Methanol)

GC

>95%

98.91%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Chanell Chu	6/14/2021	6/12/2025

