



CERTIFICATE OF ANALYSIS

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1. Identification

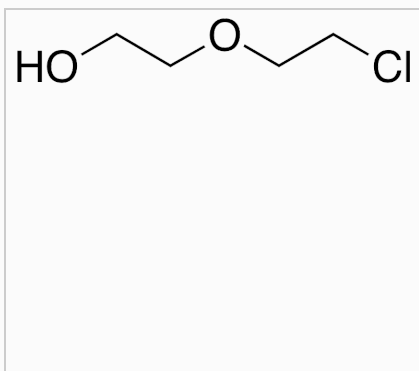
Catalogue Number: C365740

CAS Number: 628-89-7

Product: 2-(2-Chloroethoxy)ethanol

Synonym: 2-(2-Hydroxyethoxy)ethyl chloride; 2-(2'-Chloroethoxy)ethanol; 2-(Chloroethoxy)ethanol; 2-Chloroethyl 2-hydroxyethyl Ether; 2-[(2-Chloroethyl)oxy]ethanol; 5-Chloro-3-oxa-1-pentanol; Diethylene Glycol Monochlorohydrin; Diglycol Chlorohydrin; Ethylene Glycol Mono(2-chloroethyl) Ether; NSC 2648;

Structure:



Molecular Formula:

C₄H₉ClO₂

Molecular weight:

124.56

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 13-QIU-69-1

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:
Appearance	Colourless to Pale Yellow Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.71, %H: 7.46
MS	Conforms to Structure	Conforms
GC	Report Result	97.28%

Additional Information: Contains: ~3.3% Dioxane

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
Henry Tieu	Toni Rantanen	Chanell Chu	12/10/2021	12/8/2025
				