



## CERTIFICATE OF ANALYSIS

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### 1. Identification

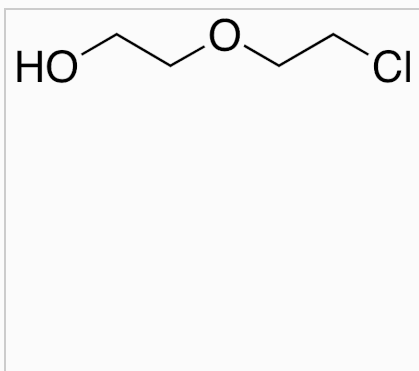
**Catalogue Number:** C365740

**CAS Number:** 628-89-7

**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;

**Product:** 2-(2-Chloroethoxy)ethanol

**Structure:**



**Molecular Formula:**

C<sub>4</sub>H<sub>9</sub>ClO<sub>2</sub>

**Molecular weight:**

124.56

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 12-SCC-124-1

**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 to Pale Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
GC	Report Result	98.98%
Water Content	Report Result	0.7% by Karl Fischer

**Additional Information:** NA

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
Eric Beaton	Philip Chan	Clarissa Santos	1/25/2019	1/23/2026

