



## CERTIFICATE OF ANALYSIS

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### 1. Identification

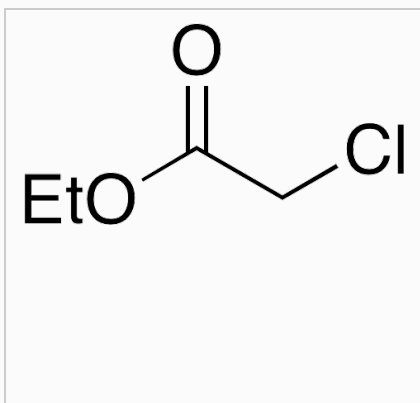
**Catalogue Number:** E901780

**CAS Number:** 105-39-5

**Product:** Ethyl Chloroacetate

**Synonym:** 2-Chloro-acetic Acid Ethyl Ester; (Ethoxycarbonyl)methyl Chloride; 2-Chloroacetic Acid Ethyl Ester; Ethyl 2-Monochloroacetate; Ethyl Chloracetate; Ethyl  $\alpha$ -Chloroacetate; NSC 8833;

**Structure:**



**Molecular Formula:**

$C_4H_7ClO_2$

**Molecular weight:**

122.55

**Source of Product:**

N/A

**Solubility:**

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

**Lot Number:** 12-QIU-104-1

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped With Blue Ice

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
GC	Report Result	99.58%

**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
Nicole Yip	Toni Rantanen	Chanell Chu	10/15/2021	10/13/2025