



## CERTIFICATE OF ANALYSIS

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### 1. Identification

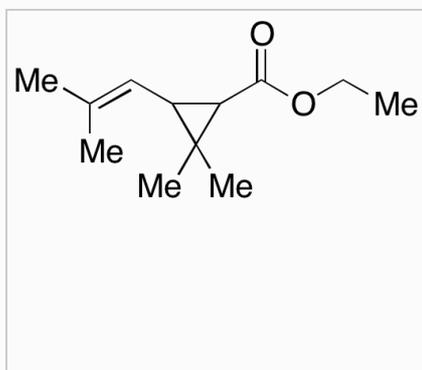
**Catalogue Number:** E903480

**CAS Number:** 97-41-6

**Product:** Ethyl Chrysanthemate

**Synonym:** 2,2-Dimethyl-3-(2-methyl-1-propen-1-yl)cyclopropanecarboxylic Acid Ethyl Ester; Chrysanthemummonocarboxylic Acid Ethyl Ester; 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylic Acid Ethyl Ester; Chrysanthemic Acid Ethyl Ester; Chrysanthemumic Acid Ethyl Ester; Ethyl 2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate; Ethyl chrysanthemumate; NSC 10819;

**Structure:**



**Molecular Formula:**

C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>

**Molecular weight:**

196.29

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 2-BAI-117-1

**Purity:** 95%

**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 Oil	Clear Colourless Oil
GC Purity	Report Result	97.42%
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.83, %H: 10.38
MS	Conforms to Structure	Conforms

**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**

Sarbjot Kaur



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

Chanell Chu



**Test Date**

5/15/2023

**Retest Date**

5/13/2027