

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMB002019-02)

**Release Date:** 10/02/2025

**Re-test Date:** 09/02/2028

## **Diethyl Malonate**

### **Identification**

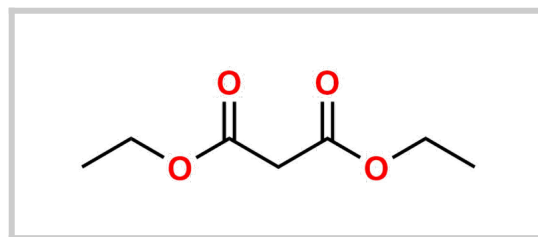
**Chemical Name :**  
Diethyl malonate

**CAT No.** : KMB002019

**CAS No.** : 105-53-3

**Molecular Formula** : C<sub>7</sub>H<sub>12</sub>O<sub>4</sub>

**Molecular Weight** : 160.2



### **Analytical Information**

**Batch No.** : B002019-091-151

**Description** : Colorless liquid

**GC Purity** : 99.71 %

**Weight Loss By KF** : 0.22 %

**% Potency** : 99.49 %

**Solubility** : MDC

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.22(Weight Loss By KF)] x [99.71(GC Purity)]/100 = 99.49 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/02/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF