

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB002019-02)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

## Diethyl Malonate

### Identification

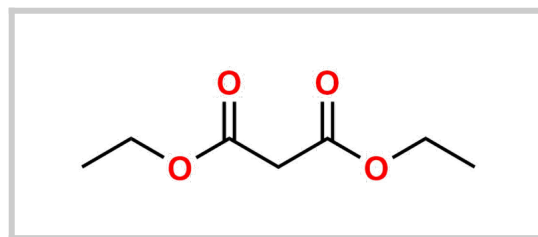
Chemical Name :  
Diethyl malonate

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>H NMR, IR and KF