

CERTIFICATE OF ANALYSIS

(Certificate No. KMB002019-03)

Release Date: 17/12/2025

Re-test Date: 16/12/2028

Diethyl Malonate

Identification

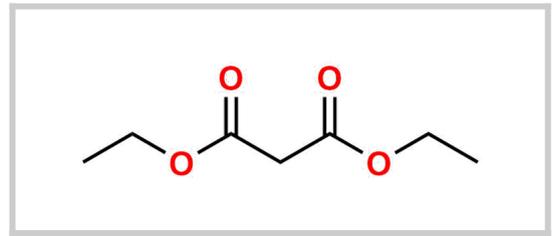
Chemical Name :
Diethyl malonate

CAT No. : KMB002019

CAS No. : 105-53-3

Molecular Formula : C₇H₁₂O₄

Molecular Weight : 160.2



Analytical Information

Batch No. : B002019-114-054

Description : Colorless liquid

GC Purity : 99.62 %

Weight Loss By KF : 2.02 %

% Potency : 97.61 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 2.02(Weight Loss By KF)] x [99.62(GC Purity)]/100 = 97.61 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		19/12/2025

Attachments : COA,GC, MASS, 1HNMR,13C NMR, IR and KF