CERTIFICATE OF ANALYSIS

(Certificate No. KMB002019-03)

Release Date: 17/12/2025 **Re-test Date:** 16/12/2028

Diethyl Malonate

Identification

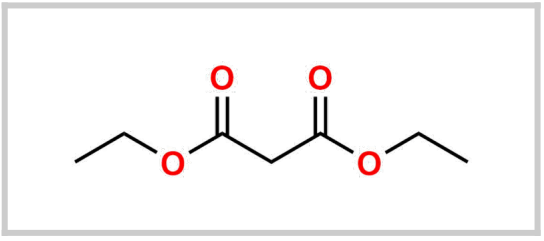
Chemical Name :
Diethyl malonate

CAT No. : KMB002019

CAS No. : 105-53-3

Molecular Formula : C7H12O4

Molecular Weight : 160.2



Analytical Information

Batch No.	: B002019-114-054	**Solubility**	: Methanol
Description	: Colorless liquid	**Mass**	: Confirm
GC Purity	: 99.62 %	**IR**	: Confirm
Weight Loss By KF	: 2.02 %	**1H NMR**	: Confirm
% Potency	: 97.61 %	**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