CERTIFICATE OF ANALYSIS

(Certificate No. KMC011004-01)

Release Date: 14/05/2026 **Re-test Date:** 13/05/2029

Methyl 2-methoxy-2,2-diphenylacetate (Methoxy Impurity)

Identification

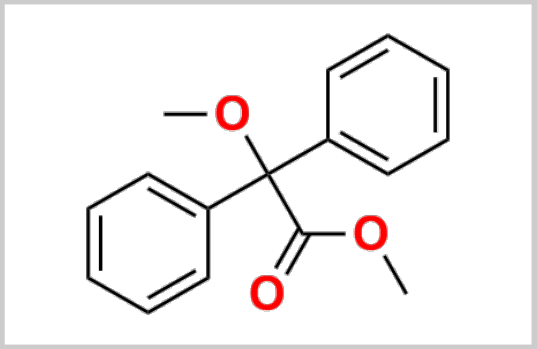
Chemical Name :
Methyl 2-methoxy-2,2-diphenylacetate

CAT No. : KMC011004

CAS No. : Not Available

Molecular Formula : C16H16O3

Molecular Weight : 256.30



Analytical Information

Batch No. : C011004-114-319

Description : Light Yellow Thick Syrup

HPLC Purity : 99.21 %

Weight Loss By TGA : 0.52 %

% Potency : 98.69 %

Solubility : ACN

Mass : Confirm as Na adduct

IR : Confirm

1H 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 - 0.52(Weight Loss By TGA)] x [99.21(HPLC Purity)]/100 = 98.69 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/05/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA