CERTIFICATE OF ANALYSIS

(Certificate No. KMM001491-01)

Release Date: 13/03/2026 **Re-test Date:** 12/03/2029

GPB-1 METHYL ESTER - STD

Identification

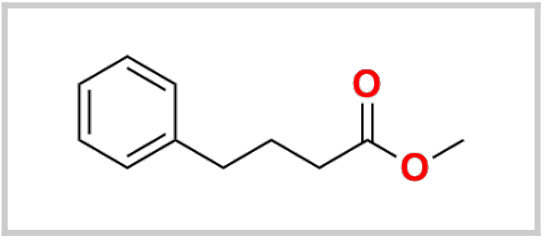
Chemical Name :
Methyl 4-phenylbutyrate,Methyl 4-Phenylbutanoate

CAT No. : KMM001491

CAS No. : 2046-17-5

Molecular Formula : C11H14O2

Molecular Weight : 178.23



Analytical Information

Batch No.	: M001491-114-206	**Solubility**	: ACN
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 5.67 %	**1H NMR**	: Confirm
% Potency	: 94.25 %		

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 - 5.67(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 94.25 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		13/03/2026

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