

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 :

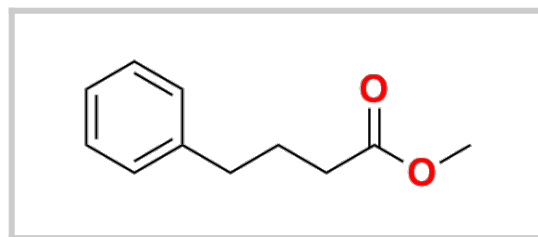
Methyl 4-phenylbutyrate, Methyl 4-Phenylbutanoate

CAT No. : KMM001491

CAS No. : 2046-17-5

Molecular Formula : C₁₁H₁₄O₂

Molecular Weight : 178.23



Analytical Information

Batch No. : M001491-114-206

Description : Light Yellow Liquid

HPLC Purity : 99.91 %

Weight Loss By TGA : 5.67 %

% Potency : 94.25 %

Solubility : ACN

Mass : Confirm

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 - 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, ¹H NMR, IR and TGA