CERTIFICATE OF ANALYSIS

(Certificate No. KMP099012-01)

Release Date: 10/10/2025 **Re-test Date:** 09/10/2028

4-PHENYL BUTYRIC ACID

Identification

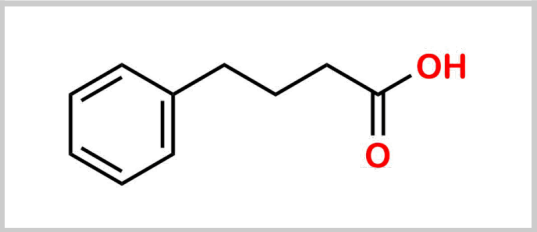
Chemical Name :
4-Phenylbutanoic acid

CAT No. : KMP099012

CAS No. : 1821-12-1

Molecular Formula : C10H12O2

Molecular Weight : 164.2



Analytical Information

Batch No.	: P099012-102-318	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 95.22 %	**IR**	: Confirm
Weight Loss By TGA	: 0.98 %	**1H NMR**	: Confirm
% Potency	: 94.29 %		

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 - 0.98(Weight Loss By TGA)] x [95.22(HPLC Purity)]/100 = 94.29 %
-Potency corrected on 14.11.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2025

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