

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004018-01)

Release Date: 17/12/2024

Re-test Date: 16/12/2027

3-Carbamoylmethyl-5-methylhexanoic Acid

Identification

Chemical Name :

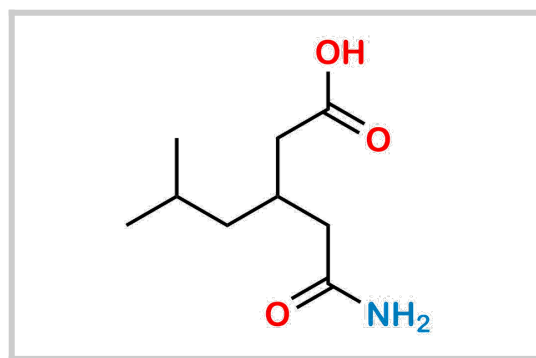
3-(2-amino-2-oxoethyl)-5-methylhexanoic acid

CAT No. : KMP004018

CAS No. : 181289-15-6

Molecular Formula : C₉H₁₇NO₃

Molecular Weight : 187.2



Analytical Information

Batch No. : P004018-091-086

Description : Off White Solid

HPLC Purity : 99.78 %

Weight Loss By TGA : 0.28 %

% Potency : 99.5 %

Solubility : Acetonitrile

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 - 0.28(Weight Loss By TGA)] x [99.78(HPLC Purity)]/100 = 99.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/06/2025

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