

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004002-03)

Release Date: 16/12/2025

Re-test Date: 15/12/2028

Pregabalin Impurity 5E

Identification

Chemical Name :

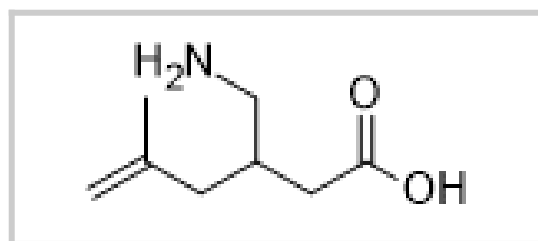
3-(aminomethyl)-5-methylhex-5-enoic acid

CAT No. : KMP004002

CAS No. : 1136478-30-2

Molecular Formula : C₈H₁₅NO₂

Molecular Weight : 157.21



Analytical Information

Batch No. : P004002-114-055

Description : White solid

HPLC Purity : 98.63 %

Weight Loss By TGA : 5.85 %

% Potency : 92.86 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 5.85(Weight Loss By TGA)] x [98.63(HPLC Purity)]/100 = 92.86 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/12/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA