

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004008-02)

Release Date: 30/05/2026

Re-test Date: 29/05/2029

Pregabalin Impurity 4E

Identification

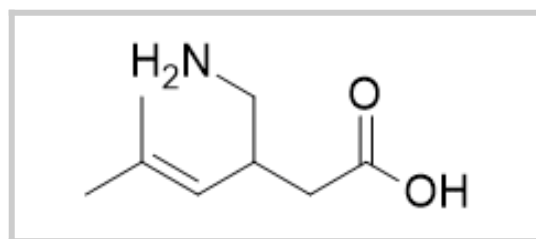
Chemical Name :
3-(aminomethyl)-5-methylhex-4-enoic acid

CAT No. : KMP004008

CAS No. : 216576-74-8

Molecular Formula : C₈H₁₅NO₂

Molecular Weight : 157.21



Analytical Information

Batch No. : P004008-114-358

Description : White Solid

HPLC Purity : 100.00 %

Weight Loss By TGA : 3.23 %

% Potency : 96.77 %

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 - 3.23(Weight Loss By TGA)] x [100.00(HPLC Purity)]/100 = 96.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/05/2026

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