CERTIFICATE OF ANALYSIS

(Certificate No. KMP004002-04)

Release Date: 22/05/2026 **Re-test Date:** 21/05/2029

Pregabalin Impurity 5E

Identification

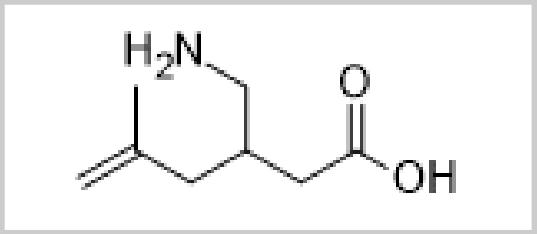
Chemical Name :
3-(aminomethyl)-5-methylhex-5-enoic acid

CAT No. : KMP004002

CAS No. : 1136478-30-2

Molecular Formula : C8H15NO2

Molecular Weight : 157.21



Analytical Information

Batch No.	: P004002-114-342	**Solubility**	: Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 97.80 %	**IR**	: Confirm
Weight Loss By TGA	: 5.50 %	**1H NMR**	: Confirm
% Potency	: 92.42 %	**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 - 5.50(Weight Loss By TGA)] x [97.80(HPLC Purity)]/100 = 92.42 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		22/05/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA