

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP004002-02)

Release Date: 27/06/2024

Re-test Date: 26/06/2027

## PREGABALIN IMPURITY E

### Identification

**Chemical Name :**

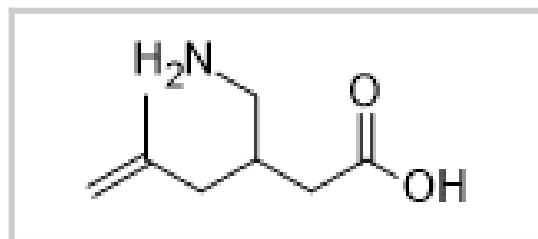
3-(aminomethyl)-5-methylhex-5-enoic acid

CAT No. : KMP004002

CAS No. : 1136478-30-2

Molecular Formula : C<sub>8</sub>H<sub>15</sub>NO<sub>2</sub>

Molecular Weight : 157.21



### Analytical Information

Batch No. : PRE-5ENE-073-270

Description : Off White Solid

HPLC Purity : 99.88 %

Weight Loss By TGA : 4.74 %

% Potency : 95.15 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 4.74(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 95.15 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/05/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA