

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP004002-02)

Release Date: 27/06/2024

Re-test Date: 26/06/2027

## Pregabalin 5-ene Impurity

### Identification

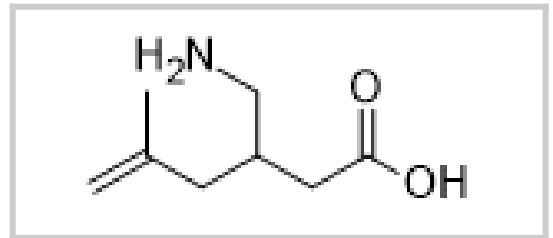
**Chemical Name :**  
3-(aminomethyl)-5-methylhex-5-enoic acid

**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** : ACN

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		09/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		09/08/2024

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