

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP004002-03)

**Release Date:** 16/12/2025

**Re-test Date:** 15/12/2028

## **Pregabalin Impurity 5E**

### **Identification**

**Chemical Name :**

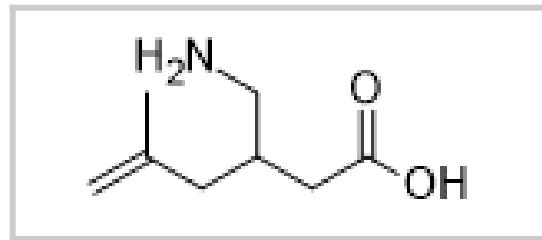
3-(aminomethyl)-5-methylhex-5-enoic acid

**CAT No.** : KMP004002

**CAS No.** : 1136478-30-2

**Molecular Formula** : C8H15NO2

**Molecular Weight** : 157.21



### **Analytical Information**

**Batch No.** : P004002-114-055

**Solubility** : Water

**Description** : White solid

**Mass** : Confirm

**HPLC Purity** : 98.63 %

**IR** : Confirm

**Weight Loss By TGA** : 5.85 %

**1H NMR** : Confirm

**% Potency** : 92.86 %

**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

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		16/12/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		16/12/2025

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