

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP004008-02)

Release Date: 30/05/2026

Re-test Date: 29/05/2029

## Pregabalin Impurity 4E

### Identification

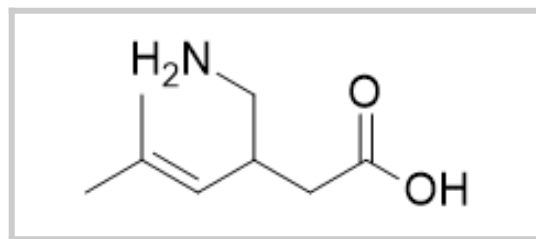
**Chemical Name :**  
3-(aminomethyl)-5-methylhex-4-enoic acid

**CAT No.** : KMP004008

**CAS No.** : 216576-74-8

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

**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

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA