

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP004018-01)

Release Date: 17/12/2024

Re-test Date: 16/12/2027

## Pregabalin CMH Standard

### Identification

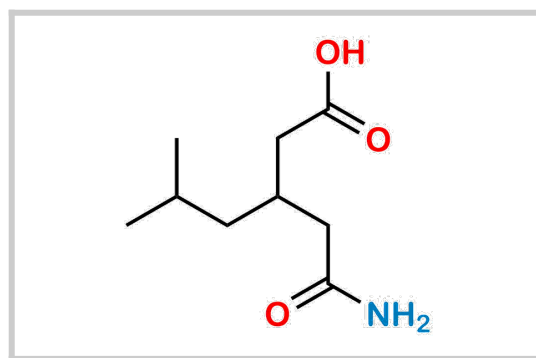
**Chemical Name :**  
3-(2-amino-2-oxoethyl)-5-methylhexanoic acid

**CAT No. :** KMP004018

**CAS No. :** 181289-15-6

**Molecular Formula :** C<sub>9</sub>H<sub>17</sub>NO<sub>3</sub>

**Molecular Weight :** 187.2



### Analytical Information

**Batch No. :** P004018-091-086

**Description :** Off White Solid

**HPLC Purity :** 99.78 %

**Weight Loss By TGA :** 0.28 %

**% Potency :** 99.5 %

**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 =**  $[100 - 0.28(\text{Weight Loss By TGA})] \times [99.78(\text{HPLC Purity})]/100 = 99.5 \%$

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/12/2024

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