

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP004001-01)

Release Date: 01/04/2023

Re-test Date: 31/03/2026

## Isobutylglutarmonoamide (R-Isomer)

### Identification

**Chemical Name :**

(R)-3-(2-amino-2-oxoethyl)-5-methylhexanoic acid

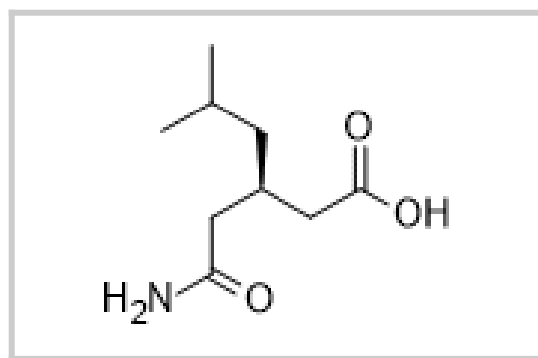
**Alt. Name** : Pregabalin R-CMH Standard

**CAT No.** : KMP004001

**CAS No.** : 181289-33-8

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

**Molecular Weight** : 187.24



### Analytical Information

**Batch No.** : PRE-(R)-CMH-09-098

**Description** : Off White Solid

**HPLC Purity** : 99.90 %

**Weight Loss By TGA** : 0.10 %

**% Potency** : 99.8 %

**Solubility** : ACN : Water (1 : 1)

**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 - 0.10(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.8 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/04/2023
Reviewed & Approved By	Quality Control	Jatin Patel		01/04/2023

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