

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

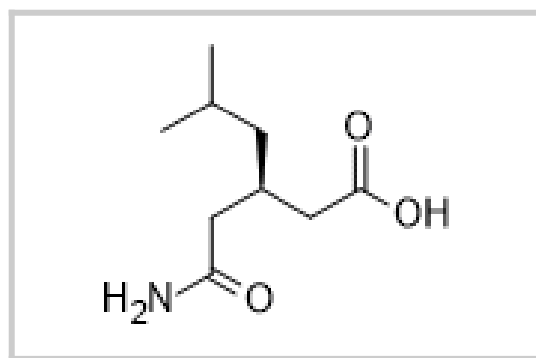
Alt. Name : Pregabalin R-CMH Standard

CAT No. : KMP004001

CAS No. : 181289-33-8

Molecular Formula : C₉H₁₇NO₃

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

¹H 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, ¹H NMR, IR and TGA