

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004006-03)

Release Date: 22/05/2026

Re-test Date: 21/05/2029

Pregabalin Related Compound A

Identification

Chemical Name :

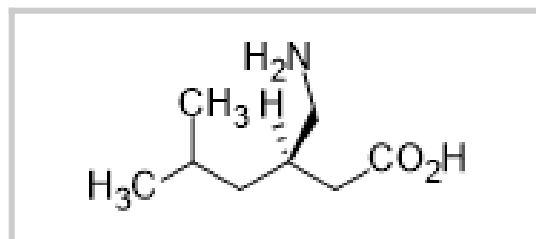
(3R)-3-(aminomethyl)-5-methylhexanoic acid (pregabalin enantiomer)

CAT No. : KMP004006

CAS No. : 148553-51-9

Molecular Formula : C₈H₁₇NO₂

Molecular Weight : 159.23



Analytical Information

Batch No. : P004006-114-341

Description : Off White Solid

HPLC Purity : 99.62 %

Weight Loss By TGA : 1.18 %

% Potency : 98.44 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 1.18(Weight Loss By TGA)] x [99.62(HPLC Purity)]/100 = 98.44 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		22/05/2026

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