

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004006-02)

Release Date: 26/12/2025

Re-test Date: 25/12/2028

Pregabalin Related Compound A

Identification

Chemical Name :

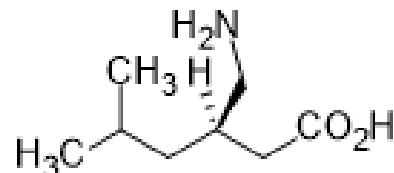
(3R)-3-(aminomethyl)-5-methylhexanoic acid (pregabalin enantiomer)

CAT No. : KMP004006

CAS No. : 148553-51-9

Molecular Formula : C8H17NO2

Molecular Weight : 159.23



Analytical Information

Batch No. : P004006-114-080

Solubility : Water

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.91 %

IR : Confirm

Weight Loss By TGA : 1.19 %

1H NMR : Confirm

% Potency : 98.72 %

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 - 1.19(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 98.72 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/12/2025

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