CERTIFICATE OF ANALYSIS

(Certificate No. KMP004006-03)

Release Date: 22/05/2026 **Re-test Date:** 21/05/2029

Pregabalin Related Compound A

Identification

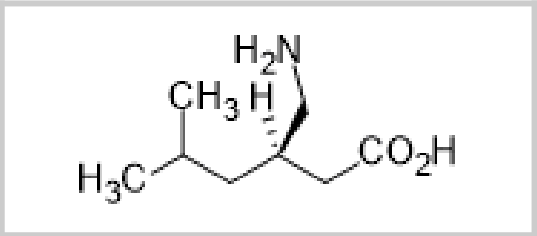
Chemical Name :
(3R)-3-(aminomethyl)-5-methylhexanoic acid (pregabalin enantiomer)

CAT No. : KMP004006

CAS No. : 148553-51-9

Molecular Formula : C8H17NO2

Molecular Weight : 159.23



Analytical Information

Batch No.	: P004006-114-341	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.62 %	**IR**	: Confirm
Weight Loss By TGA	: 1.18 %	**1H NMR**	: Confirm
% Potency	: 98.44 %	**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, 1HNMR, 13CNMR, IR and TGA