

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004003-01)

Release Date: 03/07/2023

Re-test Date: 02/07/2026

Pregabalin BP Impurity A

Identification

Chemical Name :
(S)-4-isobutylpyrrolidin-2-one

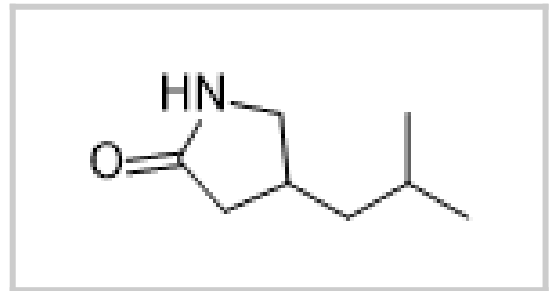
Alt. Name : Pregabalin Lactam

CAT No. : KMP004003

CAS No. : 61312-87-6

Molecular Formula : C₈H₁₅NO

Molecular Weight : 141.21



Analytical Information

Batch No. : PRE-LAC-045-192

Description : Light Yellow Liquid

HPLC Purity : 98.86 %

Weight Loss By TGA : 4.12 %

% Potency : 94.79 %

Solubility : ACN

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 - 4.12(Weight Loss By TGA)] x [98.86(HPLC Purity)]/100 = 94.79 %

Remarks : COA Re-generated on 18.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2024

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