CERTIFICATE OF ANALYSIS

(Certificate No. KML008001-02)

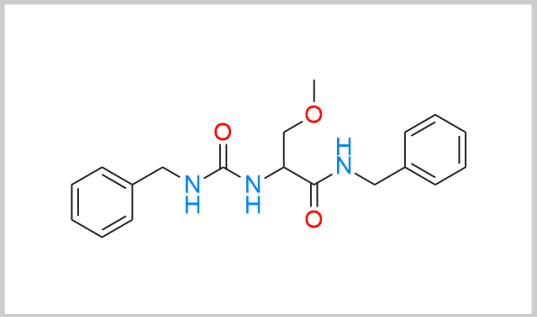
Release Date: 15/09/2026 **Re-test Date:** 14/09/2029

LACOSAMIDE EP IMPURITY I

Identification

Chemical Name :
(2E)-N-benzyl-2-[(benzylcarbamoyl)amino]-3-methoxypropanamide

Alt. Name	: Ureidolacosamide , Lacosamide EP Impurity I
CAT No.	: KML008001
CAS No.	: Not Available
Molecular Formula	: C19H23N3O3
Molecular Weight	: 341.40



Analytical Information

Batch No.	: L008001-136-191	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.32 %	**IR**	: Confirm
Weight Loss By TGA	: 0.40 %	**1H NMR**	: Confirm
% Potency	: 98.92 %		

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 - 0.40(Weight Loss By TGA)] x [99.32(HPLC Purity)]/100 = 98.92 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA