

CERTIFICATE OF ANALYSIS

(Certificate No. KML008014-01)

Release Date: 05/09/2024

Re-test Date: 04/09/2027

LACOSAMIDE EP IMPURITY D (R-ISOMER)

Identification

Chemical Name :

(2R)-2-Amino-3-methoxy-N-(phenylmethyl)-propanamide

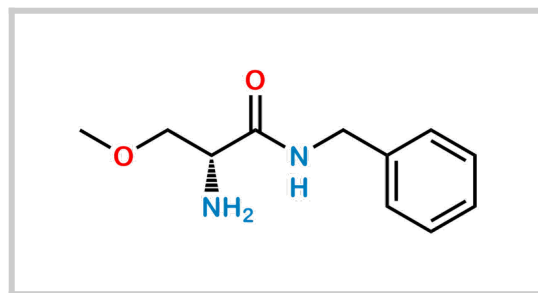
Alt. Name : Lacosamide N-Desacetyl Impurity

CAT No. : KML008014

CAS No. : 196601-69-1

Molecular Formula : C₁₁H₁₆N₂O₂

Molecular Weight : 208.3



Analytical Information

Batch No. : L008014-073-365

Solubility : Acetonitrile

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 99.94 %

IR : Confirm

Weight Loss By TGA : 1.56 %

¹H NMR : Confirm

% Potency : 98.38 %

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 - 1.56(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 98.38 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/05/2025

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