CERTIFICATE OF ANALYSIS

(Certificate No. KML008008-01)

Release Date: 03/10/2024 **Re-test Date:** 02/10/2027

LACOSAMIDE ENANTIOMER

Identification

Chemical Name :
(S)-2-(Acetylamino)-3-methoxy-N-(phenylmethyl)propanamide

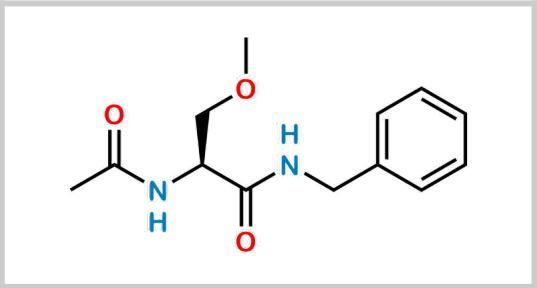
Alt. Name : Lacosamide S-Enantiomer (USP)

CAT No. : KML008008

CAS No. : 175481-37-5

Molecular Formula : C13H18N2O3

Molecular Weight : 250.3



Analytical Information

Batch No. : L008008-073-404

Description : Off White Solid

HPLC Purity : 99.02 %

Weight Loss By TGA : 0.16 %

% Potency : 98.86 %

Solubility : Acetonitrile

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 - 0.16(Weight Loss By TGA)] x [99.02(HPLC Purity)]/100 = 98.86 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		04/10/2024

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