

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Lacosamide (In House Standard)

Identification:

Chemical Name: (2R)-2-Acetamido-N-benzyl-3-methoxypropanamide (as per EP)

Synonyms : NA

CAS Number : 175481-36-4

CAT Number : CP-L8000

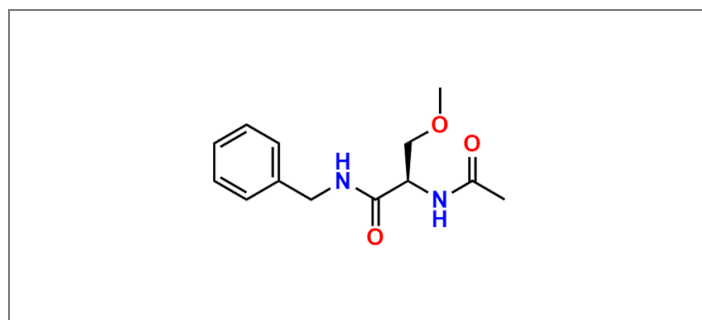
Molecular Formula : C₁₃H₁₈N₂O₃

Molecular Weight : 250.30

Batch Number : CP-LAC-IN-0723

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.72%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.592%
8)	Potency by TGA	98.12%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.