

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L033009-0205)

Analysis Date: 30/08/2022

Re-test Date: 29/08/2024

Lacosamide EP Impurity H

Identification

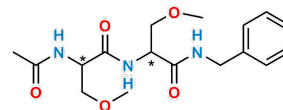
Chemical Name : 2-Acetamido-N-[1-(benzylamino)-3-methoxy-1-oxopropan-2-yl]-3-methoxypropanamide

CAT No. : SZ-L033009

CAS No. : NA

Molecular Formula : C₁₇H₂₅N₃O₅

Molecular Weight : 351.4



Analytical Information

Batch Code : SRL-160-186

Solubility : ACN:H₂O (8:2)

Appearance of product : White Solid

Long Term Storage : 2-8 °C for long term storage

Weight Loss By TGA : 0.00 %

HPLC Purity : 98.62 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA)] X [98.62 (HPLC Purity)] / 100 = 98.62 %

Mixture of Diastereomers

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.