

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L033009-0205)

Analysis Date: 30/08/2022

Re-test Date: 29/08/2024

## Lacosamide EP Impurity H

### Identification

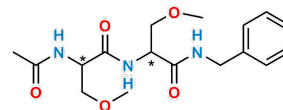
Chemical Name : 2-Acetamido-N-[1-(benzylamino)-3-methoxy-1-oxopropan-2-yl]-3-methoxypropanamide

CAT No. : SZ-L033009

CAS No. : NA

Molecular Formula : C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight : 351.4



### Analytical Information

Batch Code : SRL-160-186

HPLC Purity : 98.62 %

Solubility : ACN:H<sub>2</sub>O (8:2)

Mass : Confirm

Appearance of product : White Solid

IR Analysis : Confirm

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

<sup>1</sup>H NMR : Confirm

Weight Loss By TGA : 0.00 %

### 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, <sup>1</sup>H NMR, IR, TGA

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