

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L033006-0953)

Analysis Date: 20/06/2022

Re-test Date: 17/06/2024

Lacosamide EP Impurity E

Identification

Chemical Name : (2R)-2-Amino-3-hydroxy-N-(phenylmethyl)-propanamide

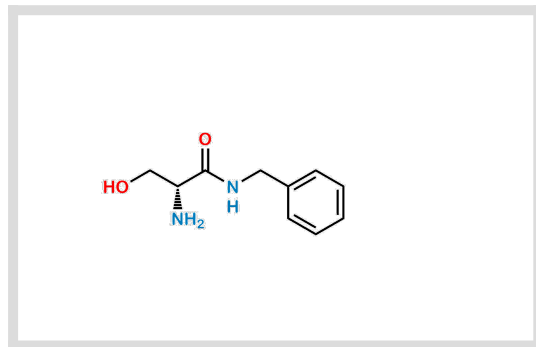
CAT No. : SZ-L033006

CAS No. : 175481-39-7

Molecular Formula : C₁₀H₁₄N₂O₂

Molecular Weight : 194.2

Synonyms : (R-isomer) (Hydroxy Amino Impurity)



Analytical Information

Batch Code : SRL-178-10

HPLC Purity : 97.61 %

Solubility : ACN:H₂O (8:2)

Mass : Confirm

Appearance of product : White Solid

IR Analysis : Confirm

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

¹H NMR : Confirm

Weight Loss By TGA : 0.00 %

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA)] X [97.61 (HPLC Purity)] / 100 = 97.61 %

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.