

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

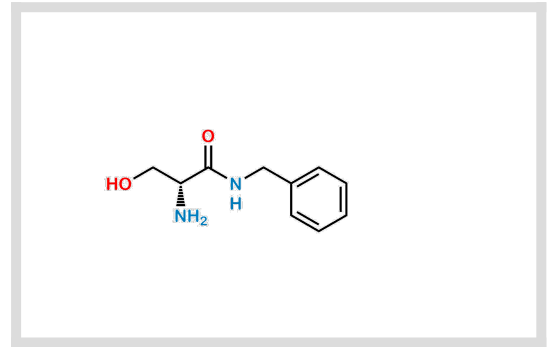
CAT No. : SZ-L033006

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:H ₂ O (8:2)	Mass	: Confirm
Appearance of product	: White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹ H 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.