

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024008-01)

Release Date: 03/07/2025

Re-test Date: 02/07/2028

Salmeterol EP Impurity C

Identification

Chemical Name :

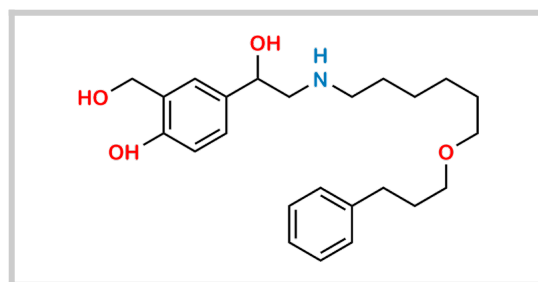
(1RS)-4-(1-Hydroxy-2-((6-(3-phenylpropoxy)hexyl)amino)ethyl)-2-(hydroxymethyl)phenol

CAT No. : KMS024008

CAS No. : 94749-11-8

Molecular Formula : C₂₄H₃₅NO₄

Molecular Weight : 401.6



Analytical Information

Batch No. : S024008-102-104

Description : Light Yellow Solid

HPLC Purity : 96.50 %

Weight Loss By TGA : 0.50 %

% Potency : 96.02 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.50(Weight Loss By TGA)] x [96.50(HPLC Purity)]/100 = 96.02 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA