

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024007-01)

Release Date: 30/06/2025

Re-test Date: 29/06/2028

Salmeterol EP Impurity B

Identification

Chemical Name :

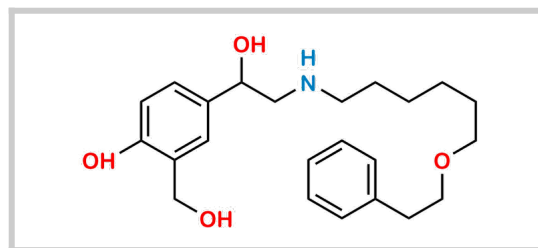
(1RS)-4-(1-Hydroxy-2-((6-phenethoxyhexyl)amino)ethyl)-2-(hydroxymethyl)phenol

CAT No. : KMS024007

CAS No. : 94749-02-7

Molecular Formula : C₂₃H₃₃NO₄

Molecular Weight : 387.5



Analytical Information

Batch No. : S024007-102-106

Description : Off White solid

HPLC Purity : 98.28 %

Weight Loss By TGA : 0.35 %

% Potency : 97.94 %

Solubility : Methanol

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 - 0.35(Weight Loss By TGA)] x [98.28(HPLC Purity)]/100 = 97.94 %

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