

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024010-01)

Release Date: 03/07/2025

Re-test Date: 02/07/2028

Salmeterol Related Compound B

Identification

Chemical Name :

(1R)-1-[4-Hydroxy-3-(hydroxymethyl)phenyl]-2-[[6-(1-methyl-3-phenylpropoxy)hexyl]amino]ethanol

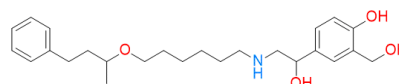
Alt. Name : Salmeterol USP Related Compound B

CAT No. : KMS024010

CAS No. : 108928-81-0

Molecular Formula : C₂₅H₃₇NO₄

Molecular Weight : 415.6



Analytical Information

Batch No. : S024010-102-105

Solubility : Acetonitrile

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 97.99 %

IR : Confirm

Weight Loss By TGA : 2.41 %

¹H NMR : Confirm

% Potency : 95.63 %

¹³C 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 - 2.41(Weight Loss By TGA)] x [97.99(HPLC Purity)]/100 = 95.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA