

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024010-02)

Release Date: 12/05/2026

Re-test Date: 11/05/2029

Salmeterol Impurity E

Identification

Chemical Name :

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

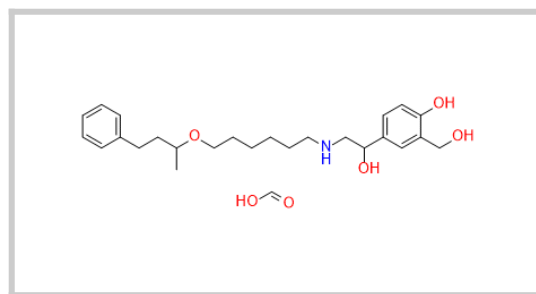
Alt. Name : Salmeterol USP Related Compound B

CAT No. : KMS024010

CAS No. : Not Available

Molecular Formula : C₂₅H₃₇N₀O₄ : CH₂O₂

Molecular Weight : 415.6 : 46.03



Analytical Information

Batch No. : S024010-114-305

Solubility : ACN : Water

Description : Light Brown Thick Syrup

Mass : Confirm

HPLC Purity : 95.62 %

IR : Confirm

Weight Loss By TGA : 1.16 %

¹H NMR : Confirm

% Potency : 94.51 %

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 - 1.16(Weight Loss By TGA)] x [95.62(HPLC Purity)]/100 = 94.51 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		12/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA