

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024010-01)

Release Date: 30/01/2026

Re-test Date: 29/01/2029

Salmeterol Impurity E

Identification

Chemical Name :

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

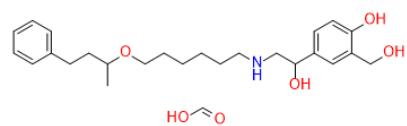
Alt. Name : Salmeterol USP Related Compound B

CAT No. : KMS024010

CAS No. : Not Available

Molecular Formula : C₂₅H₃₇NO₄ : CH₂O₂

Molecular Weight : 415.6 : 46.03



Analytical Information

Batch No. : S024010-102-105

Solubility : Acetonitrile

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 99.50 %

IR : Confirm

Weight Loss By TGA : 4.62 %

1H NMR : Confirm

% Potency : 94.9 %

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 - 4.62(Weight Loss By TGA)] x [99.50(HPLC Purity)]/100 = 94.9 %

-Re-purified and Re-tested on 30.01.2026

Recommendation : Released

Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel	30/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel	30/01/2026

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