

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024006-01)

Release Date: 02/08/2025

Re-test Date: 01/08/2028

Salmeterol Related Compound A

Identification

Chemical Name :

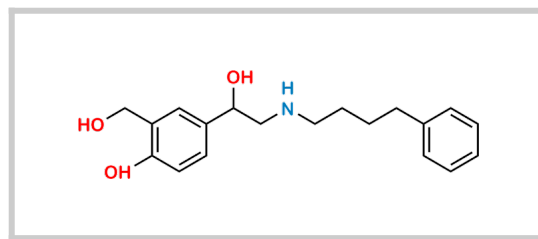
(1RS)-1-[4-hydroxy-3-(hydroxymethyl)phenyl]-2-[(4-phenylbutyl)amino]ethanol (as per EP)

CAT No. : KMS024006

CAS No. : 1798014-51-3

Molecular Formula : C₁₉H₂₅NO₃

Molecular Weight : 315.4



Analytical Information

Batch No. : S024006-102-187

Description : Off White Semi Solid

HPLC Purity : 94.79 %

Weight Loss By TGA : 1.52 %

% Potency : 93.35 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 1.52(Weight Loss By TGA)] x [94.79(HPLC Purity)]/100 = 93.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/08/2025

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