

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024012-01)

Release Date: 03/09/2025

Re-test Date: 02/09/2028

Salmeterol EP Impurity G

Identification

Chemical Name :

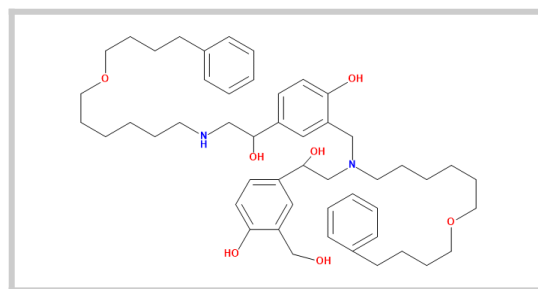
4-(1-Hydroxy-2-((2-hydroxy-5-(1-hydroxy-2-((6-(4-phenylbutoxy)hexyl)amino)ethyl)benzyl)(6-(4-phenylbutoxy)hexyl)amino)ethyl)-2-(hydroxymethyl)phenol

CAT No. : KMS024012

CAS No. : 2470130-36-8

Molecular Formula : C₅₀H₇₂N₂O₇

Molecular Weight : 813.1



Analytical Information

Batch No. : S024012-102-257

Description : Off White Thick Syrup

HPLC Purity : 94.17 %

Weight Loss By TGA : 1.14 %

% Potency : 93.1 %

Solubility : Methanol

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 - 1.14(Weight Loss By TGA)] x [94.17(HPLC Purity)]/100 = 93.1 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/09/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR IR and TGA