

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024011-01)

Release Date: 28/06/2025

Re-test Date: 27/06/2028

Salmeterol EP Impurity F

Identification

Chemical Name :

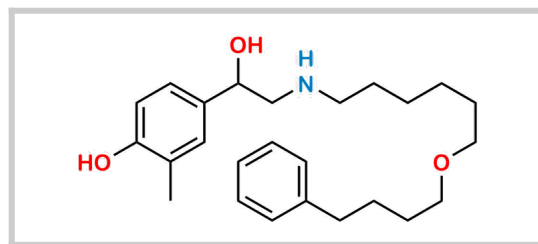
(1RS)-4-(1-Hydroxy-2-((6-(4-phenylbutoxy)hexyl)amino)ethyl)-2-methylphenol

CAT No. : KMS024011

CAS No. : 1391054-40-2

Molecular Formula : C₂₅H₃₇NO₃

Molecular Weight : 399.6



Analytical Information

Batch No. : S024011-102-103

Description : Light Yellow Solid

HPLC Purity : 98.96 %

Weight Loss By TGA : 2.26 %

% Potency : 96.72 %

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 - 2.26(Weight Loss By TGA)] x [98.96(HPLC Purity)]/100 = 96.72 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 01/07/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 01/07/2025 |

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