

CERTIFICATE OF ANALYSIS

(Certificate No. KMA078037-01)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

Albuterol Related Compound A

Identification

Chemical Name :

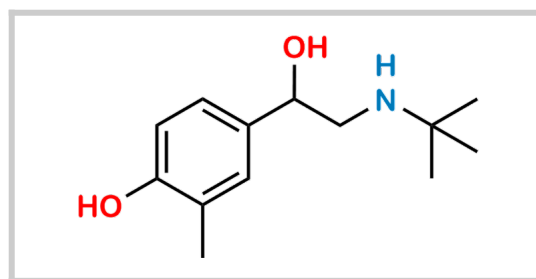
(1RS)-2-[(1,1-Dimethylethyl)amino]-1-(4-hydroxy-3-methylphenyl)ethanol (as per EP)

CAT No. : KMA078037

CAS No. : 18910-68-4

Molecular Formula : C₁₃H₂₁NO₂

Molecular Weight : 223.31



Analytical Information

Batch No. : A078037-091-138

Description : Off White Solid

HPLC Purity : 98.88 %

Weight Loss By TGA : 0.99 %

% Potency : 97.9 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 0.99(Weight Loss By TGA)] x [98.88(HPLC Purity)]/100 = 97.9 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/02/2025

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