

CERTIFICATE OF ANALYSIS

(Certificate No. KML060001-01)

Release Date: 10/02/2025

Re-test Date: 09/02/2028

Albuterol Related Compound B

Identification

Chemical Name :

2-[(1,1-Dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanone

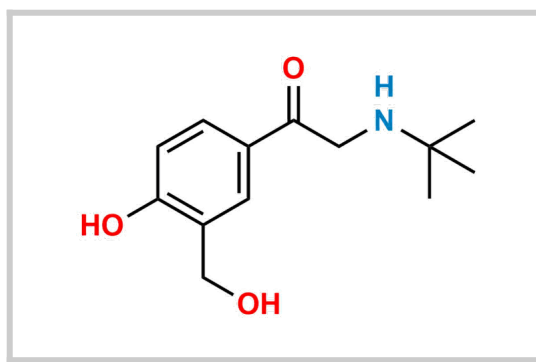
Alt. Name : Salbutamol BP Impurity J ;
Salbutamone ; Albuterol USP Related
Compound B

CAT No. : KML060001

CAS No. : 156547-62-5

Molecular Formula : C₁₃H₁₉NO₃

Molecular Weight : 237.3



Analytical Information

Batch No. : L060001-091-140

Description : Light Yellow Solid

HPLC Purity : 94.86 %

Weight Loss By TGA : 1.79 %

% Potency : 93.16 %

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 - 1.79(Weight Loss By TGA)] x [94.86(HPLC Purity)]/100 = 93.16 %

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, ¹H NMR, IR and TGA