

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.

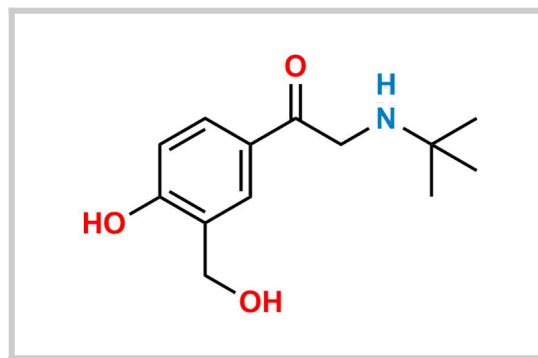
: 156547-62-5

Molecular Formula

: C₁₃H₁₉NO₃

Molecular Weight

: 237.3



Analytical Information

Batch No.

: L060001-091-140

Solubility

: Water

Description

: Light Yellow Solid

Mass

: Confirm

HPLC Purity

: 94.86 %

IR

: Confirm

Weight Loss By TGA

: 1.79 %

¹H NMR

: Confirm

% Potency

: 93.16 %

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, ¹HNMR, IR and TGA