# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMA078037-01)

**Release Date:** 10/02/2025 **Re-test Date:** 09/02/2028

# SALBUTAMOL IMPURITY C

### **Identification**

#### **Chemical Name:**

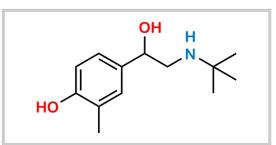
(1RS)-2-[(1,1-Dimethylethyl)amino]-1-(4-hydroxy-3-methylphenyl)ethanol (as per EP)

**CAT No.** : KMA078037

**CAS No.** : 18910-68-4

Molecular Formula : C13H21NO2

**Molecular Weight** : 223.31



## **Analytical Information**

Batch No. : A078037-091-138 **Solubility** : Water **Description** : Off White Solid : Confirm Mass **HPLC Purity** : 98.88 % IR : Confirm Weight Loss By TGA : 0.99 % 1H NMR : Confirm

**% Potency** : 97.9 %

### **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		26/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/05/2025

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