

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS009018-01)

Release Date:

Re-test Date:

## Salbutamol EP Impurity D

### Identification

**Chemical Name :**

5-[(1RS)-2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxybenzaldehyde (as per EP)

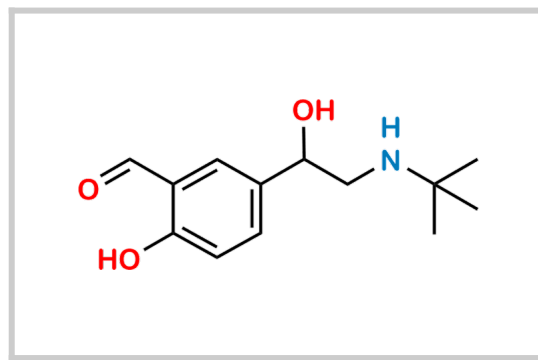
**Alt. Name** : Salbutamol BP Impurity D ;  
Levalbuterol USP RC D ; Salbutamol  
Aldehyde Impurity

**CAT No.** : KMS009018

**CAS No.** : 156339-88-7

**Molecular Formula** : C<sub>13</sub>H<sub>19</sub>NO<sub>3</sub>

**Molecular Weight** : 237.3



### Analytical Information

**Batch No.** : S009018-091-

**Description** : Not Available

**HPLC Purity** : NLT 95 %

**% Potency** : 95 %

**Solubility** : Not Available

**Mass** : Should be  
Confirm

**IR** : Should be  
Confirm

**<sup>1</sup>H NMR** : Should be  
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 - ] x [95(HPLC Purity)]/100 = 95 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/01/2025