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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Salbutamol EP Impurity D

Identification:

Chemical Name: 5-[(1R)-2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxybenzaldehyde

Synonyms : Salbutamol BP Impurity D ;
Salbutamol Aldehyde Impurity

CAS Number : 156339-88-7

CAT Number : CP-S7004

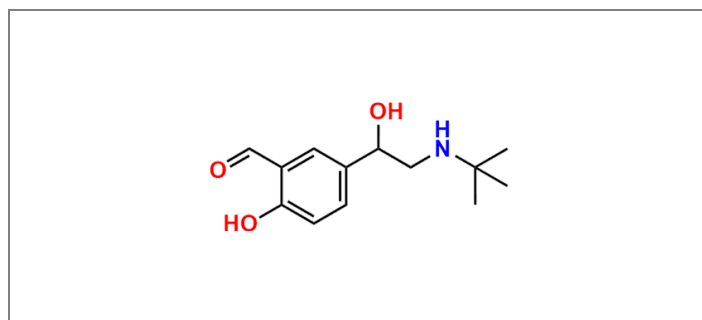
Molecular Formula : C₁₃H₁₉NO₃

Molecular Weight : 237.29

Batch Number : CP-SAL-D-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.42%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	1.328%
9)	Potency by TGA	98.09%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.