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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

**Product Name: Formoterol EP Impurity H**

### Identification:

Chemical Name: N-[5-[(1R)-2-[Benzyl[(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]-1-hydroxyethyl]-2-hydroxyphenyl]formamide

Synonyms : N-Benzylformoterol (USP)

CAS Number : 2514947-17-0

CAT Number : CP-F42008

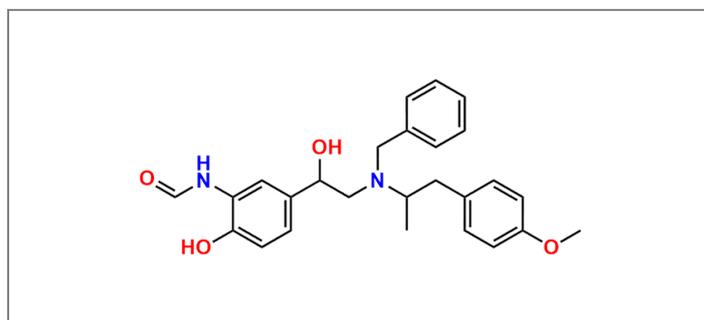
Molecular Formula : C<sub>26</sub>H<sub>30</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 434.5

Batch Number : CP-33-164-A

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	93.08%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.873%
8)	Potency by TGA	90.40%



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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