

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Formoterol EP Impurity I

Identification:

Chemical Name: N-[2-Hydroxy-5-[(1R,S)-1-hydroxy-2-[[[(1S)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide (as per EP)

Synonyms : Formoterol USP Related
Compound I ; rel-(R,S)-
Formoterol ; anti-rac-Formoterol

CAS Number : 532414-36-1

CAT Number : CP-F42058

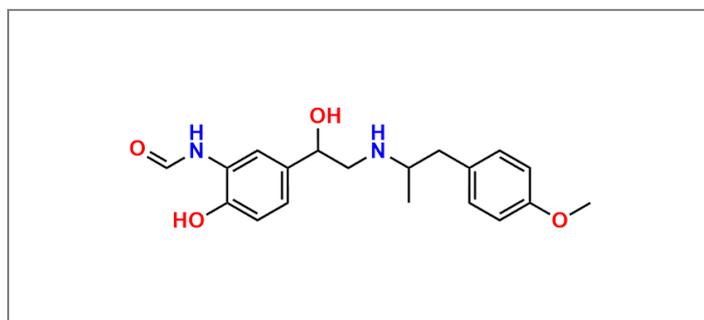
Molecular Formula : C₁₉H₂₄N₂O₄

Molecular Weight : 344.41

Batch Number : CP-FOR-I-0126

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.00%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.772%
8)	Potency by TGA	96.25%



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.