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
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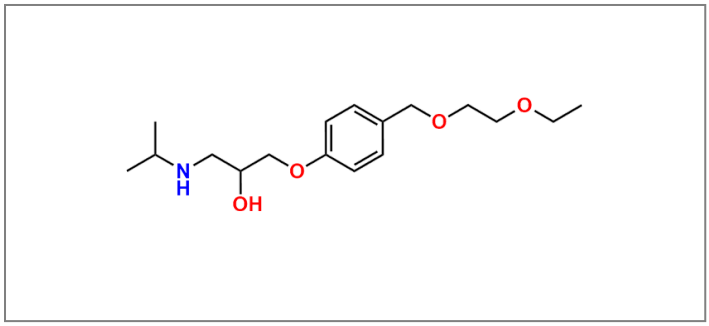
CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2026 Re-test Date: Aug 2029

Product Name: Bisoprolol EP Impurity N

Identification:

Chemical Name: (2RS)-1-[4-[(2-ethoxyethoxy)methyl]phenoxy]-3-isopropylaminopropan-2-ol (as per EP)



Synonyms	:	O-Desisopropyl-O-ethyl Bisoprolol Hemifumarate
CAS Number	:	1346601-75-9
CAT Number	:	CP-B14014
Molecular Formula	:	C17H29NO4
Molecular Weight	:	311.42
Batch Number	:	CP-31-239
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	Colourless Sticky Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity By HPLC	95.37%
5)	1HNMR	Confirm to Structure
6)	FT-IR	-
7)	Weight loss by TGA	-
8)	Potency	-

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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