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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2026

Product Name: Bisoprolol EP Impurity L

Identification:

Chemical Name: 4-(((2R)-2-Hydroxy-3-(isopropylamino)-propyl)oxy)benzaldehyde

Synonyms : NA

CAS Number : 29122-74-5

CAT Number : CP-B14012

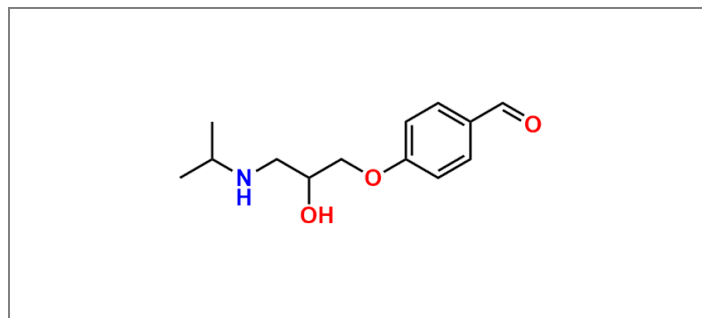
Molecular Formula : C₁₃H₁₉NO₃

Molecular Weight : 237.30

Batch Number : CP-MET-C-0823

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	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.16%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.787%
8)	Potency by TGA	97.37%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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