CERTIFICATE OF ANALYSIS

(Certificate No. KMB009001-01)

Release Date: 14/05/2024 **Re-test Date:** 13/05/2027

Bisoprolol EP Impurity A

Identification

Chemical Name :
1-(4-(hydroxymethyl)phenoxy)-3-(isopropylamino)propan-2-ol

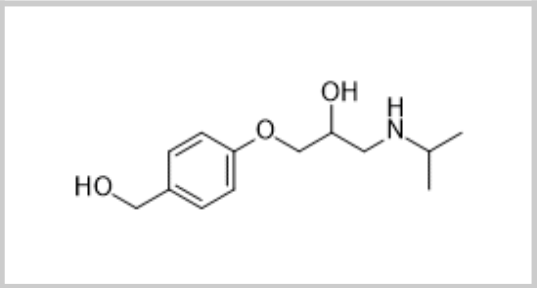
Alt. Name : Bisoprolol USP Related Compound A

CAT No. : KMB009001

CAS No. : 62572-93-4

Molecular Formula : C13H21NO3

Molecular Weight : 239.31



Analytical Information

Batch No.	: BIS-IMP-A-019-157	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.93 %	**IR**	: Confirm
Weight Loss By TGA	: 0.50 %	**1H NMR**	: Confirm
% Potency	: 96.45 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.50(Weight Loss By TGA)] x [96.93(HPLC Purity)]/100 = 96.45 %
Remarks : COA Re-generated on 14.05.2024
-Re-tested on 14.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA