

CERTIFICATE OF ANALYSIS

(Certificate No. KMB009002-01)

Release Date: 20/06/2023

Re-test Date: 19/06/2026

Bisoprolol Impurity K

Identification

Chemical Name :

2-isopropoxyethyl 4-(2-hydroxy-3-(isopropylamino)propoxy)benzoate

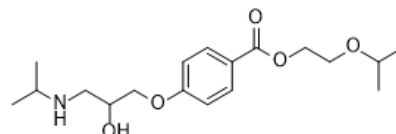
Alt. Name : Bisoprolol USP Related Compound F

CAT No. : KMB009002

CAS No. : 864544-37-6

Molecular Formula : C₁₈H₂₉N₁O₅

Molecular Weight : 339.43



Analytical Information

Batch No. : BIS-EPK-045-176

Description : White Solid

HPLC Purity : 99.19 %

Weight Loss By TGA : 0.10 %

% Potency : 99.09 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.10(Weight Loss By TGA)] x [99.19(HPLC Purity)]/100 = 99.09 %

-Re-tested on 28.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/05/2025

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