CERTIFICATE OF ANALYSIS

(Certificate No. KMB009002-02)

Release Date: 24/03/2026 **Re-test Date:** 23/03/2029

Bisoprolol Impurity K

Identification

Chemical Name :
2-isopropoxyethyl 4-(2-hydroxy-3-(isopropylamino)propoxy)benzoate

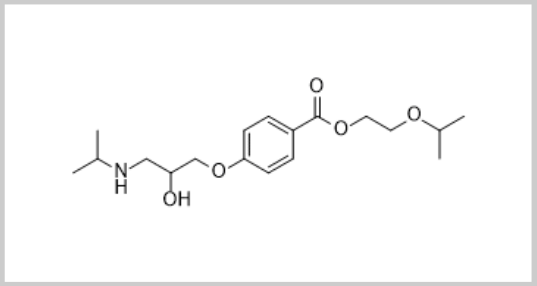
Alt. Name : Bisoprolol USP Related Compound F

CAT No. : KMB009002

CAS No. : 864544-37-6

Molecular Formula : C18H29NO5

Molecular Weight : 339.43



Analytical Information

Batch No.	: B009002-114-222	**Solubility**	: ACN
Description	: White solid	**Mass**	: Confirm
HPLC Purity	: 95.06 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 95 %		

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 - 0.06(Weight Loss By TGA)] x [95.06(HPLC Purity)]/100 = 95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/03/2026

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