CERTIFICATE OF ANALYSIS

(Certificate No. KMA003005-01)

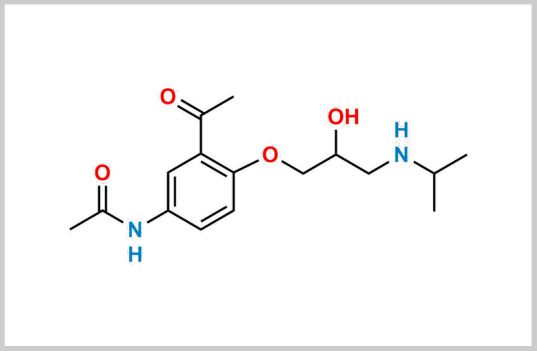
Release Date: 08/04/2025 **Re-test Date:** 07/04/2028

Acebutolol Related Compound B

Identification

Chemical Name :
N-[3-acetyl-4-[(2RS)-2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]acetamide (as per EP) N-{3-Acetyl-4-[2-hydroxy-3-(isopropylamino)propoxy]phenyl}acetamide (as per USP)

Alt. Name	: Diacetolol (EP) ; Acebutolol USP Related Compound B ; Diacetol ; Acetylacebutolol ; (±)-Diacetolol
CAT No.	: KMA003005
CAS No.	: 22568-64-5
Molecular Formula	: C16H24N2O4
Molecular Weight	: 308.4



Analytical Information

Batch No.	: ACE-RC-B-030-082	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.08 %	**IR**	: Confirm
Weight Loss By TGA	: 0.93 %	**1H NMR**	: Confirm
% Potency	: 96.18 %		

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 - 0.93(Weight Loss By TGA)] x [97.08(HPLC Purity)]/100 = 96.18 %
-Re-tested on 08.04.2025

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