CERTIFICATE OF ANALYSIS

(Certificate No. KMA003001-01)

Release Date: 07/04/2022 **Re-test Date:** 06/04/2025

Acebutolol Related Compound I

Identification

Chemical Name :
N-(3-acetyl-4-(3-(ethylamino)-2-hydroxypropoxy)phenyl)butyramide

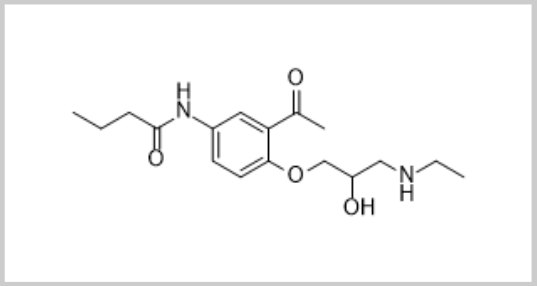
Alt. Name : Acebutolol USP Related Compound I

CAT No. : KMA003001

CAS No. : 441019-91-6

Molecular Formula : C17H26N2O4

Molecular Weight : 322.40



Analytical Information

Batch No.	: ACE-RC-I-030-068	**Solubility**	: ACN
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.55 %	**IR**	: Confirm
Weight Loss By TGA	: 0.96 %	**1H NMR**	: Confirm
% Potency	: 96.61 %		

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 - 0.96(Weight Loss By TGA)] x [97.55(HPLC Purity)]/100 = 96.61 %
Remarks : COA Re-generated on 08.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		08/06/2024

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