

# 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

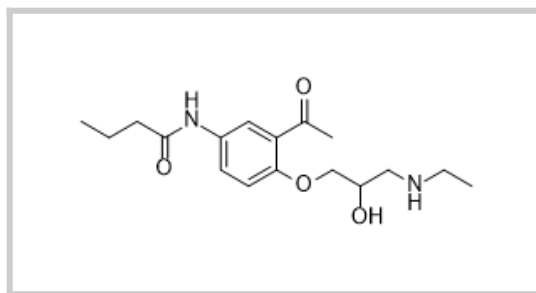
**Alt. Name** : Acebutolol USP Related Compound I

**CAT No.** : KMA003001

**CAS No.** : 441019-91-6

**Molecular Formula** : C<sub>17</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>

**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 %

**<sup>1</sup>H 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, <sup>1</sup>H NMR, IR and TGA