

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA003006-01)

Release Date: 08/04/2025

Re-test Date: 07/04/2028

## Acebutolol Related Compound A

### Identification

**Chemical Name :**

N-(3-Acetyl-4-hydroxyphenyl)butanamide (as per EP & USP)

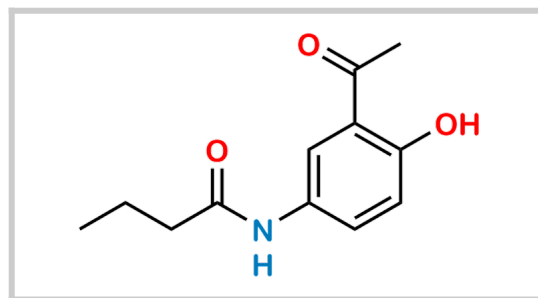
**Alt. Name** : Acebutolol USP Related Compound A

**CAT No.** : KMA003006

**CAS No.** : 40188-45-2

**Molecular Formula** : C<sub>12</sub>H<sub>15</sub>NO<sub>3</sub>

**Molecular Weight** : 221.3



### Analytical Information

**Batch No.** : ACE-RC-A-030-066

**Description** : White Solid

**HPLC Purity** : 99.73 %

**Weight Loss By TGA** : 0.52 %

**% Potency** : 99.21 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.52(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 99.21 %

-Re-tested on 08.04.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/04/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA