

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA003012-02)

Release Date: 29/08/2025

Re-test Date: 28/08/2028

## ACEBUTOLOL RELATED COMPOUND I

### Identification

**Chemical Name :**

N-[3-Acetyl-4-[(2RS)-3-(ethylamino)-2-hydroxypropoxy]phenyl]butanamide (as per EP); N-{3-Acetyl-4-[3-(ethylamino)-2-hydroxypropoxy]phenyl}butyramide (as per USP); N-Desisopropyl-N-Ethyl Acebutolol

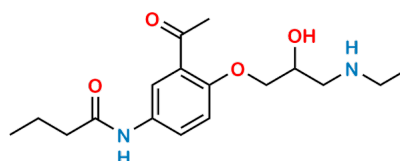
**Alt. Name** : Acebutolol USP Related Compound I

**CAT No.** : KMA003012

**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** : 322.4



### Analytical Information

**Batch No.** : A003012-102-242

**Solubility** : Methanol

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 96.44 %

**IR** : Confirm

**Weight Loss By TGA** : 0.96 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 95.51 %

### 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 [96.44(HPLC Purity)]/100 = 95.51 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/08/2025

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