

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB064001-01)

Release Date: 04/12/2024

Re-test Date: 03/12/2027

## Betaxolol EP Impurity A

### Identification

**Chemical Name :**  
(2RS)-1-(4-Ethylphenoxy)-3-[(1-methylethyl)amino]propan-2-ol (as per EP)

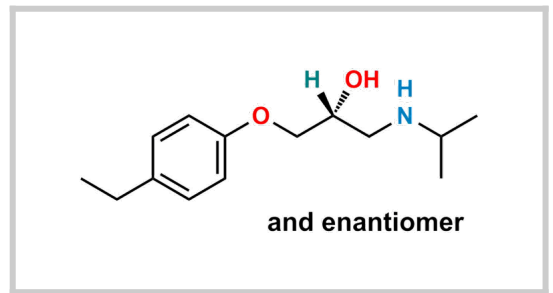
**Alt. Name** : Betaxolol USP Related Compound A

**CAT No.** : KMB064001

**CAS No.** : 67193-95-7

**Molecular Formula** : C<sub>14</sub>H<sub>23</sub>NO<sub>2</sub>

**Molecular Weight** : 237.3



### Analytical Information

**Batch No.** : B064001-091-063

**Description** : White Solid

**HPLC Purity** : 99.57 %

**Weight Loss By TGA** : 0.07 %

**% Potency** : 99.5 %

**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 - 0.07(Weight Loss By TGA)] x [99.57(HPLC Purity)]/100 = 99.5 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		04/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		04/12/2024

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