

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB009001-01)

Release Date: 14/05/2024

Re-test Date: 13/05/2027

## Bisoprolol Related Compound A

### Identification

**Chemical Name :**

1-(4-(hydroxymethyl)phenoxy)-3-(isopropylamino)propan-2-ol

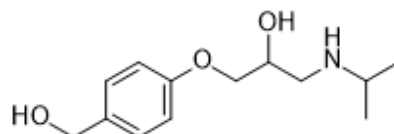
**Alt. Name** : Bisoprolol USP Related Compound A

**CAT No.** : KMB009001

**CAS No.** : 62572-93-4

**Molecular Formula** : C<sub>13</sub>H<sub>21</sub>NO<sub>3</sub>

**Molecular Weight** : 239.31



### Analytical Information

**Batch No.** : BIS-IMP-A-019-157

**Solubility** : Methanol

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 96.93 %

**IR** : Confirm

**Weight Loss By TGA** : 0.50 %

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

**% Potency** : 96.45 %

### 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 - 0.50(Weight Loss By TGA)] x [96.93(HPLC Purity)]/100 = 96.45 %

Remarks : COA Re-generated on 14.05.2024

-Re-tested on 14.05.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/05/2024

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