## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP002019-01)

**Release Date:** 20/08/2023 **Re-test Date:** 19/08/2026

# **Propranolol EP Impurity B**

## **Identification**

#### **Chemical Name:**

3,3'-(isopropylazanediyl)bis(1-(naphthalen-1-yloxy)propan-2-ol)

**Alt. Name** : Propranolol Dimer

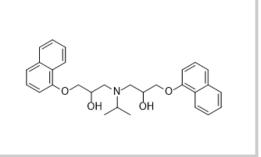
**CAT No.** : KMP002019

**CAS No.** : 2172495-51-9 (HCl salt); 83314-78-7

(free base)

Molecular Formula : C29H33NO4

**Molecular Weight** : 459.58



## **Analytical Information**

Batch No. : PRO-DIMER-019-016 **Solubility** : Methanol **Description** : White Syrup Mass : Confirm **HPLC Purity** : 97.30 % IR : Confirm Weight Loss By TGA : 2.93 % 1H NMR : Confirm

**% Potency** : 94.45 %

## **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 - 2.93(Weight Loss By TGA)] x [97.30(HPLC Purity)]/100 = 94.45 %

Remarks: COA Re-generated on 24.10.2024

-Re-tested on 20.08.2023

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/10/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA