## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD017001-02)

**Release Date:** 13/11/2024 **Re-test Date:** 12/11/2027

# Doxylamine N'-Oxide

### **Identification**

**Chemical Name:** 

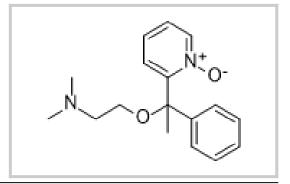
2-(1-(2-(dimethylamino)ethoxy)-1-phenylethyl)pyridine 1-oxide

**CAT No.** : KMD017001

**CAS No.** : 99430-77-0

**Molecular Formula** : C17H22N2O2

**Molecular Weight** : 286.37



## **Analytical Information**

**Description**: Light Yellow Hygroscopic SolidMass: Confirm**HPLC Purity**: 99.11 %IR: Confirm

Weight Loss By TGA : 0.06 % 1H NMR : Confirm

**% Potency** : 99.05 %

#### **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 - 0.06(Weight Loss By TGA)] x [99.11(HPLC Purity)]/100 = 99.05 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/11/2024

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