# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMV001001-02)

**Release Date:** 25/09/2025 **Re-test Date:** 24/09/2028

# N-Nitroso Desmethyl Venlafaxine

### **Identification**

#### **Chemical Name:**

N-(2-(1-hydroxycyclohexyl)-2-(4-methoxyphenyl)ethyl)-N-methyl nitrous amide (Mixture of E/Z Isomers)

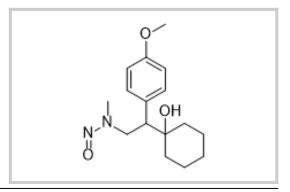
**Alt. Name** : N-Nitroso Venlafaxine EP Impurity D

**CAT No.** : KMV001001

**CAS No.** : 2680662-11-5

Molecular Formula : C16H24N2O3

**Molecular Weight** : 292.37



## **Analytical Information**

Description: Light Yellow Thick SyrupMass: ConfirmHPLC Purity: 99.96 %IR: ConfirmWeight Loss By TGA: 4.88 %1H NMR: Confirm

**% Potency** : 95.08 %

### **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 - 4.88(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 95.08 %

-Mixture of Isomer

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		19/11/2025

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