

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC030002-01)

Release Date: 27/05/2024

Re-test Date: 26/05/2027

## N-Nitroso Desmethyl Carbinoxamine

### Identification

**Chemical Name :**

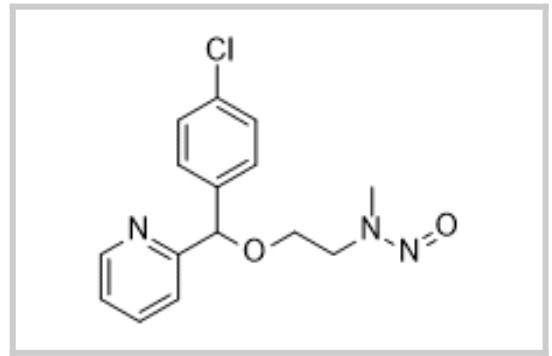
N-(2-((4-chlorophenyl)(pyridin-2-yl)methoxy)ethyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

**CAT No.** : KMC030002

**CAS No.** : Not Available

**Molecular Formula** : C<sub>15</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>

**Molecular Weight** : 305.76



### Analytical Information

**Batch No.** : CAR-N-NO-073-242

**Description** : Light Yellow Thick Syrup

**HPLC Purity** : 98.66 %

**Weight Loss By TGA** : 0.29 %

**% Potency** : 98.37 %

**Solubility** : ACN

**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 - 0.29(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 98.37 %

-Mixture of Isomers

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		28/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		28/05/2024

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