

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA010001-01)

Release Date: 24/04/2024

Re-test Date: 23/04/2027

## N-Nitroso-Desmethyl-Amitriptyline

### Identification

**Chemical Name :**

N-(3-(10,11-dihydro-5H-dibenzo[a,d][7]annulen-5-ylidene)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

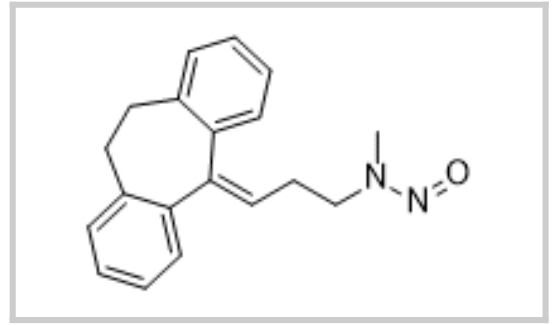
**Alt. Name** : N-Nitroso Nortriptyline

**CAT No.** : KMA010001

**CAS No.** : 55855-42-0

**Molecular Formula** : C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O

**Molecular Weight** : 292.37



### Analytical Information

**Batch No.** : AMI-N-NO-073-181

**Description** : Light Yellow Thick Syrup

**HPLC Purity** : 99.98 %

**Weight Loss By TGA** : 1.32 %

**% Potency** : 98.66 %

**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** =  $[100 - 1.32(\text{Weight Loss By TGA})] \times [99.98(\text{HPLC Purity})]/100 = 98.66 \%$   
-Mixture of Isomers

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2024

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