

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT023001-01)

Release Date: 24/04/2024

Re-test Date: 23/04/2027

## N-Nitroso-Terbinafine Impurity A

### Identification

**Chemical Name :**

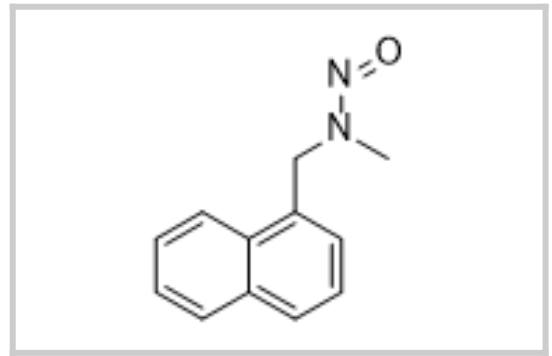
N-methyl-N-(naphthalen-1-ylmethyl)nitrous amide (Mixture of E/Z Isomer)

**CAT No.** : KMT023001

**CAS No.** : 296760-88-8

**Molecular Formula** : C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O

**Molecular Weight** : 200.24



### Analytical Information

**Batch No.** : TER-EPA-N-NO-073-184

**Solubility** : ACN

**Description** : Yellow Thick Syrup

**Mass** : Confirm

**HPLC Purity** : 99.83 %

**IR** : Confirm

**Weight Loss By TGA** : 0.11 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.72 %

### 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 - 0.11(Weight Loss By TGA)] x [99.83(HPLC Purity)]/100 = 99.72 %

-Mixture of Isomers

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		24/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		24/04/2024

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