

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN084085-01)

Release Date: 25/04/2026

Re-test Date: 24/04/2029

## N-Nitroso-N-ethyl phenyl amine impurity

### Identification

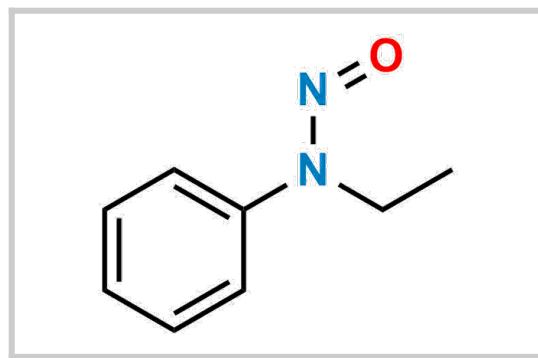
**Chemical Name :**  
N-ethyl-N-phenylnitrous amide

**CAT No.** : KMN084085

**CAS No.** : 612-64-6

**Molecular Formula** : C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O

**Molecular Weight** : 150.2



### Analytical Information

**Batch No.** : N084085-114-274

**Description** : Brown Liquid

**HPLC Purity** : 94.40 %

**Weight Loss By TGA** : 1.40 %

**% Potency** : 93.08 %

**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 - 1.40(Weight Loss By TGA)] x [94.40(HPLC Purity)]/100 = 93.08 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		25/04/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		25/04/2026

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