

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN001013-01)

Release Date: 01/05/2025

Re-test Date: 30/04/2028

## N-NITROSODIETHYLAMINE

### Identification

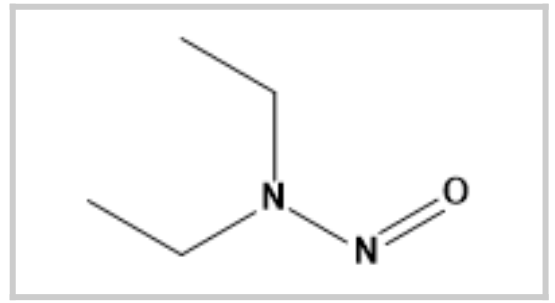
**Chemical Name :**  
N,N-diethylnitrous amide

**CAT No.** : KMN001013

**CAS No.** : 55-18-5

**Molecular Formula** : C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O

**Molecular Weight** : 102.13



### Analytical Information

**Batch No.** : NDEA-045-055

**Description** : Pale Yellow Oil

**HPLC Purity** : 99.80 %

**Weight Loss By KF** : 0.66 %

**% Potency** : 99.14 %

**Solubility** : Acetonitrile

**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 - 0.66(Weight Loss By KF)] x [99.80(HPLC Purity)]/100 = 99.14 %  
-Re-tested on 01.05.2025

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		01/05/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Vekariya		01/05/2026

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