

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN001013-01)

**Release Date:** 17/02/2023

**Re-test Date:** 16/02/2026

## **N-Nitrosodiethylamine (NDEA)**

### **Identification**

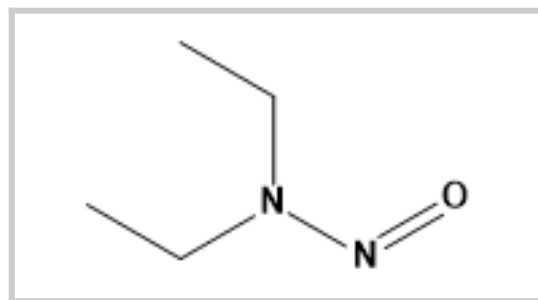
**Chemical Name :**  
N,N-diethylnitrous amide

**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** : 99.84 %

**Weight Loss By KF** : 0.44 %

**% Potency** : 99.4 %

**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 - 0.44(Weight Loss By KF)] x [99.84(HPLC Purity)]/100 = 99.4 %

Remarks : COA Re-generated on 22.04.2024

-Structure image change on 13.07.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/02/2025

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