

CERTIFICATE OF ANALYSIS

(Certificate No. KMN001013-01)

Release Date: 30/04/2025

Re-test Date: 29/04/2028

N-Nitrosodiethylamine (NDEA)

Identification

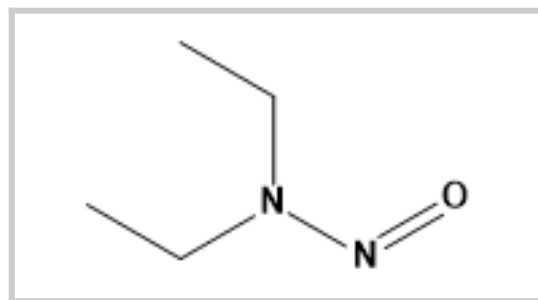
Chemical Name :
N,N-diethylnitrous amide

CAT No. : KMN001013

CAS No. : 55-18-5

Molecular Formula : C₄H₁₀N₂O

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

¹H NMR : Confirm

¹³C 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 30.04.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³C NMR, IR and KF