

CERTIFICATE OF ANALYSIS

(Certificate No. KMT198004-01)

Release Date: 30/09/2024

Re-test Date: 29/09/2027

N-Nitroso Diethanolamine (NDELA)

Identification

Chemical Name :
2,2'-(nitrosoimino)diethanol (as per EP)

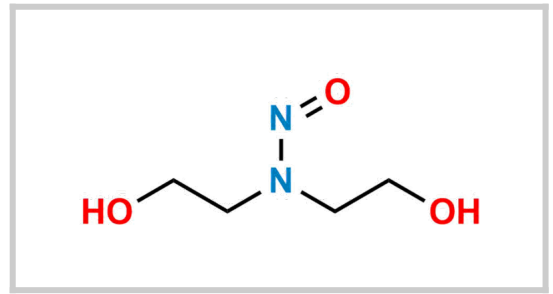
Alt. Name : N-nitrosodiethanolamine (EP)

CAT No. : KMT198004

CAS No. : 1116-54-7

Molecular Formula : C₄H₁₀N₂O₃

Molecular Weight : 134.1



Analytical Information

Batch No. : T198004-073-399

Description : Yellow Liquid

HPLC Purity : 97.50 %

Weight Loss By TGA : 3.98 %

% Potency : 93.62 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 = $[100 - 3.98(\text{Weight Loss By TGA})] \times [97.50(\text{HPLC Purity})]/100 = 93.62 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/09/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA