CERTIFICATE OF ANALYSIS

(Certificate No. KMT198004-01)

Release Date: 30/09/2024 **Re-test Date:** 29/09/2027

N-Nitrosodiethanolamine (NDELA)

Identification

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

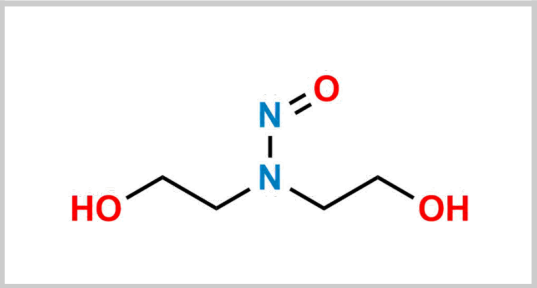
Alt. Name : N-nitrosodiethanolamine (EP)

CAT No. : KMT198004

CAS No. : 1116-54-7

Molecular Formula : C4H10N2O3

Molecular Weight : 134.1



Analytical Information

Batch No.	: T198004-073-399	**Solubility**	: Acetonitrile
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 97.50 %	**IR**	: Confirm
Weight Loss By TGA	: 3.98 %	**1H NMR**	: Confirm
% Potency	: 93.62 %		

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(Weight Loss By TGA)] x [97.50(HPLC Purity)]/100 = 93.62 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		01/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA