## **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)

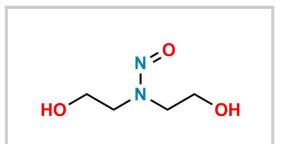
**Alt. Name** : N-nitrosodiethanolamine (EP)

**CAT No.** : KMT198004

**CAS No.** : 1116-54-7

Molecular Formula : C4H10N2O3

**Molecular Weight** : 134.1



### **Analytical Information**

**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