

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN001016-01)

**Release Date:** 30/06/2025

**Re-test Date:** 29/06/2028

## **N-Nitrosodibutylamine (NDBA)**

### **Identification**

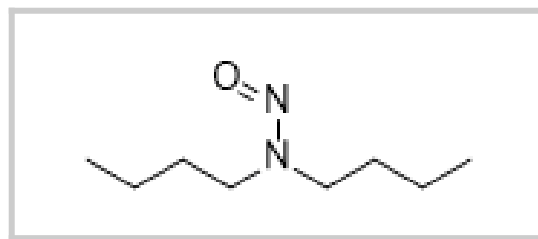
**Chemical Name :**  
N,N-dibutylnitrous amide

**CAT No.** : KMN001016

**CAS No.** : 924-16-3

**Molecular Formula** : C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O

**Molecular Weight** : 158.24



### **Analytical Information**

**Batch No.** : NDBA-045-056

**Description** : Pale Yellow Liquid

**HPLC Purity** : 98.15 %

**Weight Loss By KF** : 0.50 %

**% Potency** : 97.66 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.50(Weight Loss By KF)] x [98.15(HPLC Purity)]/100 = 97.66 %

-Re-tested on 30.06.2025

-<sup>13</sup>C NMR Analysis added on 02.07.2025

**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, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and KF