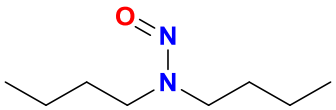
COMMITTED FOR CHEMISTRY

**SYNCHEMIA RESEARCH CHEMICAL**

Plot No.408, Prakash Industries,1st Floor,Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.
Mob.No - 9404317505 / 7276018915 . Website : **http://www.synchemia.com**
info@synchemia.com I sales@synchemia.com I export@synchemia.com

## CERTIFICATE OF ANALYSIS

| | | |
|---|---|---|
| **Product Name:** N-Nitroso-di-n-butylamine | | |
| **CAS NO:**924-16-3 | | |
| **Batch No:** SRC-127-AS-288 | | **SRC CAT NO:**SRC-N014071 |
| **Date of Analysis:**28 Feb 2023 | | |
| **Retest Date:**28 Feb 2025 | | |
| **Structure:**  | | |
| **Chemical Name** | | N,N-dibutylnitrous amide |
| **Molecular Formula** | | $C_8H_{18}N_2O$ |
| **Molecular Weight** | | 158.3 |
| **Sr. No.** | **Test** | **Result** |
| 1) | **Description** | NA |
| 2) | **Solubility** | Solubility in DMSO, Methanol |
| 3) | **Identification**<br>1. Mass<br>2. 1H NMR | <br>Confirm to structure<br>Confirm to structure |
| 4) | **Purity by HPLC** | Above 95% |
| **Long Term Storagecondition**<br>**Shipping Condition** | | Store at $2^0$ to $8^0$c<br>Ambient |
| **Note**: This is only for Analytical testing purpose, not for Human or Animal Consumption. | | |
| **Note: N-Nitroso-di-n-butylamine is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures** | | |

| | Signature | Date |
|---|---|---|
| CheckedBy | | |
| ApprovedBy | | |