# CERTIFICATE OF ANALYSIS

(Certificate No. KMB003074-01)

**Release Date:** 14/07/2025 **Re-test Date:** 13/07/2028

## N-Nitroso Bupropion

## Identification

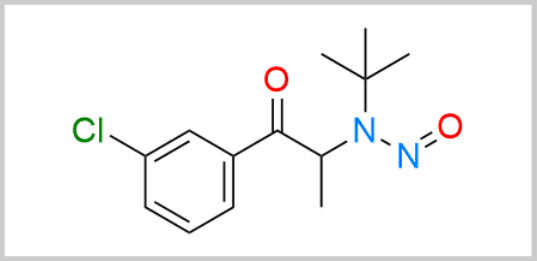
**Chemical Name** :
N-(tert-butyl)-N-(1-(3-chlorophenyl)-1-oxopropan-2-yl)nitrous amide

**CAT No.** : KMB003074

**CAS No.** : Not Available

**Molecular Formula** : C13H17ClN2O2

**Molecular Weight** : 268.74




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : BUP-N-NO-030-105 | **Solubility** | : Acetonitrile |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 98.04 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.87 % | **1H NMR** | : Confirm |
| **% Potency** | : 97.19 % | | |

## 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 - 0.87(Weight Loss By TGA)] x [98.04(HPLC Purity)]/100 = 97.19 %
-Re-tested on 14.07.2025

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 16/07/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 16/07/2025 |

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