

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

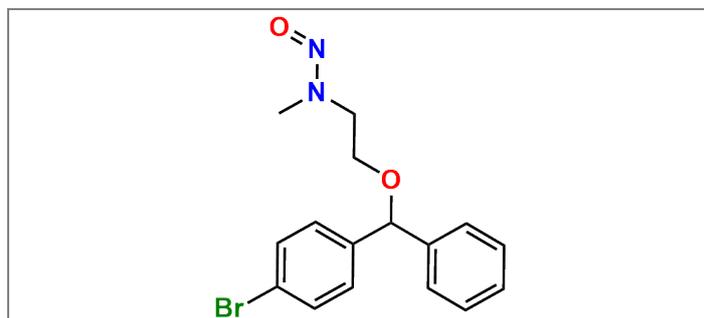
Re-test Date: May 2028

Product Name: N-Nitroso N-Desmethyl Diphenhydramine EP Impurity C

Identification:

Chemical Name: N-(2-((4-bromophenyl)(phenyl)methoxy)ethyl)-N-methylnitrous amide

Synonyms : NA
CAS Number : NA
CAT Number : CP-D23010
Molecular Formula : C₁₆H₁₇BrN₂O₂
Molecular Weight : 349.23
Batch Number : CP-DIP-DMNC-0625
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

| Sr. No. | Test | Result |
|---------|---------------------|----------------------------------------------------------------------------|
| 1) | Description | Light Brown Solid |
| 2) | Solubility | Soluble in Methanol/CDCL ₃ |
| 3) | MASS By LCMS | Confirm to Structure |
| 4) | Purity by HPLC | Isomer 1=49.97 %(RT-11.394) Isomer 2=40.34 %(RT-11.467)Total Purity=90.31% |
| 5) | ¹ H NMR | Confirm to Structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |
| 8) | Weight loss by TGA | 0.535 % |
| 9) | Potency by TGA | 89.83% |



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.