

CERTIFICATE OF ANALYSIS

(Certificate No. KMD025001-01)

Release Date: 04/01/2024

Re-test Date: 03/01/2027

N-Nitroso N-Desmethyl Diphenhydramine

Identification

Chemical Name :

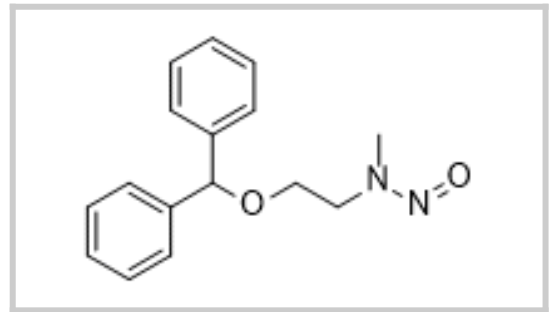
N-(2-(benzhydryloxy)ethyl)-N-methylnitrous amide (Mixture of Isomer)

CAT No. : KMD025001

CAS No. : 55855-43-1

Molecular Formula : C₁₆H₁₈N₂O₂

Molecular Weight : 270.33



Analytical Information

Batch No. : DIP-EPA-NO-073-004

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.95 %

IR : Confirm

Weight Loss By TGA : 0.94 %

¹H NMR : Confirm

% Potency : 99.01 %

¹³C 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 - 0.94(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.01 %

Remarks : COA Re-generated on 15.06.2024

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		04/10/2024

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