# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD025001-01)

#### Re-test Date: 03/01/2027

## **N-Nitroso N-Desmethyl Diphenhydramine**

### **Identification**

#### **Chemical Name** :

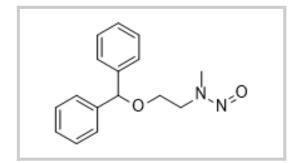
N-(2-(benzhydryloxy)ethyl)-N-methylnitrous amide (Mixture of Isomer)

CAT No.	: KMD025001
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**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**

<b>Shipping Condition</b> : Product is stable to be shipped at room temperature	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