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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: N-Nitroso Dimenhydrinate EP Impurity F

Identification:

Chemical Name: N-(2-(Benzhydryloxy)ethyl)-N-methylnitrous amide

Synonyms : N-Nitroso Desmethyl
Diphenhydramine

CAS Number : 55855-43-1

CAT Number : CP-D52013

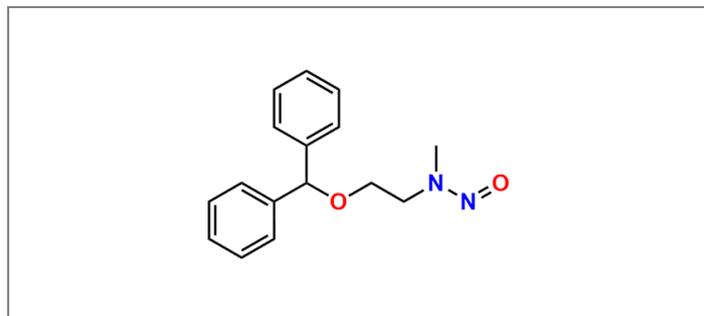
Molecular Formula : C₁₆H₁₈N₂O₂

Molecular Weight : 270.3

Batch Number : CP-DIM-NITF-0924

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.38%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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