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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

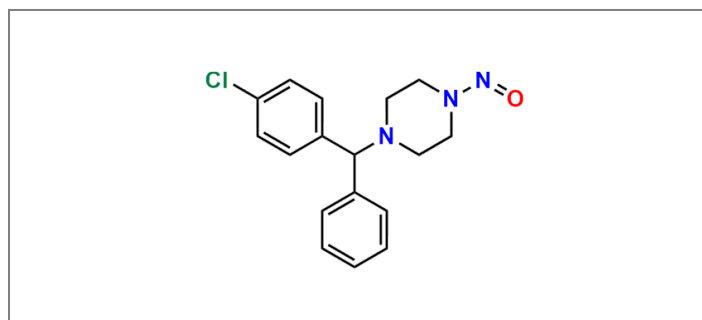
Re-test Date: Aug 2026

Product Name: N-Nitroso Hydroxyzine EP Impurity A

Identification:

Chemical Name: 1-((4-Chlorophenyl)(phenyl)methyl)-4-nitrosopiperazine

Synonyms : NA
CAS Number : 2005-04-1
CAT Number : CP-H11004
Molecular Formula : C17H18ClN3O
Molecular Weight : 315.80
Batch Number : CP-CET-NITA-0923
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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.2%
8)	Potency by TGA	99.68%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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