

**fssai**

CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	N-Nitroso Chlorpromazine Impurity 7		
Chemical Name	2-chloro-10-nitroso-10H-phenothiazine 5-oxide		
Structure	<p>The chemical structure shows a phenothiazine ring system. It features a nitrogen atom at position 10 that is double-bonded to an oxygen atom (forming the 10H-phenothiazine ring) and single-bonded to a secondary nitrogen atom. This secondary nitrogen atom is also single-bonded to a chlorine atom (Cl) and double-bonded to another nitrogen atom, which is further double-bonded to an oxygen atom. The phenothiazine ring is substituted with a sulfur atom at position 5, which is double-bonded to an oxygen atom.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	13	Retest Date	5
Mol. Formula	C ₁₂ H ₇ ClN ₂ O ₂ S	Molecular Wt.	278.71
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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