CERTIFICATE OF ANALYSIS

(Certificate No. KMN001007-02)

Release Date: 17/05/2024 **Re-test Date:** 16/05/2027

Dinitroso Piperazine

Identification

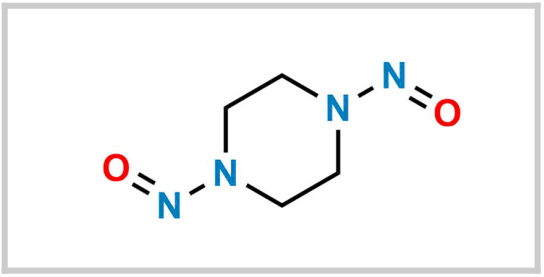
Chemical Name :
1,4-dinitrosopiperazine

CAT No. : KMN001007

CAS No. : 140-79-4

Molecular Formula : C4H8N4O2

Molecular Weight : 144.13



Analytical Information

Batch No.	: PIP-DI-N-NO-019-054	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.62 %	**IR**	: Confirm
Weight Loss By TGA	: 0.62 %	**1H NMR**	: Confirm
% Potency	: 99 %		

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 - 0.62(Weight Loss By TGA)] x [99.62(HPLC Purity)]/100 = 99 %
-Re-tested on 17.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/12/2025

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