

CERTIFICATE OF ANALYSIS

(Certificate No. KMN001007-02)

Release Date: 17/05/2024

Re-test Date: 16/05/2027

Dinitroso Piperazine

Identification

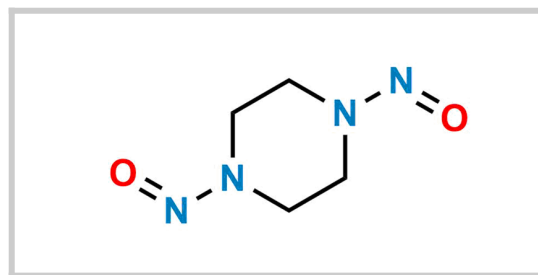
Chemical Name :
1,4-dinitrosopiperazine

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

Description : Off White Solid

HPLC Purity : 99.62 %

Weight Loss By TGA : 0.62 %

% Potency : 99 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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		11/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/10/2025

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