

CERTIFICATE OF ANALYSIS

(Certificate No. KMN001006-03)

Release Date: 15/05/2024

Re-test Date: 14/05/2027

Mononitroso Piperazine

Identification

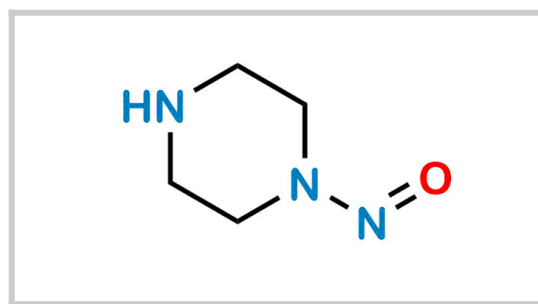
Chemical Name :
1-nitrosopiperazine

CAT No. : KMN001006

CAS No. : 5632-47-3

Molecular Formula : C₄H₉N₃O

Molecular Weight : 115.13



Analytical Information

Batch No. : PIP-MONO-N-NO-019-053

Description : Off White Solid

HPLC Purity : 99.91 %

Weight Loss By TGA : 0.47 %

% Potency : 99.44 %

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 - 0.47(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.44 %

-Re-tested on 15.05.2024

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