CERTIFICATE OF ANALYSIS

(Certificate No. KMN001006-04)

Release Date: 19/03/2026 **Re-test Date:** 18/03/2029

Mononitroso Piperazine

Identification

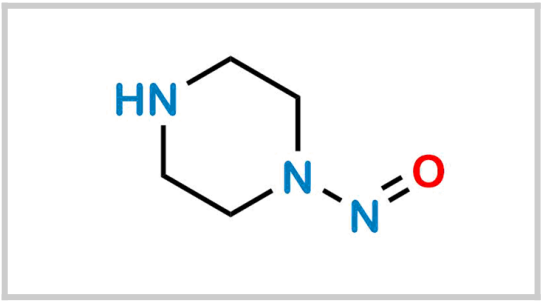
Chemical Name :
1-nitrosopiperazine

CAT No. : KMN001006

CAS No. : 5632-47-3

Molecular Formula : C4H9N3O

Molecular Weight : 115.13



Analytical Information

Batch No.	: N001006-114-220	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.89 %	**IR**	: Confirm
Weight Loss By TGA	: 1.51 %	**1H NMR**	: Confirm
% Potency	: 98.38 %		

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 - 1.51(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 98.38 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/03/2026

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