

CERTIFICATE OF ANALYSIS

(Certificate No. KMB006028-01)

Release Date: 04/10/2025

Re-test Date: 03/10/2028

N-Nitroso Betahistine EP Impurity C

Identification

Chemical Name :

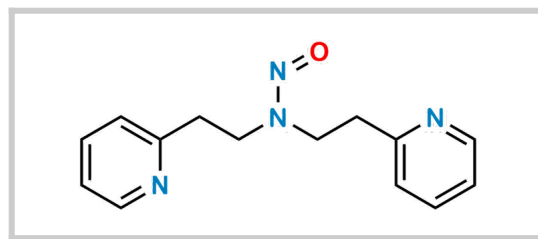
N,N-Bis(2-(pyridin-2-yl)ethyl)nitrous amide

CAT No. : KMB006028

CAS No. : Not Available

Molecular Formula : C₁₄H₁₆N₄O

Molecular Weight : 256.3



Analytical Information

Batch No. : BET-IMP-C-030-276

Description : Yellow Thick Syrup

HPLC Purity : 98.66 %

Weight Loss By TGA : 1.81 %

% Potency : 96.87 %

Solubility : Acetonitrile

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 - 1.81(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 96.87 %

-Re-tested on 04.10.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/10/2025

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