

CERTIFICATE OF ANALYSIS

(Certificate No. KMN084055-01)

Release Date: 06/10/2025

Re-test Date: 05/10/2028

N-Nitroso Bis(2-chloroethyl)amine

Identification

Chemical Name :

N,N-bis(2-chloroethyl)nitrous amide

Alt. Name

: N-Nitroso Cyclophosphamide USP
Related Compound A

CAT No.

: KMN084055

CAS No.

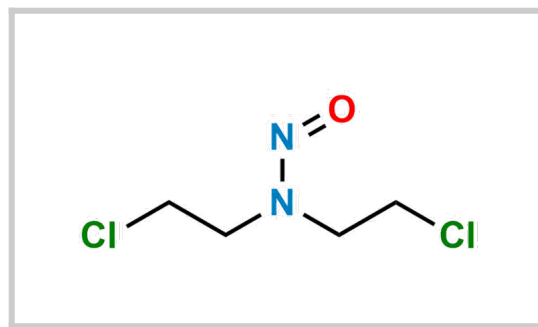
: 67856-68-2

Molecular Formula

: C₄H₈Cl₂N₂O

Molecular Weight

: 171



Analytical Information

Batch No.

: N084055-102-308

Solubility

: Acetonitrile

Description

: Brown Liquid

Mass

: Confirm

HPLC Purity

: 99.02 %

IR

: Confirm

Weight Loss By TGA

: 2.62 %

¹H NMR

: Confirm

% Potency

: 96.43 %

¹³C 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 - 2.62(Weight Loss By TGA)] x [99.02(HPLC Purity)]/100 = 96.43 %

Recommendation

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/10/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA