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

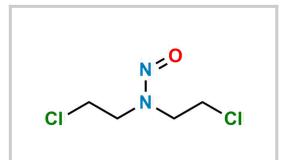
Alt. Name : N-Nitroso Cyclophosphamide USP

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 % : Confirm IR 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