



CERTIFICATE OF ANALYSIS

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1. Identification

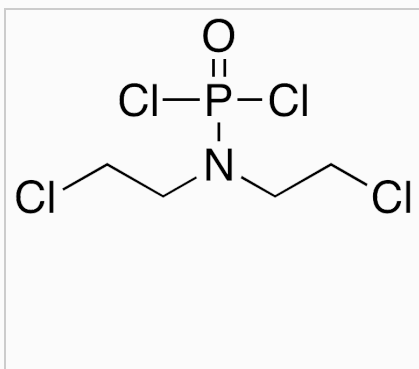
Catalogue Number: B418810

CAS Number: 127-88-8

Product: Bis(2-chloroethyl)aminophosphoric Dichloride

Synonym: N,N-Bis(2-chloroethyl)phosphoramidic Dichloride; N,N-Bis(2-chloroethyl)phosphamide Dichloride; Bis(2-chloroethyl)phosphoramidic Dichloride; NSC 64119;

Structure:



Molecular Formula:

C₄H₈Cl₄NOP

Molecular weight:

258.9

Source of Product:

Synthetic

Solubility:

Benzene (Slightly),
Chloroform (Slightly)

Lot Number: 10-EQJ-53-2

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Semi-Solid to Solid	Off-White to Pale Beige Semi-Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 18.26, %H: 3.21, %N: 5.27
MS	Conforms to Structure	Conforms
GC Purity	Report Result	99.14%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	9/20/2023	9/18/2027