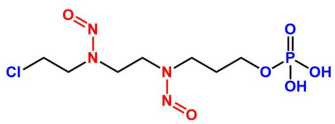


CERTIFICATE OF ANALYSIS

Date: 28-12-2024

Product Name	N-Nitroso Cyclophosphamide Impurity 3		
Chemical Name	3-((2-((2-chloroethyl)(nitroso)amino)ethyl)(nitroso)amino)propyl dihydrogen phosphate		
Structure	 <p>The chemical structure shows a central phosphorus atom double-bonded to an oxygen atom and single-bonded to two hydroxyl groups. One of the single-bonded oxygen atoms is also bonded to a propyl chain. The other end of the propyl chain is attached to a nitrogen atom, which is double-bonded to an oxygen atom and single-bonded to a 2-chloroethyl group. This 2-chloroethyl group is further attached to another nitrogen atom, which is double-bonded to an oxygen atom and single-bonded to another 2-chloroethyl group.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₇ H ₁₆ ClN ₄ O ₆ P	Molecular Wt.	318.65
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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