

Certificate of Analysis

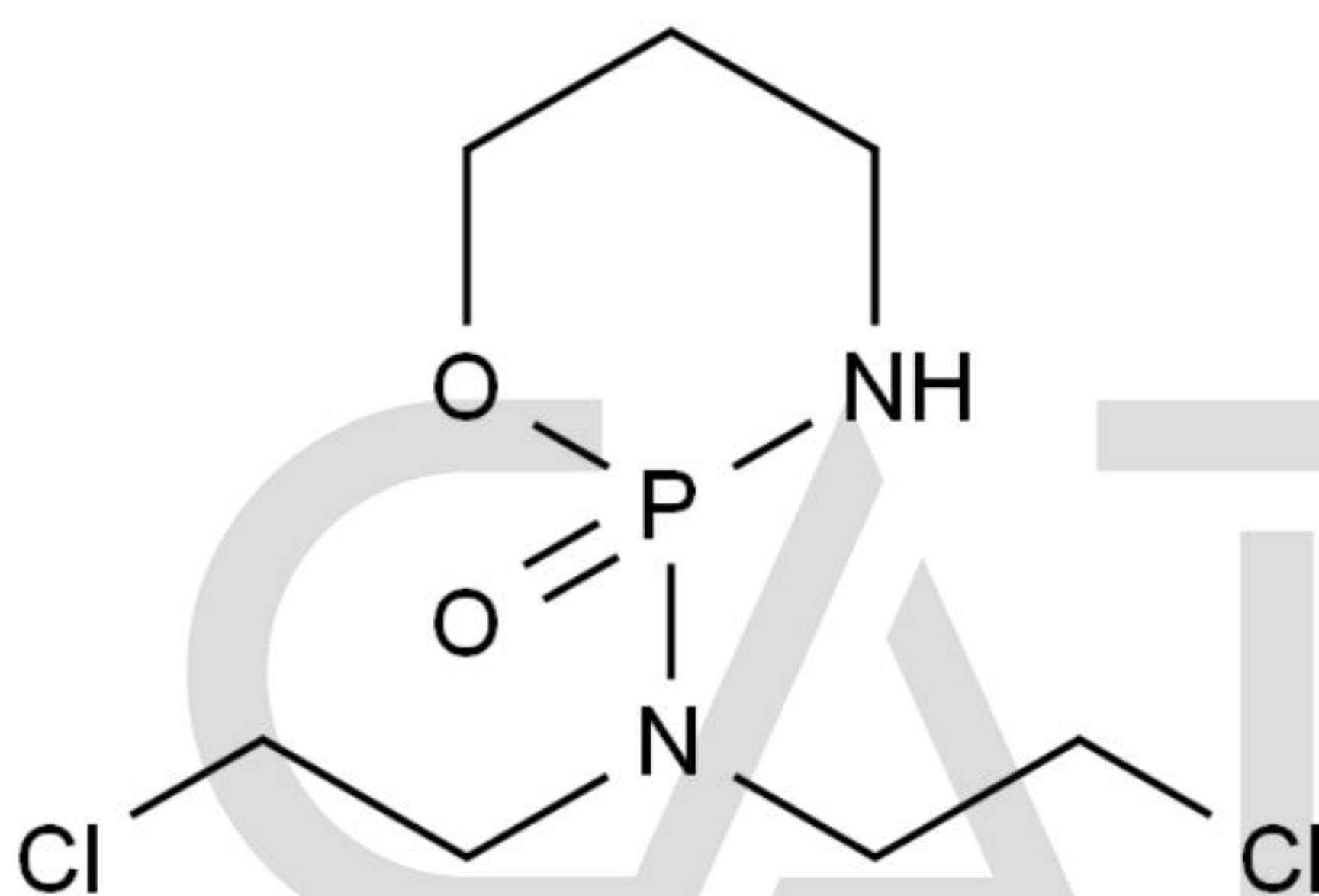
Reference Material & Standard

Product Name:	Cyclophosphamide	Catalogue Number:	CCAD302474
Synonyms:	N/A	Lot Number:	0227-RE-0019
CAS Number:	50-18-0	Expiry Date:	Mar 07, 2027
Molecular Formula:	C ₇ H ₁₅ Cl ₂ N ₂ O ₂ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	261.09	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	92.1%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Mar 08, 2023

Date: Mar 09, 2023

Date: Mar 09, 2023



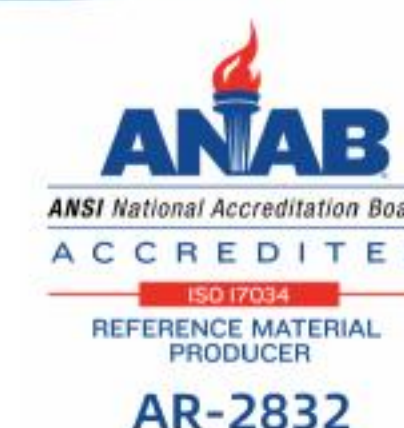
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