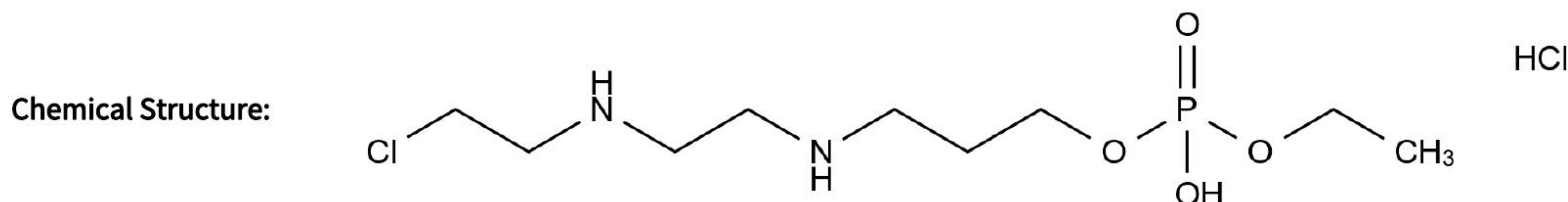


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclophosphamide Impurity 27 HCl	Catalogue Number:	C4X-230627
Synonyms:	N/A	Lot Number:	1130-RE-0006
CAS Number:	2387771-95-9(free base)	Expiry Date:	Nov 22, 2025
Molecular Formula:	C ₉ H ₂₂ ClN ₂ O ₄ P HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	288.71 36.46	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	91.8%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 04, 2023

Date: Dec 04, 2023

Date: Dec 04, 2023



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