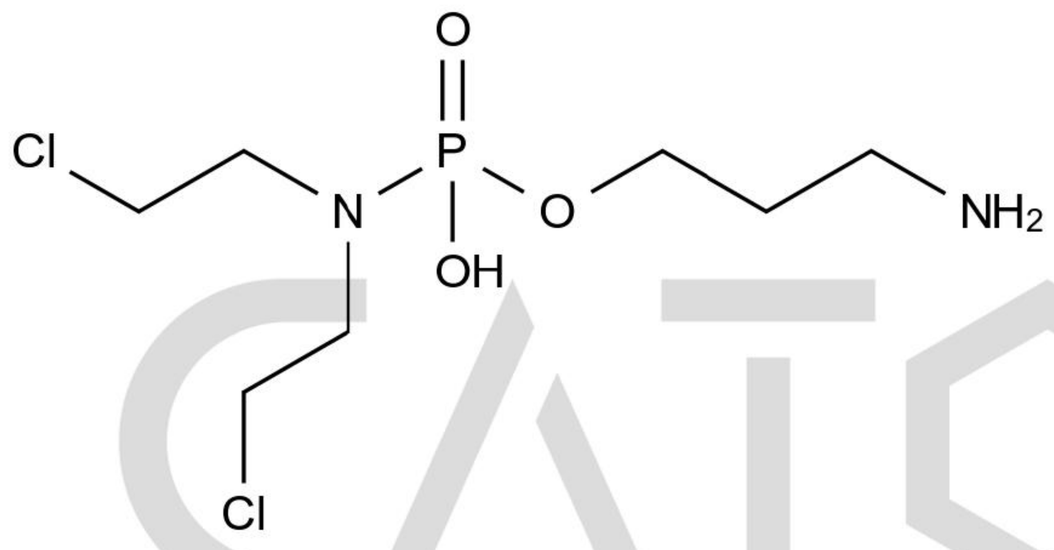
Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclophosphamide Impurity 22	**Catalogue Number:**	C4X-230622
Synonyms:	N/A	**Lot Number:**	1113-RH-0026
CAS Number:	3308-51-8	**Expiry Date:**	Nov 03, 2030
Molecular Formula:	$C_7H_{17}Cl_2N_2O_3P$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.10	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	99.6%
Assay	qNMR	90.9%

CATO Research Chemicals Inc.

Signature:

Prepared by: Reviewed by: Approved by General Manager:

Date: Nov 17, 2026 Date: Nov 17, 2026 Date: Nov 17, 2026