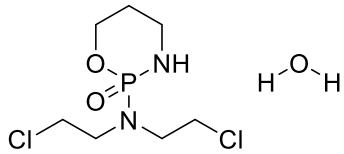




Certificate of Analysis

MedKoo Cat#: 100190	Product Name: Cyclophosphamide monohydrate	Lot#: TCI60226
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Chemical name	
2-[bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide monohydrate	
Synonyms	
Ciclofosfamida; Ciclofosfamide; Claphene CP monohydrate; Cyclophospham; Cyclophosphamid monohydrate; Cyclophosphamidum; Cyclophosphan; Cyclophosphanum; Cytophosphane; Mitoxan; Syklofosamid; Zytosan; US brand names: Clafen; Cytosan; Neosar; Foreign brand names: Carloxan; Cicloxal; Cycloblastin; Cycloblastine; Cyclostin; Cyclostine; Cytophosphan; Endoxan; Endoxana; Enduxan; Fosfaseron; Genoxal; Ledoxina; Procytox; Sendoxan.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100190 Name: Cyclophosphamide monohydrate CAS#: 6055-19-2 Lot# TCI60226 Chemical Formula: C ₇ H ₁₅ Cl ₂ N ₂ O ₂ P Molecular Weight: 279.10

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO and water
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE