

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

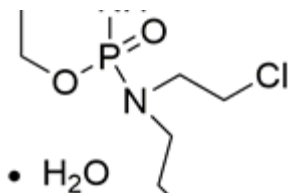
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37708
Product	Cyclophosphamide monohydrate 2-[Bis(2-chloroethyl)amino]tetrahydro-1,3,2-oxazaphosphorin-2-
CAS Number	6055-19-2
Molecular Formula	C ₇ H ₁₅ Cl ₂ N ₂ O ₂ P•H ₂ O
Molecular Weight	279.1

Warnings	<i>Light sensitive! Air sensitive! Heat sensitive!</i>
Appearance	White crystalline powder
Clarity & Color	Clear solution and the color is less than Y6.
Solubility	Soluble in water, freely soluble in alcohol.
Melting Point	49-53 °C
Anion	Chloride (Cl ⁻) : ≤ 300 ppm Sulfate (SO ₄ ²⁻) : ≤ 100 ppm
Water Content (Karl Fisher)	6.0 - 7.0%
pH	4.0-5.0
Yeast and Mold	≤ 100 cfu/g
Infrared Spectrum	Conforms to standard
Residual Solvents	Isopropanol: ≤ 3000 ppm, Dichloromethane: ≤ 450 ppm Diisopropyl ether: ≤ 500 ppm, Ethyl acetate: ≤ 3000 ppm 1,2-Dichloroethane: ≤ 5 ppm
E. Coli	Should be absent
Microbial Count	≤ 1000 cfu/g (TAMC)
Pseudomonas Aeruginosa	Should be absent
Salmonella	Should be absent/10g
Staphylococcus Aureus	Should be absent
Related Substances	Propanolamine: 0.025% Triethylamine: 5000 ppm Compound A: ≤ 0.06%, Compound B: ≤ 0.06% Compound C: ≤ 0.06%, Compound D: ≤ 0.06% Unspecified impurity: ≤ 0.06%, Total impurity: ≤ 0.06%

Product Specifications

Catalog Number: 37708

Assay	98-102% (HPLC)
Storage	Store at 2 - 8 °C

For Laboratory Use Only