

Certificate of Analysis

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Product Name : Cyclophosphamide hydrate

Cat. No. : PC-45242 CAS No. : 6055-19-2 Batch No. : PC-4524201

Chemical Name : 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{ll} \textbf{Molecular Weight} & : & 279.1012 \\ \begin{tabular}{ll} \textbf{Molecular Formula} & : & C_7H_{17}CI_2N_2O_3P \\ \end{tabular}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

ANALYTICAL DATA

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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