

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-210136 Lot Number: SAMPLE

Product Name: 4-Oxo Cyclophosphamide

 $\begin{array}{lll} \text{CAS Number:} & 27046\text{-}19\text{-}1 \\ \text{Molecular Formula:} & \text{C_7H}_{13}\text{$Cl}_2\text{$N_2$O}_3\text{P} \\ \text{Molecular Weight:} & 275.07 \\ \text{Native Source:} & \text{Synthetic} \\ \end{array}$

Test	Specification	Result	
Appearance		Yellow solid	
31P-NMR	Consistent with structure	Complies	
Identification (1H-NMR)	Consistent with structure	Complies	
Identification (Mass Spectrometry)	Consistent with structure	Complies	
Purity (TLC)		95%	
Atmosphere		Inert gas	
Melting Point		146 - 148 °C	
Solubility		DMSO, Methanol	

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