

Code No.04-3112

SPECIFICATION

Doxycycline Hydrochloride n-Hydrate

for Cellbiology

REQUIREMENT	SPECIFICATION
Appearance	Pale yellow ~ brown, crystals ~ powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=0.5, 0.01\text{ mol/l HCl-CH}_3\text{OH})$ (calculated on the anhydrous basis and corrected by the amount of ethanol)	under investigation
Water	max.5.0%
Ethanol	max.7.0%
Assay (HPLC)	under investigation