

SPECIFICATION

Minocycline Hydrochloride

for Pharmacology Research

REQUIREMENT	SPECIFICATION
Appearance	Pale yellow ~ brownish yellow, crystals ~ powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=0.5, H_2O)$ (calculated on the dehydrous basis)	-230~-260°
Water	4.3~10.0%
Potency (calculated on the dehydrous basis)	890~950 $\mu g/mg$