

SPECIFICATION

Colistin Sulfate

for Pharmacology Research

REQUIREMENT	SPECIFICATION
Appearance	White ~ pale brown, powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=5, H_2O)$ (calculated on the dried basis)	-63~-73°
Loss on drying at 60°C in vacuum	max.3.5%
pH of a 10g/L solution at 25°C	4.0~6.0
Potency (calculated on the dried basis)	min.19000IU/mg
Assay (HPLC)	min.77.0%