

SPECIFICATION

Chloramphenicol
for Molecular Biology

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly yellow, crystals ~ crystalline powder
Solubility in ethanol	to pass test
Melting point	149~153°C
Specific rotation [α] _{D20} (c=5,C ₂ H ₅ OH)	+18.5~+21.5°
Specific absorbance E _{1%1cm} (278nm)	289~307
Loss on drying at 105°C	max.0.5%
pH of a saturated solution at 25°C	4.5~7.5
Deoxyribonuclease	to pass test
Ribonuclease	to pass test