

## 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 [ $\alpha$ ] <sub>D20</sub> (c=5,C <sub>2</sub> H <sub>5</sub> OH)	+18.5~+21.5°
Specific absorbance E <sub>1%1cm</sub> (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