

Code No.03-1057

## SPECIFICATION

Chloramphenicol  
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly yellow, crystals ~ crystalline powder
Solubility in ethanol	to pass test
Melting point	149~153°C
Specific rotation $[\alpha]_{D20}(c=5, C_2H_5OH)$	+18.5~+21.5°
Specific absorbance E1%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