

Code No.14-0887

## SPECIFICATION

## Neomycin Sulfate

for Cellbiology

REQUIREMENT	SPECIFICATION
Appearance	White ~ pale yellow, crystalline powder ~
Solubility in water	powder to pass test
Specific rotation [ $\alpha$ ]D20(c=2.5,H2O) (calculated on the dried basis)	+53~+59°
Loss on drying at 60°C over phosphorus(V) oxide in vacuum	max.8.0%
pH of a 10g/L solution at 25°C	5.0~7.5
Potency (calculated on the dried basis)	min.680IU/mg