

Code No.19-0851

# SPECIFICATION

## Streptomycin Sulfate

for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly yellow, powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=1, H_2O)$ (calculated on the dried basis)	-79~-88°
Loss on drying at 105°C	max.5.0%
pH of a 100g/l solution at 25°C	4.5~7.0
Sulfate (SO <sub>4</sub> ) (calculated on the dried basis)	18.8~20.8%
Potency (calculated on the dried basis)	min.718 $\mu$ g/mg