

SPECIFICATION

Gentamicin Sulfate

for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly brown, powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=1, H_2O)$ (calculated on the dried basis)	+107~+122°
Loss on drying at 110°C in vacuum	max.18.0%
pH of a 40g/L solution at 25°C	under investigation
Potency (as gentamicin C1) (calculated on the dried basis)	min.590 μ g/mg
Assay (HPLC)	under investigation