

Code No.07-0645

SPECIFICATION

Gentamicin Sulfate
for Cell Culture

REQUIREMENT	SPECIFICATION
Appearance	White ~ slightly brown, powder
Solubility in water	to pass test
Specific rotation [α] _{D20} (c=1,H ₂ O) (calculated on the dried basis)	+107~+121°
pH of a 40g/L solution at 25°C	3.5~5.5
Loss on drying at 110°C in vacuum	max.18.0%
Thin layer chromatography test	to pass test
Potency (calculated on the dried basis)	min.590 μg/mg

Source:Micromonospora purpurea