

SPECIFICATION

Kanamycin Monosulfate Standard
for High Performance Liquid Chromatography

REQUIREMENT	SPECIFICATION
Appearance	White, crystalline powder ~ powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=1, H_2O)$ (calculated on the dried basis)	+112~+123°
Loss on drying at 60°C in vacuum	under investigation
Sulfuric acid (SO ₄) (calculated on the dried basis)	15.0~17.0%
Assay (HPLC)	min.95.0%