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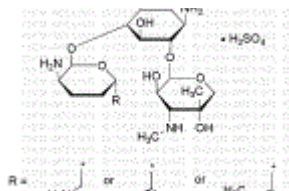
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00149
Product	Gentamicin sulfate
	Gentamycin sulfate
CAS Number	1405-41-0

Appearance	White or almost white or off-white powder
Solubility	Freely soluble in water insoluble in alcohol, acetone, chloroform, ether and benzene
pH	3.5 - 5.5
Optical Rotation	$[\alpha]^{20}_D = 107 - 121^\circ$
Infrared Spectrum	Conforms to structure
Loss on Drying	$\leq 18\%$ (110 °C, 3h)
Residual Solvents	Meet the requirements
Bacterial Endotoxins	≤ 0.71 U/mg
Residue On Ignition	$\leq 1\%$
Potency (Anhydrous Basis)	≥ 590 µg/mg
Grade	Meets USP Specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : To pass test Limit of methanol : $\leq 1\%$ Content of gentamicins : C1+C2b : 25 - 50% C1a : 10 - 35% C2+C2a : 25 - 55%

For Laboratory Use Only