

## **PRODUCT SPECIFICATION**

Product : **Gentamycin Sulphate Sterile**

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Characters	:	a white or almost white powder, freely soluble in water, practically insoluble in alcohol and in ether.
Identification	:	tests according to monograph
Appearance of solution	:	clear and not more intensely colored than degree 6 of the range of reference solutions of the most appropriate colour.
pH	:	3.5 to 5.5
Specific optical rotation	:	+107° to +121°
Methanol	:	NMT 1.0 %
Composition	:	C1 – 25.0 to 50.0 % C1A: 10.0 to 35.0 % C2A + C2: 25.0 to 55.0 %
Water	:	NMT 15.0 %
Sulphated ash	:	NMT 1.0 %
Sulphate	:	32.0 to 35.0 %
Sterility	:	complies with the test for sterility
Bacterial endotoxins	:	less than 1.67 IU/mg
Assay	:	not less than 590 IU/mg (anhydrous substance)
MSDS	:	available upon request