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Product Specifications

Catalogue Number	22176
Product	Netilmicin sulfate 1-N-Ethylsisomicin
CAS Number	56391-57-2
Molecular Formula	C ₂₁ H ₄₁ N ₅ O ₇ •2.5H ₂ SO ₄
Molecular Weight	720.77

Appearance	White or yellowish powder
Clarity & Color	Clear, ≤ 1
pH	3.5 - 5.5
Mould and Yeast	≤ 100 CFU/g
Optical Rotation	[α] _D ²⁰ = 88 - 96 °
Loss on Drying	≤ 15%
Bacterial Endotoxins	≤ 0.5% EU/mg
E. Coli	Negative
Microbial Count	≤ 1000 CFU/g (TAB)
Related Substances	Any individual impurity : ≤ 1% Total impurities : ≤ 5%
Residue On Ignition	≤ 1%
Potency (as is)	≥ 595 ug/mg (On dry basis)
Grade	Meets USP Specification
Storage	Store at 2 - 8 °C
Additional Information	Identification : Test for A : Passes test Test for B : Passes test for sulfate

For Laboratory Use Only