



Product Specification

Product Name: Spectinomycin Dihydrochloride Pentahydrate
Cat #: S-140
CAS #: 22189-32-8
Storage: Store desiccated at -20°C.

Test	Specifications
Appearance	White or off white powder
pH	3.8 - 5.6
Identification (IR)	Positive
Water	16.0 - 20.0%
Optical Rotation	+15 to +21°
Impurities	
- Single Impurity	≤1.0%
- Total Impurities	≤6.0%
Sulfated Ash	≤1.0%
Heavy Metals	≤20 ppm
Assay (anhydrous)	93.0 - 102.0%
Dihydrospectinomycin Dihydrochloride	≤9.0%

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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