

CERTIFICATE OF ANALYSIS

Product Description SPECTINOMYCIN DIHYDROCHLORIDE, PENTAHYDRATE
USP GRADE
TOGAMYCIN; TROBICIN

Product Number S742

Lot Number SYS0742011

Storage Temperature 2-8°C

Molecular Weight 495.35 g/mol

Formula C₁₄H₂₄N₂O₇•2HCl•5H₂O

CAS Number 22189-32-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10.0 mg/mL	Passes
pH	Under Development	4.6
Physical Appearance Color*	PM-1 to PM-4	PM-4 White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	1 min
Insolubles	None	Passes
Potency	Minimum 603 µg/mg	651 µg/mg

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was purified from bacterial fermentation of *Streptomyces spectabilis*. No animal- or plant derived components were used in the manufacture of this product.

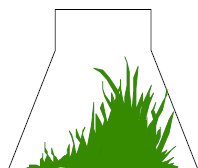
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Date of Release: 20 December 2017

Recommended Shelf Life Date: December 2023



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