

CERTIFICATE OF ANALYSIS

Product Description SPECTINOMYCIN DIHYDROCHLORIDE, PENTAHYDRATE
USP GRADE
TOGAMYCIN; TROBICIN

Product Number S742

Lot Number 12E0742007

Storage Temperature 2-6 °C

Molecular Weight 495.35

Formula $C_{14}H_{24}N_2O_7 \cdot 2HCl \cdot 5H_2O$

CAS Number 22189-32-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10.0 mg/mL	Passes
pH	Under Development	4.46
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder, may form clumps	RM-31 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 603 µg/mg	642 µg/mg
Potency	For Information Only	779 U/mg

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

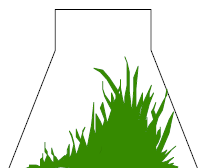
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

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Recommended Shelf Life Date: May 2017



Gary Seckinger, Ph.D.



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