

CERTIFICATE OF ANALYSIS

Product Description SPECTINOMYCIN DIHYDROCHLORIDE, PENTAHYDRATE
USP GRADE
TOGAMYCIN; TROBICIN

Product Number S742

Lot Number 08B74204

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 mg/mL	Passes
pH	Under Development	4.42
Physical Appearance Color*	RM-31 RM-1 to RM-3	RM-31 White
Texture	Fine to Clumping Powder	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 2 min	Passes
Precipitation Formation	None	Passes
Assay	$\geq 603 \mu\text{g}/\text{mg}$	802 $\mu\text{g}/\text{mg}$

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

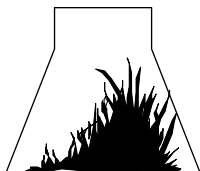
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Recommended Shelf Life Date: January 2010



Gary Seckinger, Ph.D.



PhytoTechnology
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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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