

# CERTIFICATE OF ANALYSIS

Product Description	SPECTINOMYCIN DIHYDROCHLORIDE, PENTAHYDRATE USP GRADE TOGAMYCIN; TROBICIN
Product Number	S742
Lot Number	11F0742006
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	4.70
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 2 min	Passes
Insolubles	None	Passes
Potency	Minimum 603 µg/mg	646 µg/mg

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

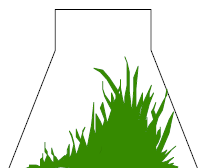
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® 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: June 2016



Gary Seckinger, Ph.D.



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