

CERTIFICATE OF ANALYSIS

Product Description	SPECTINOMYCIN DIHYDROCHLORIDE, PENTAHYDRATE USP GRADE TOGAMYCIN; TROBICIN
Product Number	S742
Lot Number	13F0742008
Storage Temperature	2-6 °C
Molecular Weight	495.35
Formula	C ₁₄ H ₂₄ N ₂ O ₇ •2HCl•5H ₂ O
CAS Number	22189-32-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10.0 mg/mL	Passes
pH	Under Development	5.1
Physical Appearance		RM-1 Off White
Color*	RM-1 to RM-3, or RM-31	
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	For Information Only	802 U/mg
Purity	Minimum 603 ug/mg	655 ug/mg

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

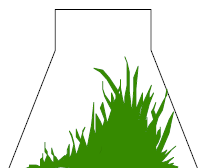
The material described in this certificate is of synthetic nature. No animal- or plant-derived components were used in the manufacture of this product.

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 2018



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>



Created on 12 June 2013 DS