

# CERTIFICATE OF ANALYSIS

Product Description NEOMYCIN SULFATE  
Product Number N584  
Lot Number 09G0584003  
Storage Temperature 2-6° C  
Molecular Weight 908.9  
Formula  $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$   
CAS Number 1405-10-3

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.80
Physical Appearance		
Color*	2143-70 to 2151-70	2146-70 Light Cream
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Potency	Minimum 600 IU/mg	695 IU/mg

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

The material described in this certificate is synthetic. 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: April 2013



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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