

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B, FREE BASE  
FROM *STREPTOMYCES HYGROSCOPICUS*  
Product Number        H397  
Lot Number              09M03970256  
Storage Temperature    2-6° C    Protect from Moisture & Sunlight  
Molecular Weight       527.5  
Formula                  C<sub>20</sub>H<sub>37</sub>N<sub>3</sub>O<sub>13</sub>  
CAS Number             31282-04-9

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Powder Appearance	White to Light Yellow Powder	White Powder
Potency	≥ 1200 Units (U)/mg	1220 U/mg
Purity (HPLC)	≥ 90.0%	92.20%

The material described in this certificate was produced by *Streptomyces hygroscopicus*. 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: December 2012



Gary Seckinger, Ph.D.



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