

CERTIFICATE OF ANALYSIS

Product Description HYGROMYCIN B, FREE BASE
FROM *STREPTOMYCES HYGROSCOPICUS*
Product Number H397
Lot Number 09L0397025
Storage Temperature 2-6° C Protect from Moisture & Sunlight
Molecular Weight 527.5
Formula C₂₀H₃₇N₃O₁₃
CAS Number 31282-04-9

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Powder Appearance	White to Light Yellow Powder	Light Yellow Powder
Potency	≥ 1000 µg/mg	1128 µg/mg
Purity (HPLC)	≥ 90.0%	92.10%

The material described in this certificate was manufactured in the United States of America and is 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: April 2012



Gary Seckinger, Ph.D.



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