

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B SOLUTION (PBS)  
FROM *STREPTOMYCES HYGROSCOPICUS*  
Product Number        H370  
Lot Number              15A0370063  
Storage Temperature    2-6 °C    Protect from 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
Physical Appearance		
Color	Under Development	2160-40 Tan
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Potency Assay	Minimum 980 U/mg	1210 U/mg (as is)
Purity (HPLC)	Minimum 90.0%	92.1%
Sterility by USP <71>	Sterile	Passes

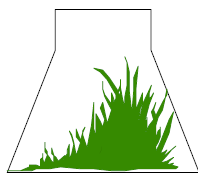
The material described in this certificate was manufactured in the United States of America and was produced by *Streptomyces hygrosopicus*. No animal- or plant-derived components were used in the manufacture of this product.

**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: January 2018



Gary Seckinger, Ph.D.



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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*)  
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