

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B SOLUTION (PBS)  
FROM *STREPTOMYCES HYGROSCOPICUS*  
Product Number          H370  
Lot Number                HMX0370074  
Storage Temperature      2-8°C Light Sensitive  
Molecular Weight         527.5 g/mol  
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	2018-60 Orange
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Potency Assay	Minimum 980 U/mg	1003 U/mg
Purity (HPLC)	Minimum 90.0%	90.20%
Sterility	Sterile	Passes

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

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release: 23-January-2023  
Recommended Shelf Life Date: January 2026



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David Hart  
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