

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B SOLUTION (PBS)  
FROM *STREPTOMYCES HYGROSCOPICUS*  
Product Number         H370  
Lot Number                AMK0370070  
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 | 2020-60 Pale Yellow |
| Texture             | Clear Liquid      | Clear Liquid        |
| Insolubles          | None              | Passes              |
| Potency Assay       | Minimum 980 U/mg  | 1021 U/mg           |
| Purity (HPLC)       | Minimum 90.0%     | 91.28%              |
| Sterility           | Sterile           | Passes              |

The material described in this certificate was manufactured in the United States of America and was produced by *Streptomyces hygroscopicus* 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: 19-December-2019  
Recommended Shelf Life Date: December-2024



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