

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B SOLUTION (DI WATER)  
FROM STREPTOMYCES HYGROSCOPICUS  
Product Number          H385  
Lot Number                AWK0385035  
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  
Concentration              100 mg/mL in DI Water

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Physical Appearance	Under Development Clear Liquid	Yellow Tint Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency Assay (As Powder)	Minimum 980 U/mg	1021 U/mg
Purity (HPLC)	Minimum 90.0%	91.30%
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 hygroscopicus*. 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: 10-June-2019  
Recommended Shelf Life Date: June 2022



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