

# CERTIFICATE OF ANALYSIS

Product Description      HYGROMYCIN B SOLUTION (DI WATER)  
FROM STREPTOMYCES HYGROSCOPICUS  
Product Number         H385  
Lot Number              AAR0385034  
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	2159-40 Yellow 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

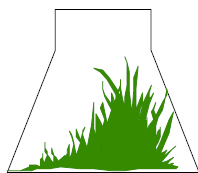
The material described in this certificate was manufactured in the United States of America and was produced by *Streptomyces hygroscopicus*. No animal- or plant-derived components were used in the manufacture of this product.

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Date of Release: 18-July-2018  
Recommended Shelf Life Date: July 2021



David S. Hart  
Technical Director



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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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