

CERTIFICATE OF ANALYSIS

Product Description HYGROMYCIN B SOLUTION (DI WATER)
FROM STREPTOMYCES HYGROSCOPICUS
Product Number H385
Lot Number 15B0385030
Storage Temperature 2-6 °C Protect from sunlight
Molecular Weight 527.5
Formula C₂₀H₃₇N₃O₁₃
CAS Number 31282-04-9
Concentration 100 mg/mL in DI Water
Fill Volume 10 mL, Sterile Filtered

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Physical Appearance	Under Development Clear Liquid	HC-7 Orange Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency Assay (As Powder)	Minimum 980 U/mg	1210 U/mg (as is)
Purity (HPLC)	Minimum 90.0%	92.1%
Sterility by USP <71>	Sterile	Passes

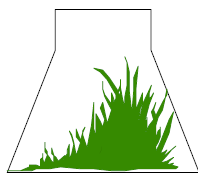
The material described in this certificate was manufactured in the United States of America and was produced by *Streptomyces hygroscopicus*. No animal- or plant-derived components were used in the manufacture of this product.

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Recommended Shelf Life Date: February 2018



Gary Seckinger, Ph.D.



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Created on 23 Mar 15 PN