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Product Specification

Product Name:

Hygromycin B from *Streptomyces hygroscopicus* – powder, BioReagent, suitable for cell culture, suitable for insect cell culture

Product Number:

H3274

CAS Number:

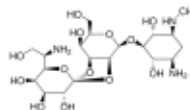
31282-04-9

Formula:

C₂₀H₃₇N₃O₁₃

Formula Weight:

527.5 AMU



TEST	Specification
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Appearance (Color)

White to Beige and Faint Brown to Brown

Appearance (Form)

Powder

Solubility (Color)

Faint Yellow to Dark Yellow and
Light Brown

Solubility (Turbidity)

Clear to Slightly Hazy

50 mg/ml, H₂O

Infrared Spectrum

Conforms to Structure

Water (by Karl Fischer)

≤ 10 %

Performance

Pass

Insect Cell Test

Pass

Purity (HPLC)

≥ 60 %

Recommended Retest Period

4 Years

Specification: PRE.0.ZQ5.10000020980

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.