

## Certificate of Analysis

Date of Testing: 2025-05-16 14:09:54  
Date of Next Testing: 2029-05-15 14:09:54  
Product Name: **Hygromycin B**  
CAS Number: 31282-04-9  
Specifications & Purity:  $\geq 60\%$ (HPLC), Powder  
Lot #: G2129076  
SKU #: **H113147**  
Version: **0**  
Analysis #: **510282**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Sulfate Ash	0-5 (%)	2.50 %
Activity	$\geq 1000$ (units/mg)	2001.00 units/mg
Purity(HPLC)	60-100 (%)	79.60000 %
Appearance (H113147)	White to Beige and Faint Brown to Brown Powder	White to Beige and Faint Brown to Brown Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Yellow to Brown,Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager