

Certificate of Analysis

Date of Testing: 2024-09-13 13:16:05

Date of Next Testing: 2027-09-13 13:16:05

Product Name: **Hygromycin B from Streptomyces hygroscopicus**

CAS Number: 31282-04-9

Specifications & Purity: powder, BioReagent, suitable for cell culture, suitable for insect cell culture

Lot #: I2410152

SKU #: **H432610**

Version: **1**

Analysis #: **229089**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	5.71 %
Purity(HPLC area)	60-100 (%)	99.44 %
Appearance(H432610)	White to Beige and Faint Brown to Brown Powder	White to Beige and Faint Brown to Brown Powder
Solubility(Color),Faint Yellow to Dark Yellow and Light Brown	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility(50 mg/ml,H ₂ O,Turbidity),Clear to Slightly Hazy	Pass	Pass
Insect Cell Test	Pass	Pass
Performance	Pass	Pass



John Su
QA & QC Manager