

## Certificate of Analysis

Date of Testing: 2023-07-19 18:40:40

Date of Next Testing: 2026-07-18 18:40:40

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 #: G2315538

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 <sub>2</sub> O,Turbidity),Clear to Slightly Hazy | Pass                                           | Pass                                           |
| Insect Cell Test                                                       | Pass                                           | Pass                                           |
| Performance                                                            | Pass                                           | Pass                                           |



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