

Certificate of Analysis

Product Name:	Hygromycin B
Product Number:	H50003
Lot Number:	C26PE563B
CAS:	31282-04-9
Formula:	C ₂₀ H ₃₇ N ₃ O ₁₃
Molecular Weight:	527.52
Storage at:	2-8℃
Quality Release Date:	2026-08-18
Recommended retested date:	2031-08-17

Test	Specification	Result
Appearance	White or off-white Powder	White or off-white Powder
Test(potency)	≥1000μg/mg	1396μg/mg
Specific rotation	+18.0° - +23.0°	+21.0°
Water	≤10.00%	5.60%
Purity(HPLC)	>90%	94.4%
¹ H-NMR	Conforms to Structure	Conforms

