

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-10 13:15:08

Date of Next Testing: 2026-08-09 13:15:08

Product Name: **Hygromycin B**

CAS Number: 31282-04-9

Specifications & Purity: $\geq 60\%$ (HPLC), Powder

Lot #: H2205210

SKU #: **H113147**Version: **0**Analysis #: **101622**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Sulfate Ash	0-5 (%)	3.10000 %
Activity	≥ 1000 (units/mg)	1012.00000 units/mg
Purity(HPLC)	60-100 (%)	99.83300 %
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 ₂ O , Yellow to Brown, Clear to Slightly Hazy, 50mg/ml	pass	Pass

John Su
QA & QC Manager