

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-25 16:35:26

Date of Next Testing: 2027-02-15 16:35:26

Product Name: **Rapamycin**

CAS Number: 53123-88-9

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: B2518504

SKU #: **S115842**

Version: **3**

Analysis #: **337739**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.02000 %
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-155--145 (°)	-154.38200 °
Nitrogen by Elemental Analysis	1.2-1.7 (%)	1.62000 %
Carbon by Elemental Analysis	66.5-67.5 (%)	67.17400 %
Appearance (S115842)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Pale Yellow to Yellow , Clear, 4.90 - 5.10 mg/ml	pass	Pass



John Su
QA & QC Manager