

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-07 13:46:15

Date of Next Testing: 2027-02-25 13:46:15

Product Name: **Rapamycin**

CAS Number: 53123-88-9

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

Lot #: C2505458

SKU #: **S115842**

Version: **3**

Analysis #: **475651**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	1.2-1.7 (%)	1.60000 %
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-155--145 (°)	-154.77400 °
Carbon by Elemental Analysis	66.5-67.5 (%)	67.46600 %
Purity(HPLC)	98-100 (%)	98.60700 %
Appearance (S115842)	White to Yellow Powder	White to Yellow Powder
Solubility in CHCL ₃ , Colorless to Pale Yellow to Yellow, Clear, 4.90-5.10 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager