

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-07 14:43:34

Date of Next Testing: 2027-02-25 14:43:34

Product Name: **Rapamycin**

CAS Number: 53123-88-9

Specifications & Purity: Moligand™, ≥95%(HPLC)

Lot #: C2505455

SKU #: **S293790**

Version: **1**

Analysis #: **482945**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.60700 %
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 %
Appearance (S293790)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to Pale Yellow to Yellow, Clear, 4.90-5.10 mg/ml	Pass	Pass



John Su
QA & QC Manager