

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-15 10:03:15
Date of Next Testing: 2027-12-05 10:03:15
Product Name: **Rapamycin**
CAS Number: 53123-88-9
Specifications & Purity: Moligand™, ≥95%(HPLC)
Lot #: L2509360
SKU #: **S293790**
Version: **1**
Analysis #: **626599**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Purity(HPLC) | 95-100 (%) | 98.94500 % |
| Nitrogen by Elemental Analysis | 1.2-1.7 (%) | 1.58 % |
| Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH) | -155--145 (°) | -154.74 ° |
| Carbon by Elemental Analysis | 66.5-67.5 (%) | 66.72 % |
| 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