

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-07 14:15:55
Date of Next Testing: 2027-02-25 14:15:55
Product Name: **Rapamycin**
CAS Number: 53123-88-9
Specifications & Purity: Moligand™, ≥95%(HPLC)
Lot #: C2505452
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 (%)	1.60%
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-155--145 (°)	-154.77°
Carbon by Elemental Analysis	66.5-67.5 (%)	67.47%
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