

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-02-28 10:24:51
Date of Next Testing:	2027-02-18 10:24:51
Product Name:	Rapamycin
CAS Number:	53123-88-9
Specifications & Purity:	Moligand™, ≥95%(HPLC)
Lot #:	B2527150
SKU #	S293790
Version	1
Analysis #:	476689
Storage Temperature:	Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.00300 %
Nitrogen by Elemental Analysis	1.2-1.7 (%)	1.62 %
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-155--145 (°)	-153.46 °
Carbon by Elemental Analysis	66.5-67.5 (%)	66.76 %
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