

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-21 15:01:28
Date of Next Testing:	2026-10-11 15:01:28
Product Name:	Rapamycin
CAS Number:	53123-88-9
Specifications & Purity:	Moligand™, ≥95%(HPLC)
Lot #:	A2307025
SKU #	S293790
Version	0
Analysis #:	424019
Storage Temperature:	Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.90000%
Nitrogen by Elemental Analysis	1.2-1.7 (%)	1.64%
Specific Rotation [α] ₂₀ /D(c=0.2 in MeOH)	-155--145 (°)	-154.50°
Carbon by Elemental Analysis	66.5-67.5 (%)	67.03%
Appearance (S293790)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Pale Yellow to Yellow , Clear, 4.90 - 5.10 mg/ml	pass	Pass



John Su
QA & QC Manager