

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-21 15:04:46
Date of Next Testing: 2026-10-11 15:04:46
Product Name: **Rapamycin**
CAS Number: 53123-88-9
Specifications & Purity: Moligand™, ≥95%(HPLC)
Lot #: A2307041
SKU #: **S293790**
Version: **0**
Analysis #: **424021**
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 (°)	-154.00°
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