

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-01-16 15:05:06
Date of Next Testing:	2028-01-15 15:05:06
Product Name:	Spiramycin
CAS Number:	8025-81-8
Specifications & Purity:	>90.0%(HPLC)
Lot #:	A2408800
SKU #	S112804
Analysis:	297969
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Spiramycin II(On Dry Basis)	0-5 (%)	0.36 %
Loss on drying	0-4 (%)	1.75 %
Heavy metals	0-20 (ppm)	0.00 ppm
Spiramycin I(On Dry Basis)	80-100 (%)	92.30 %
Purity(Nonaqueous Titration)(calcd.on dried substance)	95-100 (%)	97.86 %
Expressed in IU/mg (Dry Basis)	≥4100	4125.20
Spiramycin III(On Dry Basis)	≥10 (%)	11.42 %
Purity(HPLC area)(Total Composition)	90-100 (%)	91.08 %
Specific Rotation [α] ₂₀ /D(c=2 in AcOH(c=10) (after drying)	-85--77 (°)	-84.95 °
Ignition Residue(Ash)	0-0.1 (%)	0.00 %
Appearance (s112804)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Identity	pass	Pass
Related substances	Pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager