

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 13:44:42

Date of Next Testing: 2029-09-15 13:44:42

Product Name: **Spiramycin**

CAS Number: 8025-81-8

Specifications & Purity: $\geq 90\%$ (HPLC)

Lot #: L2104166

SKU #: **S112804**

Version: **0**

Analysis #: **571820**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Spiramycin II(On Dry Basis)	0-5 (%)	0.80000 %
Loss on drying	0-4 (%)	0.86300 %
Heavy metals	0-20 (ppm)	0.00000 ppm
Spiramycin I(On Dry Basis)	80-100 (%)	82.69000 %
Purity(Nonaqueous Titration)(calcd.on dried substance)	95-100 (%)	96.80000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in AcOH}(c=10))$ (after drying)	-85--77 (°)	-79.19000 °
Expressed in IU/mg (Dry Basis)	≥ 4100	4200.00000
Ignition Residue(Ash)	0-0.1 (%)	0.00000 %
Spiramycin III(On Dry Basis)	≥ 10 (%)	10.00100 %
Purity(HPLC area)(Total Composition)	90-100 (%)	90.05000 %
Appearance (S112804)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Identity	pass	Pass
Related substances	Pass	Pass



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager