

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Spiramycin**
Specifications & Purity: >90.0%(HPLC)
SKU #: **S112804**

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