

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-11 13:20:29
Date of Next Testing: 2028-03-10 13:20:29
Product Name: **Lincomycin hydrochloride**
CAS Number: 859-18-7
Specifications & Purity: 95%
Lot #: C2405109
SKU #: **L107359**
Analysis: **329243**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	151-157 (°C)	152.00000 °C
Specific Rotation [α] ₂₀ /D(c=1 H ₂ O)	134-139 (°)	138.00°
Purity(Nonaqueous Titration)(calcd.on dried substance)	95-100 (%)	99.10%
Water by Karl Fischer	3.7-4.5 (%)	4.08%
Appearance (I107359)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager