

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 12:26:35
 Date of Next Testing: 2029-10-12 12:26:35
 Product Name: **Lincomycin hydrochloride**
 CAS Number: 859-18-7
 Specifications & Purity: $\geq 95\%$
 Lot #: J2511516
 SKU #: **L107359**
 Version: **0**
 Analysis #: **589195**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	151-157 (°C)	152.00000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ H}_2\text{O})$	134-139 (°)	138.00000 °
Purity(Nonaqueous Titration)(calcd.on dried substance)	95-100 (%)	99.10000 %
Water by Karl Fischer	3.7-4.5 (%)	4.08200 %
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