

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-07 12:07:05
 Date of Next Testing: 2026-07-06 12:07:05
 Product Name: **lonomycin (free acid)**
 CAS Number: 56092-81-0
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: F2221261
 SKU #: **I139530**
 Version: **0**
 Analysis #: **109735**
 Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC,RP C18 column,isocratic,methanol: 0.1% TFA)	98-100 (%)	99.00000 %
Purity(TLC,NP, ethyl acetate: methanol 95:5)	98-100 (%)	99.25000 %
Purity(HPLC)	98-100 (%)	99.17000 %
Purity(TLC,RP C18 MeOH: H2O 9:1)	98-100 (%)	98.12000 %
Appearance (I139530)	waxy solid	waxy solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO/EtOH	Clear colorless solution at 10mg/ml	Clear colorless solution at 10mg/ml
Solubility in MeOH , Clear colorless solution at 5mg/ml	pass	Pass



John Su
QA & QC Manager