

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-30 12:04:00  
 Date of Next Testing: 2027-10-29 12:04:00  
 Product Name: **Iononmycin (free acid)**  
 CAS Number: 56092-81-0  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: J2323676  
 SKU #: **I139530**  
**Analysis: 284901**  
 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 (%)	99.84 %
Purity(TLC,NP, ethyl acetate: methanol 95:5)	98-100 (%)	99.52 %
Purity(HPLC)	98-100 (%)	99.84000 %
Purity(TLC,RP C18 MeOH: H2O 9:1)	98-100 (%)	99.00 %
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