

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-26 10:25:22

Date of Next Testing: 2028-10-25 10:25:22

Product Name: **Triacsin C from Streptomyces sp.**

CAS Number: 76896-80-5

Specifications & Purity: $\geq 94\%$

Lot #: J2421751

SKU #: **T139793**

Version: **4**

Analysis #: **416477**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	103-104 ($^{\circ}\text{C}$)	103.20000 $^{\circ}\text{C}$
Purity(TLC,EtOAC: PE 1:3)	94-100 (%)	95.00%
Appearance (T139793)	Off-white to yellow powder	off-white to yellow powder
Solubility in MeOH , Clear colorless to yellowish to yellow solution at 5mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in DMSO , Clear Colorless to yellowish to yellow,10 mg/ml	pass	Pass



John Su
QA & QC Manager