

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-01 10:04:53
 Date of Next Testing: 2027-08-31 10:04:53
 Product Name: **Triacsin C from Streptomyces sp.**
 CAS Number: 76896-80-5
 Specifications & Purity: 94%
 Lot #: H2329546
 SKU #: **T139793**
Analysis: 265428
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|--|----------------------------|----------------------------|
| Purity(TLC, EtOAc: PE 1:3) | 94-100 (%) | 95.00% |
| Purity (RP C18, Gradient of 0.1%TFA in H ₂ O→CH ₃ CN, CH ₃ CN program advance from 30% to 100% , 304nm) | 90-100 (%) | 90.01000% |
| Melting point | 103-104 (°C) | 103.21000 °C |
| Appearance (T139793) | Off-white to yellow powder | off-white to yellow powder |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |
| Solubility in DMSO , Clear Colorless to yellowish to yellow, 10 mg/ml | pass | Pass |
| Solubility in MeOH , Clear colorless to yellowish to yellow solution at 5mg/ml | pass | Pass |



John Su
QA & QC Manager