

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-02 14:59:43  
Date of Next Testing: 2025-02-01 14:59:43  
Product Name: **Trichostatin A**  
CAS Number: 58880-19-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2212408  
SKU #: **T129665**  
Version: **0**  
Analysis #: **099924**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.3 \text{ in MeOH})$	129-143 ( $^{\circ}$ )	129.42 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.00000 %
Nitrogen by Elemental Analysis (anhydrous)	8.5-9.8 (%)	8.61 %
Carbon by Elemental Analysis(anhydrous)	65-68 (%)	66.32 %
Optical purity(HPLC)(ee)	95-100 (%)	95.20 %
Appearance (T129665Form)	Powder to crystal	Powder to crystal
NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T129665Color)	Pale Yellow to Off-White to White to Orange-Green	Pale Yellow to Off-White to White to Orange-Green



John Su  
QA & QC Manager