

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-06-03 14:09:06
Date of Next Testing:	2025-06-02 14:09:06
Product Name:	<b>Trichostatin A</b>
CAS Number:	58880-19-6
Specifications & Purity:	≥98%
Lot #:	E2325550
SKU #	<b>T129665</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>216557</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.00000 %
Optical purity(HPLC)(ee)	95-100 (%)	95.10 %
Carbon by Elemental Analysis(anhydrous)	65-68 (%)	65.11 %
Specific Rotation [α] <sub>20</sub> /D(c=0.3 in MeOH)	129-143 (°)	129.10 °
Nitrogen by Elemental Analysis (anhydrous)	8.5-9.8 (%)	8.51 %
Appearance (T129665Color)	Pale Yellow to Off-White to White to Orange-Green	Pale Yellow to Off-White to White to Orange-Green
Appearance (T129665Form)	Powder to crystal	Powder to crystal
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager