

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-25 18:10:48
 Date of Next Testing: 2027-09-25 18:10:48
 Product Name: **Trichostatin A(TSA)**
 CAS Number: 58880-19-6
 Specifications & Purity: Moligand™, ≥95%
 Lot #: I2518477
 SKU #: **T1375509**
 Version: **1**
 Analysis #: **583161**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	8.6-9.5 (%)	8.62000 %
Optical purity(HPLC)(ee)	95-100 (%)	95.01000 %
Carbon by Elemental Analysis(anhydrous)	62.8-68.8 (%)	62.88000 %
Purity(HPLC area)	95-100 (%)	95.69000 %
Specific Rotation [α] ₂₀ /D(c=0.13 in EtOH)	89-103 (°)	89.20000 °
Appearance(T1375509)	Off-white to white to pale yellow to brown to orange-green powder to crystal	Off-white to white to pale yellow to brown to orange-green Powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager