

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|-----------------------|
| Date of Testing: | 2024-05-22 09:41:15 |
| Date of Next Testing: | 2026-05-22 09:41:15 |
| Product Name: | Trichostatin A |
| CAS Number: | 58880-19-6 |
| Specifications & Purity: | ≥98% |
| Lot #: | G2221294 |
| SKU # | T129665 |
| Version | 0 |
| Analysis #: | 360703 |
| Storage Temperature: | Store at -20°C |

| Parameter | Limit Values | Result |
|---|---|---|
| Optical purity(HPLC)(ee) | 95-100 (%) | 95.00% |
| Carbon by Elemental Analysis(anhydrous) | 65-68 (%) | 67.97% |
| Specific Rotation [α] ₂₀ /D(c=0.3 in MeOH) | 129-143 (°) | 142.56° |
| Nitrogen by Elemental Analysis (anhydrous) | 8.5-9.8 (%) | 8.83% |
| Purity(HPLC) | 98-100 (%) | 98.76200% |
| 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