

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-16 19:37:13  
Date of Next Testing: 2027-12-16 19:37:13  
Product Name: **Trichostatin A**  
CAS Number: 58880-19-6  
Specifications & Purity: Moligand™, ≥98%  
Lot #: L2515623  
SKU #: **T129665**  
Version: **2**  
Analysis #: **614935**  
Storage Temperature: Store at -20°C

| Parameter  | Limit Values  | Result  |
|--|---|---|
| Purity(HPLC)   | 98-100 (%)  | 98.40000 %  |
| Specific Rotation [α] <sub>25</sub> /D(C=0.05<br>in ethanol) | 90-105 (°)  | 94.00000 °  |
| Carbon by Elemental<br>Analysis(anhydrous)                   | 65-68 (%)   | 66.59 %   |
| Nitrogen by Elemental Analysis<br>(anhydrous)                | 8.5-9.8 (%)   | 9.14 %  |
| Appearance (T129665Color)                                    | Off-white to white to pale yellow to brown<br>to orange-green | Off-white to white to pale yellow to brown<br>to orange-green |
| Appearance (T129665Form)                                     | Powder to crystal   | Powder to crystal   |
| NMR spectrum   | Conforms to Structure   | Conforms to Structure   |



John Su  
QA & QC Manager