

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-28 10:11:15  
Date of Next Testing: 2027-06-28 10:11:15  
Product Name: **VU 0155069**  
CAS Number: 1781834-89-6  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: F2420227  
SKU #: **V286786**  
Version: **1**  
Analysis #: **325341**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Purity(HPLC area)                                     | 98-100 (%)            | 99.82%                |
| specific rotation $[\alpha]_{20/D}(C=1, \text{MeOH})$ | 78-84 ( $^{\circ}$ )  | 78.41000 $^{\circ}$   |
| LC-MS for identification                              | Conforms              | Conforms              |
| Proton NMR spectrum                                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager