



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-01 11:12:30  
Date of Next Testing: 2027-06-01 11:12:30  
Product Name: **Orphanin FQ(1-11) (TFA)**  
CAS Number: 178249-41-7(free)  
Specifications & Purity:  $\geq 98\%$   
Lot #: E2430395  
SKU #: **O286677**  
Version: **1**  
Analysis #: **321703**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                | Limit Values | Result     |
|--------------------------|--------------|------------|
| Purity(HPLC area)        | 98-100 (%)   | 99.37700 % |
| LC-MS for identification | Conforms     | Conforms   |

John Su  
QA & QC Manager