

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-20 11:40:09  
 Date of Next Testing: 2027-02-19 11:40:09  
 Product Name: **L-Fmoc-4-trifluoromethylphenylalanine**  
 CAS Number: 247113-86-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2429176  
 SKU #: **L486947**  
 Version: **1**  
 Analysis #: **313885**  
 Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values                | Result                      |
|---------------------------------------------------------|-----------------------------|-----------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | -39~-35 (°)                 | -35.66700°                  |
| Purity(HPLC area)                                       | 98-100 (%)                  | 99.77200%                   |
| Proton NMR spectrum                                     | Conforms to Structure       | Conforms to Structure       |
| Appearance(L486947)                                     | White to Faint Beige Powder | white to faint beige powder |



John Su  
QA & QC Manager