

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| Date of Testing:         | 2025-09-23 13:38:05                                               |
| Date of Next Testing:    | 2028-09-22 13:38:05                                               |
| Product Name:            | <b>Fmoc-(R)-3-amino-3-(3-trifluoromethylphenyl)propionic acid</b> |
| CAS Number:              | 517905-87-2                                                       |
| Specifications & Purity: | ≥98%                                                              |
| Lot #:                   | K22181054                                                         |
| SKU #                    | <b>F337560</b>                                                    |
| Version                  | <b>1</b>                                                          |
| Analysis #:              | <b>575511</b>                                                     |

| Parameter                                    | Limit Values          | Result                |
|----------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                 | 98-100 (%)            | 99.72000 %            |
| Specific rotation $[\alpha]_{20/D}(C=1,DMF)$ | 13-15 (°)             | 14.98600 °            |
| NMR Spectrum 1H                              | Conforms to Structure | Conforms to Structure |
| Fluorine NMR Spectrum                        | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager