

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-13 16:18:39

Date of Next Testing: 2027-09-12 16:18:39

Product Name: **Fmoc-Arg(Pbf)-OH**

CAS Number: 154445-77-9

Specifications & Purity:  $\geq 98\%$

Lot #: I2311128

SKU # **F110975**

Version **0**

**Analysis #:** **266265**

Storage Temperature: Store at -20°C

| Parameter                                               | Limit Values                          | Result                                |
|---------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                            | 98-100 (%)                            | 99.38600 %                            |
| Purity(Nonaqueous Titration)                            | 98-100 (%)                            | 99.56000 %                            |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | -6.5--4.5 (°)                         | -4.61000 °                            |
| Appearance (F110975)                                    | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum                                       | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum                                     | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager