

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-17 13:17:24

Date of Next Testing: 2024-11-16 13:17:24

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

CAS Number: 187618-60-6

Specifications & Purity:  $\geq 98\%$

Lot #: K2214717

SKU #: **N132303**

Version: **0**

Analysis #: **120061**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                               | Limit Values                       | Result                             |
|---------------------------------------------------------|------------------------------------|------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | 3-6.5 ( $^{\circ}$ )               | 5.44900 $^{\circ}$                 |
| Purity(HPLC)                                            | 98-100 (%)                         | 99.07700 %                         |
| Purity(Neutralization titration)                        | 98-100 (%)                         | 98.92000 %                         |
| Appearance (N132303)                                    | White to Off-White Powder or Solid | White to Off-White Powder or Solid |
| Proton NMR spectrum                                     | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager