

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 13:49:06

Date of Next Testing: 2029-09-17 13:49:06

Product Name: **Fmoc-Ser-OH**

CAS Number: 73724-45-5

Specifications & Purity:  $\geq 97\%$

Lot #: I2512487

SKU # **F103020**

Version **0**

**Analysis #:** **386963**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$  | -15--10 (°)           | -12.03800 °           |
| Purity(Neutralization titration)(calcd.on anh.substance) | 97-103 (%)            | 99.28000 %            |
| Purity(HPLC)                                             | 97-100 (%)            | 97.50000 %            |
| Water by Karl Fischer                                    | 0-6 (%)               | 0.86000 %             |
| Appearance (F103020)                                     | white powder          | White powder          |
| Proton NMR spectrum                                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager