

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-22 17:16:42

Date of Next Testing: 2026-02-21 17:16:42

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

CAS Number: 73724-45-5

Specifications & Purity: $\geq 97\%$

Lot #: B2219505

SKU #: **F103020**

Version: **0**

Analysis #: **067475**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-15--10 (°)	-10.77400 °
Purity(Neutralization titration)(calcd.on anh.substance)	97-103 (%)	98.62000 %
Purity(HPLC)	97-100 (%)	99.77400 %
Water by Karl Fischer	0-6 (%)	5.11040 %
Appearance (F103020)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager