

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-15 13:38:45

Date of Next Testing: 2029-12-14 13:38:45

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

CAS Number: 73724-45-5

Specifications & Purity: $\geq 97\%$

Lot #: B2219500

SKU #: **F103020**

Version: **0**

Analysis #: **619727**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-15--10 (°)	-10.77 °
Purity(Neutralization titration)(calcd.on anh.substance)	97-103 (%)	98.60 %
Purity(HPLC)	97-100 (%)	99.77000 %
Water by Karl Fischer	0-6 (%)	5.11 %
Appearance (F103020)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager