

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 13:46:47
Date of Next Testing: 2029-09-17 13:46:47
Product Name: **Fmoc-Ser-OH**
CAS Number: 73724-45-5
Specifications & Purity: $\geq 97\%$
Lot #: I2512488
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 (°)	-12.04°
Purity(Neutralization titration)(calcd.on anh.substance)	97-103 (%)	99.28%
Purity(HPLC)	97-100 (%)	97.50000 %
Water by Karl Fischer	0-6 (%)	0.86 %
Appearance (F103020)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager