

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-18 16:25:28
Date of Next Testing: 2028-01-17 16:25:28
Product Name: **Fmoc-Ser-OH**
CAS Number: 73724-45-5
Specifications & Purity: $\geq 97\%$
Lot #: A2408507
SKU #: **F103020**
Version: **0**
Analysis #: **308759**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	-15--10 (°)	-11.96300°
Purity(Neutralization titration)(calcd.on anh.substance)	97-103 (%)	101.86000 %
Purity(HPLC)	97-100 (%)	99.68400 %
Water by Karl Fischer	0-6 (%)	5.12580 %
Appearance (F103020)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager