

Certificate of Analysis

Date of Testing: 2024-11-15 09:56:59

Date of Next Testing: 2028-11-14 09:56:59

Product Name: **Fmoc-D-Cys(Trt)-OH**

CAS Number: 167015-11-4

Specifications & Purity: $\geq 98\%$

Lot #: K2408569

SKU #: **F116824**

Version: **1**

Analysis #: **426959**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.11200 %
Melting point	172-176 (°C)	175.82000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.19 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--15 (°)	-18.92 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager