

Certificate of Analysis

Date of Testing: 2022-09-16 15:22:58
Date of Next Testing: 2026-09-15 15:22:58
Product Name: **Fmoc-D-Cys(Trt)-OH**
CAS Number: 167015-11-4
Specifications & Purity: 98%
Lot #: K1816057
SKU #: **F116824**
Analysis: 135690
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.30 %
Purity(HPLC)	98-100 (%)	98.20100 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.01 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--15 (°)	-17.10°
Melting point	172-176 (°C)	174.00000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager