

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-16 17:59:44

Date of Next Testing: 2026-09-15 17:59:44

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

CAS Number: 167015-11-4

Specifications & Purity: $\geq 98\%$

Lot #: K1816058

SKU # **F116824**Version **1**Analysis #: **135831**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.30000 %
Purity(HPLC)	98-100 (%)	98.05600 %
Purity(Neutralization titration)	97.5-102.5 (%)	98.01200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--15 (°)	-17.20000 °
Melting point	172-176 (°C)	174.30000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager