

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-27 14:01:02

Date of Next Testing: 2028-05-26 14:01:02

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

CAS Number: 167015-11-4

Specifications & Purity: $\geq 98\%$

Lot #: E2416246

SKU #: **F116824**

Version: **1**

Analysis #: **352354**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.31400 %
Purity(HPLC)	98-100 (%)	99.19700 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.60000 %
Melting point	172-176 (°C)	174.88000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--15 (°)	-18.97000 °
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager