

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-27 14:07:20  
Date of Next Testing: 2028-05-26 14:07:20  
Product Name: **Fmoc-D-Cys(Trt)-OH**  
CAS Number: 167015-11-4  
Specifications & Purity: 98%  
Lot #: E2416247  
SKU #: **F116824**  
Version: **0**  
Analysis #: **352354**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	0.31 %
Purity(HPLC)	98-100 (%)	99.19700 %
Purity(Neutralization titration)	97.5-102.5 (%)	97.60 %
Melting point	172-176 (°C)	174.88000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-19--15 (°)	-18.97 °
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager