

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-25 14:50:50  
Date of Next Testing: 2028-04-24 14:50:50  
Product Name: **Fmoc-Pro-OH**  
CAS Number: 71989-31-6  
Specifications & Purity: 98%  
Lot #: D2423065  
SKU #: **F113134**  
**Analysis:** **141170**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-31 ~ -34 (°)	-32.80°
Purity(HPLC)	98-100 (%)	98.47900%
Purity(Neutralization titration)	98-100 (%)	99.20%
Melting point	114-119 (°C)	114.10000 °C
Appearance (F113134)	White to Almost white powder	White to almost white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager