

Certificate of Analysis

Date of Testing: 2025-09-09 16:45:48

Date of Next Testing: 2029-09-08 16:45:48

Product Name: **Fmoc-Pro-OH**

CAS Number: 71989-31-6

Specifications & Purity: $\geq 98\%$

Lot #: I2509131

SKU # **F113134**

Version **1**

Analysis #: **141170**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-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