

## Certificate of Analysis

Date of Testing: 2022-09-23 11:47:12  
Date of Next Testing: 2026-09-22 11:47:12  
Product Name: **Fmoc-Leu-OH**  
CAS Number: 35661-60-0  
Specifications & Purity: 98%  
Lot #: I2215179  
SKU #: **F100808**  
Version: **0**  
Analysis #: **101108**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.89%
Melting point	154-157 (°C)	156.34000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-27--23 (°)	-23.05°
Appearance (F100808)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager