

## Certificate of Analysis

Date of Testing: 2024-09-27 14:46:58  
Date of Next Testing: 2028-09-26 14:46:58  
Product Name: **Fmoc-Leu-OH**  
CAS Number: 35661-60-0  
Specifications & Purity: 98%  
Lot #: I2423655  
SKU #: **F100808**  
Version: **0**  
Analysis #: **018676**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-27--23 (°)	-24.09°
Purity(Neutralization titration)	97.5-102.5 (%)	99.56%
Melting point	154-157 (°C)	154.32000 °C
Appearance (F100808)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



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QA & QC Manager