

## Certificate of Analysis

Date of Testing: 2022-09-20 12:05:09  
Date of Next Testing: 2026-09-19 12:05:09  
Product Name: **Fmoc-Asp(OtBu)-OH**  
CAS Number: 71989-14-5  
Specifications & Purity: 98%  
Lot #: I2215182  
SKU #: **F116773**  
**Analysis: 101733**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	147-152 (°C)	151.56000 °C
Water by Karl Fischer	0-0.1 (%)	0.10 %
Loss on drying	0-0.1 (%)	0.05 %
Purity(HPLC)	98-100 (%)	99.22100 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-25--21 (°)	-24.86 °
Appearance (F116773)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager