

Certificate of Analysis

Date of Testing: 2025-04-26 16:49:46

Date of Next Testing: 2029-04-25 16:49:46

Product Name: **Fmoc-Ala-OH**

CAS Number: 35661-39-3

Specifications & Purity: $\geq 98\%$

Lot #: D2525056

SKU #: **F105469**

Version: **1**

Analysis #: **066554**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	5.2-5.7 (%)	5.50 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-20--16 (°)	-17.37°
Purity(HPLC)	98-100 (%)	99.53300 %
Appearance (F105469)	white to beige powder or crystals	white to beige powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager