

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-08 16:42:49
 Date of Next Testing: 2024-10-28 16:42:49
 Product Name: **Fmoc-Glu(OAll)-OH**
 CAS Number: 133464-46-7
 Specifications & Purity: $\geq 96\%$
 Lot #: K2205180
 SKU #: **G115936**
 Version: **0**
 Analysis #: **125600**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	-19--15 (°)	-16.60900 °
Purity(Neutralization titration)	95.5-104.5 (%)	102.52000 %
Melting point	125-129 (°C)	127.59000 °C
Purity(HPLC)	96-100 (%)	98.55700 %
Appearance (G115936)	Colorless to Off-White Solid, Powder or Crystals	Colorless to Off-White Solid, 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