

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-12 11:53:39
Date of Next Testing: 2027-04-11 11:53:39
Product Name: **Fmoc-Arg(Pbf)-OH**
CAS Number: 154445-77-9
Specifications & Purity: $\geq 98\%$
Lot #: F1921240
SKU #: **F110975**
Version: **0**
Analysis #: **209647**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ in DMF})$	-6.5--4.5 ($^{\circ}$)	-5.33200 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.41200 %
Purity(Nonaqueous Titration)	98-100 (%)	98.14000 %
Appearance (F110975)	White to Off-White Powder or Crystals	White to Off-White 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