

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-17 11:11:56

Date of Next Testing: 2024-11-16 11:11:56

Product Name: **Fmoc-D-Arg(Pbf)-OH**

CAS Number: 187618-60-6

Specifications & Purity: $\geq 98\%$

Lot #: K2214794

SKU #: **N132303**

Version: **0**

Analysis #: **120061**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	3-6.5 ($^{\circ}$)	5.44900 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.07700 %
Purity(Neutralization titration)	98-100 (%)	98.92000 %
Appearance (N132303)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager