

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 13:05:59
 Date of Next Testing: 2025-06-29 13:05:59
 Product Name: **Fmoc-D-Arg(Pbf)-OH**
 CAS Number: 187618-60-6
 Specifications & Purity: $\geq 98\%$
 Lot #: F23251424
 SKU #: **N132303**
 Version: **0**
 Analysis #: **224070**
 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 (°)	4.30900 °
Purity(HPLC)	98-100 (%)	98.17600 %
Purity(Neutralization titration)	98-100 (%)	99.52000 %
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