

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-10 09:13:58
 Date of Next Testing: 2026-08-09 09:13:58
 Product Name: **Fmoc-Arg(Tos)-OH**
 CAS Number: 83792-47-6
 Specifications & Purity: $\geq 98\%$
 Lot #: J1819078
 SKU #: **F116768**
 Version: **1**
 Analysis #: **123223**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.36000 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.26000 %
Melting point	92-96 (°C)	94.48000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-7--5 (°)	-5.35000 °
Appearance (F116768)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
 QA & QC Manager