

Certificate of Analysis

Date of Testing: 2024-03-19 16:23:40

Date of Next Testing: 2026-03-19 16:23:40

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

CAS Number: 187618-60-6

Specifications & Purity: $\geq 98\%$

Lot #: F2214258

SKU #: **N132303**

Analysis: **333105**

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 (°)	5.20°
Purity(HPLC)	98-100 (%)	98.60000 %
Purity(Neutralization titration)	98-100 (%)	99.00 %
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