

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 14:26:25

Date of Next Testing: 2027-08-13 14:26:25

Product Name: **Fmoc-Arg(Mtr)-OH**

CAS Number: 98930-01-9

Specifications & Purity: $\geq 98\%$

Lot #: H2308552

SKU #: **F116766**

Version: **1**

Analysis #: **163956**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.8-9.4 (%)	8.97 %
Purity(HPLC)	98-100 (%)	99.44400 %
Carbon by Elemental Analysis	59.7-61.3 (%)	60.12 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-5.5~-2.5 (°)	-4.40 °
Oxygen by Elemental Analysis	17.8-18.6 (%)	17.90 %
Appearance (F116766)	white powder or crystalline powder	White Powder or Crystalline Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager