

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 15:07:38
 Date of Next Testing: 2027-03-06 15:07:38
 Product Name: **Fmoc-3-(2-naphthyl)-alanine**
 CAS Number: 112883-43-9
 Specifications & Purity: $\geq 98\%$
 Lot #: G1516035
 SKU #: **F117033**
 Version: **0**
 Analysis #: **195025**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } -17--13 \text{ } ^\circ)$ DMF)		-16.50000 °
Purity(HPLC)	98-100 (%)	98.10000 %
Water by Karl Fischer	0-2 (%)	1.91000 %
Appearance (F117033)	White to Off-White /Light yellow Powder or Lumps	White to Off-White /Light yellow Powder or Lumps
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager