

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-02 10:20:16

Date of Next Testing: 2028-01-01 10:20:16

Product Name: **Fmoc-L-aspartic acid β -benzyl ester**

CAS Number: 86060-84-6

Specifications & Purity: $\geq 99\%$

Lot #: L2326045

SKU # **F111051**

Version **1**

Analysis #: **310190**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.11200 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	-22--18 (°)	-20.20000 °
Melting point	120-130 (°C)	125.10000 °C
Water by Karl Fischer	0-1 (%)	0.50000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(F111051)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager