

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-19 11:23:19
 Date of Next Testing: 2026-02-18 11:23:19
 Product Name: **Fmoc-L-aspartic acid β -benzyl ester**
 CAS Number: 86060-84-6
 Specifications & Purity: $\geq 99\%$
 Lot #: B2215096
 SKU #: **F111051**
 Version: **1**
 Analysis #: **063783**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ -22--18 (°)		-18.37500 °
Melting point	120-130 (°C)	124.32000 °C
Water by Karl Fischer	0-1 (%)	0.02680 %
Purity(HPLC)	99-100 (%)	99.22300 %
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