

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-14 09:44:04

Date of Next Testing: 2025-09-13 09:44:04

Product Name: **Fmoc-D-Asp(OtBu)-OH**

CAS Number: 112883-39-3

Specifications & Purity: $\geq 98\%$

Lot #: K2117012

SKU #: **F138036**

Version: **0**

Analysis #: **275827**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	22-27 ($^{\circ}$)	23.60000 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.00000 %
Melting point	147-151 ($^{\circ}\text{C}$)	148.90000 $^{\circ}\text{C}$
Appearance (F138036)	white to beige powder or crystals	white to beige powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager