

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-16 10:41:44

Date of Next Testing: 2029-09-15 10:41:44

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

CAS Number: 71989-14-5

Specifications & Purity: $\geq 98\%$

Lot #: L2102579

SKU #: **F116773**

Version: **1**

Analysis #: **572609**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	147-152 (°C)	151.61800 °C
Water by Karl Fischer	0-0.1 (%)	0.05180 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-25--21 (°)	-24.97800 °
Loss on drying	0-0.1 (%)	0.02960 %
Purity(HPLC)	98-100 (%)	99.72100 %
Appearance (F116773)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager