

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-12 11:58:12

Date of Next Testing: 2028-01-11 11:58:12

Product Name: **Fmoc-Asn-OH**

CAS Number: 71989-16-7

Specifications & Purity: $\geq 98\%$

Lot #: A2408833

SKU #: **F113136**

Version: **1**

Analysis #: **298616**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-14--11 (°)	-12.05800 °
Melting point	175-195 (°C)	185.86000 °C
Purity(Neutralization titration)	98-102 (%)	100.86000 %
Purity(HPLC)	98-100 (%)	98.17800 %
Appearance (F113136)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager