

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-08 14:27:45

Date of Next Testing: 2027-12-07 14:27:45

Product Name: **Fmoc-Asn(Trt)-OH**

CAS Number: 132388-59-1

Specifications & Purity: $\geq 97\%$

Lot #: L2301226

SKU #: **F110976**

Version: **0**

Analysis #: **295991**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.63600 %
Purity(Neutralization titration)	96.5-103.5 (%)	101.57000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21--17 (°)	-17.24300 °
Appearance (F110976)	White to off-white free flowing powder	White to off-white free flowing powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , almost transparency	pass	Pass



John Su
QA & QC Manager