

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-03 15:52:28

Date of Next Testing: 2027-07-02 15:52:28

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

CAS Number: 132388-59-1

Specifications & Purity: $\geq 97\%$

Lot #: F2320031

SKU #: **F110976**

Version: **0**

Analysis #: **023440**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.10200 %
Purity(Neutralization titration)	96.5-103.5 (%)	98.99 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21--17 (°)	-18.23 °
Appearance (F110976)	White to off-white free flowing powder	White to off-white free flowing powder
Solubility in DMF , almost transparency	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager