

Certificate of Analysis

Date of Testing: 2023-04-12 16:33:13

Date of Next Testing: 2027-04-11 16:33:13

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

CAS Number: 132388-59-1

Specifications & Purity: 97%

Lot #: H1517048

SKU #: **F110976**

Analysis: **210088**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.38000 %
Purity(Neutralization titration)	96.5-103.5 (%)	97.38 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-21--17 (°)	-17.20 °
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