

Certificate of Analysis

Date of Testing: 2023-05-11 15:08:35

Date of Next Testing: 2027-05-10 15:08:35

Product Name: **Fmoc-D-Gln(Trt)-OH**

CAS Number: 200623-62-7

Specifications & Purity: $\geq 98\%$

Lot #: E23061231

SKU #: **F116827**

Version: **0**

Analysis #: **222474**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$	10.4-16.4 (°)	13.32°
Carbon by Elemental Analysis	74-79.4 (%)	75.99%
Purity(HPLC)	98-100 (%)	99.42000%
Nitrogen by Elemental Analysis	4.4-4.8 (%)	4.64%
Appearance (F116827)	White to Yellow to Brown Powder, Crystals or Solid	White to Yellow to Brown Powder, Crystals or Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager