

Certificate of Analysis

Date of Testing: 2024-12-26 11:32:22

Date of Next Testing: 2028-12-25 11:32:22

Product Name: **Fmoc-Val-OH**

CAS Number: 68858-20-8

Specifications & Purity: $\geq 98\%$

Lot #: L2423204

SKU # **F100805**

Version **0**

Analysis #: **386967**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-19--16 (°)	-17.09 °
Melting point	144-147 (°C)	146.20000 °C
Purity(HPLC)	98-100 (%)	99.83000 %
Appearance (F100805)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Very faint turbidity	pass	Pass



John Su
QA & QC Manager