

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-26 11:37:30  
Date of Next Testing: 2027-06-25 11:37:30  
Product Name: **Fmoc-Val-OH**  
CAS Number: 68858-20-8  
Specifications & Purity: 98%  
Lot #: F2316283  
SKU #: **F100805**  
**Analysis:** **169773**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	144-147 (°C)	145.92000 °C
Purity(HPLC)	98-100 (%)	99.79800 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF)	-19--16 (°)	-16.59 °
Appearance (F100805)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in MeOH , Very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager