

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-26 16:06:10

Date of Next Testing: 2028-11-25 16:06:10

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

CAS Number: 68858-20-8

Specifications & Purity:  $\geq 98\%$ 

Lot #: K2426164

SKU #: **F100805**

Version: **0**

Analysis #: **428842**

Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values                          | Result                                |
|---------------------------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                                           | 144-147 (°C)                          | 146.22000 °C                          |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in DMF})}$ | -19--16 (°)                           | -16.29800 °                           |
| Purity(HPLC)                                            | 98-100 (%)                            | 99.93400 %                            |
| 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