

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-27 08:54:05

Date of Next Testing: 2030-05-26 08:54:05

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

CAS Number: 84624-17-9

Specifications & Purity:  $\geq 98\%$ 

Lot #: E2625657

SKU #: **F116805**

Version: **1**

Analysis #: **666425**

Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                            | 98-100 (%)            | 99.64400 %            |
| Melting point                                           | 144-148 (°C)          | 145.50000 °C          |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$ | 15-19 (°)             | 18.59000 °            |
| Appearance (F116805)                                    | White powder          | White powder          |
| Proton NMR spectrum                                     | Conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager