

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 11:48:19

Date of Next Testing: 2029-05-18 11:48:19

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

CAS Number: 86123-11-7

Specifications & Purity:  $\geq 98\%$

Lot #: L2122195

SKU #: **F109168**

Version: **1**

Analysis #: **515193**

Storage Temperature: Store at 2-8°C

| Parameter                                       | Limit Values                 | Result                       |
|-------------------------------------------------|------------------------------|------------------------------|
| Melting point                                   | 182-186 (°C)                 | 182.05800 °C                 |
| Purity(HPLC)                                    | 98-100 (%)                   | 98.77000 %                   |
| Specific Rotation [α] <sub>20/D</sub> (c=1 DMF) | 26-31 (°)                    | 27.35500°                    |
| Appearance (F109168)                            | white to light yellow powder | white to light yellow powder |
| Proton NMR spectrum                             | Conforms to Structure        | Conforms to Structure        |



John Su  
QA & QC Manager