

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-19 11:55:09

Date of Next Testing: 2029-06-18 11:55:09

Product Name: **Fmoc-D-Lys(Boc)-OH**

CAS Number: 92122-45-7

Specifications & Purity:  $\geq 99\%$ 

Lot #: F2516100

SKU #: **F100414**

Version: **2**

Analysis #: **290094**

Storage Temperature: Store at 2-8°C

| Parameter                                          | Limit Values                                                                                          | Result                                                                                                |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Purity(HPLC)                                       | 99-100 (%)                                                                                            | 99.81100 %                                                                                            |
| Carbon by Elemental Analysis                       | 65-68.3 (%)                                                                                           | 66.31200 %                                                                                            |
| Melting point                                      | 128-139 (°C)                                                                                          | 130.02000 °C                                                                                          |
| Elemental analysis(Nitrogen)                       | 5.8-6.1 (%)                                                                                           | 6.04900 %                                                                                             |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in DMF) | 9.5-14.5 (°)                                                                                          | 11.69100 °                                                                                            |
| Appearance(F100414)                                | White to Faint Yellow and Faint Beige Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s) | White to Faint Yellow and Faint Beige Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s) |
| Proton NMR spectrum                                | Conforms to Structure                                                                                 | Conforms to Structure                                                                                 |



John Su  
QA & QC Manager