

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-04-25 09:14:53

Date of Next Testing: 2026-04-24 09:14:53

Product Name: **Fmoc-Cys(Trt)-OH**

CAS Number: 103213-32-7

Specifications & Purity:  $\geq 98\%$

Lot #: D2222027

SKU #: **F100409**

Version: **0**

Analysis #: **081046**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                               | Limit Values                            | Result                                  |
|---------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in THF})$ | 15-19 (°)                               | 18.20400°                               |
| Purity(HPLC)                                            | 98-100 (%)                              | 99.49900 %                              |
| Melting point                                           | 173-177 (°C)                            | 176.22000 °C                            |
| Appearance (F100409)                                    | White to Light Beige Powder or Crystals | White to Light Beige Powder or Crystals |
| Proton NMR spectrum                                     | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager