

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-13 10:12:48  
 Date of Next Testing: 2028-11-12 10:12:48  
 Product Name: **Fmoc-S-4-methyltrityl-L-cysteine**  
 CAS Number: 269067-38-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2301642  
 SKU #: **F350456**  
 Version: **1**  
 Analysis #: **603828**  
 Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                            | 98-100 (%)            | 98.56800 %            |
| Melting point                                           | 104-110 (°C)          | 106.25800 °C          |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in DMF})$ | 17-19 (°)             | 17.63300 °            |
| Proton NMR spectrum                                     | Conforms to Structure | Conforms to Structure |
| LC-MS for identification                                | Conforms              | Conforms              |



John Su  
QA & QC Manager