

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 09:40:35  
Date of Next Testing: 2029-10-09 09:40:35  
Product Name: **Fmoc-S-(4-Methoxytrityl)-L-cysteine**  
CAS Number: 177582-21-7  
Specifications & Purity:  $\geq 98\%$ (HPLC), ~ca.11% dioxane  
Lot #: J2509488  
SKU #: **F167976**  
Version: **1**  
Analysis #: **574811**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.33300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	16-20 (°)	17.02°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Dioxane(about 11%)	Pass	Pass



John Su  
QA & QC Manager