

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-30 10:18:10
 Date of Next Testing: 2029-09-29 10:18:10
 Product Name: **Fmoc-S-(4-Methoxytrityl)-L-cysteine**
 CAS Number: 177582-21-7
 Specifications & Purity: $\geq 98\%$ (HPLC), ~ca.11% dioxane
 Lot #: I2529273
 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 (°)	17.01900 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Dioxane(about 11%)	Pass	Pass



John Su
QA & QC Manager