

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-20 18:27:18  
 Date of Next Testing: 2030-05-19 18:27:18  
 Product Name: **Fluorescein5(6)-isothiocyanate (FITC)**  
 CAS Number: 27072-45-3  
 Specifications & Purity: ≥95%, mixture of 5- and 6- isomers  
 Lot #: E2619447  
 SKU #: **F106837**  
 Version: **0**  
 Analysis #: **685813**  
 Storage Temperature: Protected from light, Store at -20°C

| Parameter                                                                            | Limit Values                                                          | Result                                                                |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| assay(mixture of 5- and 6- isomers) (HPLC)                                           | 95-100 (%)                                                            | 100.00000 %                                                           |
| Appearance (F106837)                                                                 | Light yellow to yellow to orange to brown powder to crystal or chunks | Light yellow to yellow to orange to brown powder to crystal or chunks |
| Fluorescence, $\lambda_{ex}$ 492 nm; $\lambda_{em}$ 518 nm in 0.1 M phosphate pH 8.0 | Conforms                                                              | Conforms                                                              |
| Proton NMR spectrum                                                                  | Conforms to Structure                                                 | Conforms to Structure                                                 |



John Su  
QA & QC Manager