

Certificate of Analysis

Date of Testing: 2025-07-04 14:25:38

Date of Next Testing: 2029-07-03 14:25:38

Product Name: **Fluorescein5(6)-isothiocyanate (FITC)**

CAS Number: 27072-45-3

Specifications & Purity: $\geq 90\%$, mixture of 5- and 6- isomers

Lot #: F2528069

SKU #: **F299199**

Version: **0**

Analysis #: **049526**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
assay(mixture of 5- and 6- isomers)(HPLC)	90-100 (%)	94.58 %
Appearance (F299199)	Yellow to Orange Powder	Yellow to Orange Powder
Fluorescence, λ_{ex} 492 nm; λ_{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