

Certificate of Analysis

Date of Testing: 2024-03-05 10:53:43

Date of Next Testing: 2028-03-04 10:53:43

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

CAS Number: 27072-45-3

Specifications & Purity: 95%,mixture of 5- and 6- isomers

Lot #: B2422314

SKU # **F106837**

Analysis: **311100**

Storage Temperature: Protected from light,Store at -20°C

Parameter	Limit Values	Result
assay(mixture of 5- and 6- isomers)(HPLC)	95-100 (%)	96.85 %
Appearance (F106837)	Light yellow to Brown powder to crystal or chunks	Light yellow to Brown powder to crystal or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Fluorescence, λ_{ex} 492 nm; λ_{em} 518 nm in 0.1 M phosphate pH 8.0	Conforms	Conforms



John Su
QA & QC Manager