

Certificate of Analysis

Date of Testing: 2024-03-05 11:28:15
Date of Next Testing: 2028-03-04 11:28:15
Product Name: **Fluorescein5(6)-isothiocyanate**
CAS Number: 27072-45-3
Specifications & Purity: 95%,mixture of 5- and 6- isomers
Lot #: B2422329
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