

## Certificate of Analysis

Date of Testing: 2024-12-12 13:52:50

Date of Next Testing: 2028-12-11 13:52:50

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

CAS Number: 27072-45-3

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

Lot #: L2406503

SKU # **F106837**

Version **0**

**Analysis #:** **434097**

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

| Parameter                                                     | Limit Values                                      | Result                                            |
|---------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| assay(mixture of 5- and 6- isomers)(HPLC)                     | 95-100 (%)                                        | 97.30 %                                           |
| 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,λex 492 nm; λem 518 nm in 0.1 M phosphate pH 8.0 | Conforms                                          | Conforms                                          |



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