



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202883  
Lot Number: SAMPLE  
Product Name: 2',7'-bis(2-Carboxyethyl)-5(6)-carboxyfluorescein  
CAS Number: 85138-49-4  
Molecular Formula:  $C_{27}H_{20}O_{11}$   
Molecular Weight: 520.44

| Test                   | Specification                                 | Result                               |
|------------------------|-----------------------------------------------|--------------------------------------|
| Appearance             |                                               | Orange solid                         |
| Identification (NMR)   | Consistent with structure                     | Complies                             |
| Purity (HPLC)          | $\geq 90\%$                                   | 95%                                  |
| Purity (TLC)           | $\geq 90\%$                                   | 95%                                  |
| Absorption Excitation  | $503 \pm 3 \text{ nm}$                        | 503 nm                               |
| Extinction Coefficient | $84000 \pm 6000 \text{ cm}^{-1}\text{M}^{-1}$ | $88000 \text{ cm}^{-1}\text{M}^{-1}$ |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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