

# Certificate of Analysis

|   |   |                        |                                |
|---|---|------------------------|--------------------------------|
| Product Name  | Fluorescein-5-maleimide                         |                        |                                |
| Cat.No.   | F5004S  | Storage Conditions     | Store at -20°C away from light |
| Lot.No.   | CF0911-1  | Expiration Date        | 10-09-2024                     |
| Molecular Formula   | C <sub>24</sub> H <sub>13</sub> NO <sub>7</sub> | Molecular Weight       | 427                            |
| CAS Number  | 75350-46-8                                      | Excitation<br>Emission | 492/515nm                      |
| Quality Control   |   |                        |                                |
| Items   | Specification                                   | Result                 |                                |
| Packaging appearance  | Intact and undamaged                            | Pass                   |                                |
| Appearance  | Yellow solid                                    | Pass                   |                                |
| Weight/volume   | 5mg-5.3mg                                       | Pass                   |                                |
| molar extinction<br>coefficient   | 80000±8000                                      | Pass                   |                                |
| Purity  | HPLC: ≥90% at 254 nm<br>≥90% at 492 nm          | Pass                   |                                |
| Appendix  |   |                        |                                |
| This Product has been tested and the components have been found to conform to UE quality standards. |   |                        |                                |
| Conclusion  | Up to standard                                  | Report Date            | 27-01-2022                     |
| QC  | long zhang<br>27-01-2022                        | QA                     | Bis hua.Yu<br>27-01-2022       |

