

# Certificate of Analysis

|   |                      |                        |                                  |
|---|----------------------|------------------------|----------------------------------|
| Product Name  | YF®488(6)-2 SE       |                        |                                  |
| Cat.No.   | YS0019               | Storage Conditions     | Keep away from light<br>at -20°C |
| Lot.No.   | 240229J01-04         | Expiration Date        | 27-02-2026                       |
| Molecular Formula   | N/A                  | Molecular Weight       | 1081.2                           |
| CAS Number  | N/A                  | Excitation<br>Emission | 491/512nm                        |
| Quality Control   |                      |                        |                                  |
| Items   | Specification        | Result                 |                                  |
| Packaging appearance  | Intact and undamaged | Intact and undamaged   |                                  |
| Appearance  | Orange solid         | Orange solid           |                                  |
| Weight/volume   | 1-1.1mg              | 1mg                    |                                  |
| molar extinction<br>coefficient   | 76000±7600           | 76350                  |                                  |
| Purity  | HPLC: ≥50%at254nm    | 75.8%at254nm           |                                  |
|   | ≥50% at 494nm        | 92.6% at 494nm         |                                  |
| Appendix  |                      |                        |                                  |
| This Product has been tested and the components have been found to conform to UE quality standards. |                      |                        |                                  |
| Conclusion  | Up to standard       | Report Date            | 08-07-2024                       |
| QC  | Chen ming Jiang      | QA                     | Qin hua-Yu                       |

