

# Certificate of Analysis

|   |                                       |                                   |                                  |
|---|---------------------------------------|-----------------------------------|----------------------------------|
| Product Name  | YF®405 SE                             |                                   |                                  |
| Cat.No.   | YS0033Z2                              | Storage Conditions                | Keep away from light<br>at -20°C |
| Lot.No.   | 240223G02-02                          | Expiration Date                   | 22-08-2025                       |
| Molecular Formula   | N/A                                   | Molecular Weight                  | 1030.3                           |
| CAS Number  | N/A                                   | Excitation<br>Emission            | 399/421nm                        |
| Quality Control   |                                       |                                   |                                  |
| Items   | Specification                         | Result                            |                                  |
| Packaging appearance  | Intact and undamaged                  | Intact and undamaged              |                                  |
| Appearance  | Off-white solid                       | Off-white solid                   |                                  |
| Weight/volume   | 10-10.5mg                             | 10mg                              |                                  |
| molar extinction<br>coefficient   | 33000±3300                            | 36251                             |                                  |
| Purity  | HPLC: ≥90% at 254nm<br>≥90% at 400 nm | 91.6% at 254nm<br>95.3% at 400 nm |                                  |
| Appendix  |                                       |                                   |                                  |
| This Product has been tested and the components have been found to conform to UE quality standards. |                                       |                                   |                                  |
| Conclusion  | Up to standard                        | Report Date                       | 20-03-2024                       |
| QC  | Chen ming Jiang                       | QA                                | Qin Hua-Yu                       |

