

# Certificate of Analysis

|                                                                                                     |                      |                      |                                |
|-----------------------------------------------------------------------------------------------------|----------------------|----------------------|--------------------------------|
| Product Name                                                                                        | YF®405S SE           |                      |                                |
| Cat.No.                                                                                             | YS0033               | Storage Conditions   | Store at -20°C away from light |
| Lot.No.                                                                                             | 230929G06-01         | Expiration Date      | 28-09-2025                     |
| Molecular Formula                                                                                   | N/A                  | Molecular Weight     | 1030.3                         |
| CAS Number                                                                                          | N/A                  | Excitation 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                                                                                       | 1-1.1mg              | 1mg                  |                                |
| Molar extinction coefficient                                                                        | 33000±3300           | 36251                |                                |
| Purity                                                                                              | HPLC: ≥90% at 254nm  | 98.0% at 254nm       |                                |
|                                                                                                     | ≥90% at 400nm        | 98.3% at 400nm       |                                |
| Appendix                                                                                            |                      |                      |                                |
| This Product has been tested and the components have been found to conform to UE quality standards. |                      |                      |                                |
| Conclusion                                                                                          | Up to standard       | Report Date          | 17-05-2024                     |
| QC                                                                                                  | Chen ming Jiang      | QA                   | Qin Hua-Yu                     |

