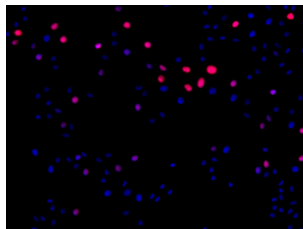
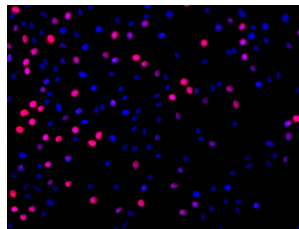


# Certificate of Analysis

|                                                                                                     |                                                                                     |                                                                                      |                                  |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|
| Product Name                                                                                        | YF®594 Azide                                                                        |                                                                                      |                                  |
| Cat.No.                                                                                             | YA0038                                                                              | Storage Conditions                                                                   | Keep away from light<br>at -20°C |
| Lot.No.                                                                                             | 230716G01-01                                                                        | Expiration Date                                                                      | 15-07-2028                       |
| Molecular Formula                                                                                   | N/A                                                                                 | Molecular Weight                                                                     | 906.1                            |
| CAS Number                                                                                          | N/A                                                                                 | Excitation<br>Emission                                                               | 585/609nm                        |
| Quality Control                                                                                     |                                                                                     |                                                                                      |                                  |
| Items                                                                                               | Specification                                                                       | Result                                                                               |                                  |
| Packaging appearance                                                                                | Intact and undamaged                                                                | Intact and undamaged                                                                 |                                  |
| Appearance                                                                                          | Purple red solid                                                                    | Purple red solid                                                                     |                                  |
| Weight/volume                                                                                       | 0.5-0.55mg                                                                          | 0.5mg                                                                                |                                  |
| molar extinction<br>coefficient                                                                     | 92000±9200                                                                          | 87557                                                                                |                                  |
| Purity                                                                                              | HPLC: ≥95% at 254 nm                                                                | 100% at 254 nm                                                                       |                                  |
|                                                                                                     | ≥95% at 594nm                                                                       | 100% at 594nm                                                                        |                                  |
| Appendix                                                                                            |                                                                                     |                                                                                      |                                  |
|                                                                                                     | Standard                                                                            | This lot                                                                             |                                  |
|                                                                                                     |  |  |                                  |
| This Product has been tested and the components have been found to conform to UE quality standards. |                                                                                     |                                                                                      |                                  |
| Conclusion                                                                                          | Up to standard                                                                      | Report Date                                                                          | 15-08-2024                       |
| QC                                                                                                  | Cen ming Jiang                                                                      | QA                                                                                   | Qin Hua-Yu                       |

