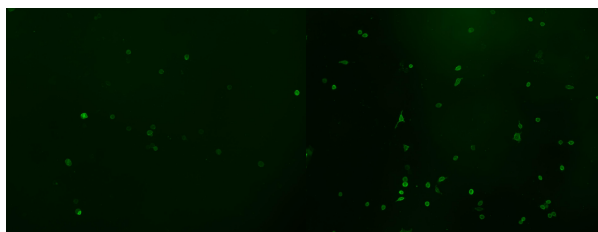


# Certificate of Analysis

|                                                                                                     |                                                                 |                      |                        |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------|------------------------|
| Product Name                                                                                        | DiO (Cell membrane green fluorescence probe)                    |                      |                        |
| Cat.No.                                                                                             | D4007Z4                                                         | Storage Conditions   | 4°C&protect from light |
| Lot.No.                                                                                             | 210903E5-08                                                     | Expiration Date      | 02-09-2026             |
| Molecular Formula                                                                                   | C <sub>53</sub> H <sub>85</sub> ClN <sub>2</sub> O <sub>6</sub> | Molecular Weight     | 881.7                  |
| CAS Number                                                                                          | 34215-57-1                                                      | Excitation Emission  | 484/501nm              |
| Quality Control                                                                                     |                                                                 |                      |                        |
| Items                                                                                               | Specification                                                   | Result               |                        |
| Packaging appearance                                                                                | Intact and undamaged                                            | Intact and undamaged |                        |
| Appearance                                                                                          | Yellow solid                                                    | Yellow solid         |                        |
| Weight/volume                                                                                       | 10-10.2g                                                        | 10g                  |                        |
| Molar extinction coefficient (ε)                                                                    | 150400±15040                                                    | 149996               |                        |
| Appendix                                                                                            |                                                                 |                      |                        |
| Standard                                                                                            |                                                                 | Test                 |                        |
|                 |                                                                 |                      |                        |
| This Product has been tested and the components have been found to conform to UE quality standards. |                                                                 |                      |                        |
| Conclusion                                                                                          | Up to standard                                                  | Report Date          | 08-10-2024             |
| QC                                                                                                  | Chen ming Jiang                                                 | QA                   | Qin hua Yu             |

