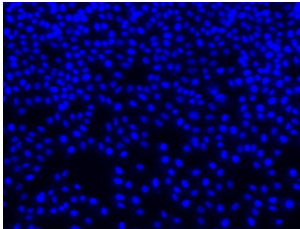
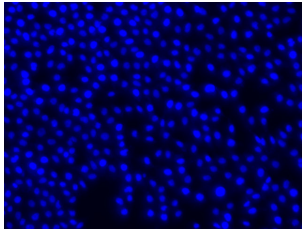


# Certificate of Analysis

|   |   |  |   |
|---|---|--|---|
| <b>Product Name</b>   | Hoechst 33342                             |  |   |
| <b>Cat.No.</b>  | H4047                                     | <b>Storage Conditions</b>  | -20°C&protect from light                                    |
| <b>Lot.No.</b>  | 240221E01-01                              | <b>Expiration Date</b>   | 20-02-2029  |
| <b>Molecular Formula</b>  | $C_{27}H_{28}N_6O \cdot 3HCl \cdot 3H_2O$ | <b>Molecular Weight</b>  | 616.0   |
| <b>CAS Number</b>   | 881691-13-0                               | <b>Excitation<br/>Emission</b>   | 350/461nm<br>(combine DNA)<br>346/460nm<br>(uncombined DNA) |
| <b>Quality Control</b>  |   |  |   |
| <b>Items</b>  | <b>Specification</b>                      | <b>Result</b>  |   |
| Packaging appearance  | Intact and undamaged                      | Intact and undamaged   |   |
| Appearance  | White/Yellow/Light Yellow Solid           | Light Yellow Solid   |   |
| Weight/volume   | 10-10.5mg                                 | 10mg   |   |
| <b>Appendix</b>   |   |  |   |
| <b>Standard</b>   |   | <b>Test</b>  |   |
|                  |   |  |   |
| This Product has been tested and the components have been found to conform to UE quality standards. |   |  |   |
| <b>Conclusion</b>   | Up to standard                            | <b>Report Date</b>   | 23-03-2026  |
| QC  | <i>Chen ming Jiang</i>                    | QA   | <i>Qin Hua-Yu</i>   |

