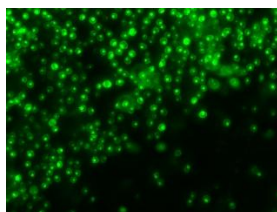


Certificate of Analysis

| | | | |
|---|---|---------------------|--------------------------|
| Product Name | Rhodamine 123 | | |
| Cat.No. | R4056 | Storage Conditions | -20°C&protect from light |
| Lot.No. | 325W0101-02 | Expiration Date | 19-11-2030 |
| Molecular Formula | C ₂₁ H ₁₇ ClN ₂ O ₃ | Molecular Weight | 380.8 |
| CAS Number | 62669-70-9 | Excitation Emission | 505/534 nm |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Pass | |
| Appearance | Orange red solid | Pass | |
| Weight/volume | 50-51mg | Pass | |
| molar extinction coefficient | 101000±7000 | Pass | |
| Purity | HPLC: ≥95% at 254 nm ≥95% at 504 nm | Pass | |
| Appendix | | | |
|  | | | |
| This Product has been tested and the components have been found to conform to UE quality standards. | | | |
| Conclusion | Up to standard | Report Date | 25-11-2022 |
| QC | Long Zhang | QA | Qin Hua-Yu |

