

Certificate of Analysis

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|---|------------------------|--------------------------------|---------------------------------|
| Product Name | Ethidium Homodimer-I | | |
| Cat.No. | E4052 | Storage Conditions | Keep away from light at 4°C |
| Lot.No. | 220203G30 | Expiration Date | 02-02-2027 |
| Molecular Formula | $C_{46}H_{50}Cl_4N_8$ | Molecular Weight | 856.8 |
| CAS Number | 61926-22-5 | Excitation Emission | (Combining DNA) = 528/617 nm |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Intact and undamaged | |
| Appearance | Red solid | Red solid | |
| Weight/volume | 1-1.1mg | 1mg | |
| molar extinction coefficient | 9000±900 | 8354 | |
| Purity | TLC > 95% | TLC > 95% | |
| Appendix | | | |
| This Product has been tested and the components have been found to conform to UE quality standards. | | | |
| Conclusion | Up to standard | Report Date | 15-10-2024 |
| QC | <i>Chen ming Jiang</i> | QA | <i>Qin Hua-Yu</i> |

