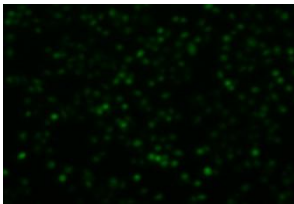


Certificate of Analysis

| | | | |
|---|---|--|--|
| Product Name | Fluo-4, AM ester（Calcium Ion fluorescence probe） | | |
| Cat.No. | F3013Z1 | Storage Conditions | -20℃&protect from light |
| Lot.No. | 220821W01-02 | Expiration Date | 20-08-2032 |
| Molecular Formula | C ₅₁ H ₅₀ F ₂ N ₂ O ₂₃ | Molecular Weight | 1097.0 |
| CAS Number | 273221-67-3 | Excitation Emission | 494/516 nm (after Ca ²⁺ binding) |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Pass | |
| Appearance | Orange red powder | Pass | |
| Weight/volume | 5-5.3mg | Pass | |
| molar extinction coefficient | 25500±2000 | Pass | |
| Purity | HPLC: ≥85% at 254nm ≥85% at 457nm | Pass | |
| Appendix | | | |
|  | | <div>This Product has been tested and the components have been found to conform to UE quality standards.</div> | |
| Conclusion | Up to standard | Report Date | 08-09-2022 |
| QC | tian qin zheng | QA | Qin Hua-Yu |

