

Certificate of Analysis

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|---|----------------------|------------------------|----------------------------------|
| Product Name | YF®680 SE | | |
| Cat.No. | YS0021Z1 | Storage Conditions | Keep away from light at -20°C |
| Lot.No. | 230704W01-01 | Expiration Date | 03-01-2025 |
| Molecular Formula | N/A | Molecular Weight | 1125.4 |
| CAS Number | N/A | Excitation Emission | 679/700nm |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Intact and undamaged | |
| Appearance | Dark blue solid | Dark blue solid | |
| Weight/volume | 5-5.3mg | 5mg | |
| Molar extinction coefficient | 140000±14000 | 129600 | |
| Purity | HPLC: ≥80% at 254nm | 93% at 254nm | |
| | ≥80% at 680nm | 92% at 680nm | |
| Appendix | | | |
| This Product has been tested and the components have been found to conform to UE quality standards. | | | |
| Conclusion | Up to standard | Report Date | 10-07-2023 |
| QC | Jiaxing Wu | QA | Qin Hua-Yu |

