

Certificate of Analysis

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|---|-------------------------------------|---------------------|--------------------------------|
| Product Name | YF®640 free acid | | |
| Cat.No. | YH0006Z1 | Storage Conditions | Store at -20°C away from light |
| Lot.No. | 220208W01-02 | Expiration Date | 07-02-2032 |
| Molecular Formula | N/A | Molecular Weight | 1049.4 |
| CAS Number | N/A | Excitation Emission | 641/658nm |
| Quality Control | | | |
| Items | Specification | Result | |
| Packaging appearance | Intact and undamaged | Pass | |
| Appearance | Blue solid | Pass | |
| Weight/volume | 1-1.1mg | Pass | |
| molar extinction coefficient | 105000±10500 | Pass | |
| Purity | HPLC:≥95% at 254nm ≥95% at 640nm | 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 |

