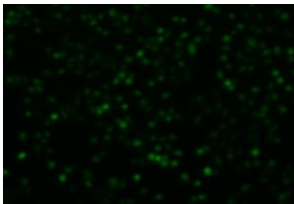


# Certificate of Analysis

Product Name	Fluo-4, AM ester（Calcium Ion fluorescence probe）		
Cat.No.	F3013ST	Storage Conditions	-20℃&protect from light
Lot.No.	220821W01-01	Expiration Date	20-08-2032
Molecular Formula	C <sub>51</sub> H <sub>50</sub> F <sub>2</sub> N <sub>2</sub> O <sub>23</sub>	Molecular Weight	1097.0
CAS Number	273221-67-3	Excitation Emission	494/516 nm （after Ca <sup>2+</sup> binding）
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Orange red powder	Pass	
Weight/volume	50-55μg	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

