

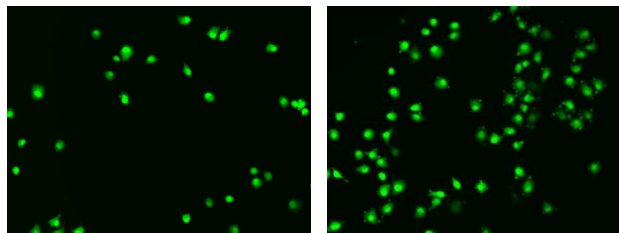
Certificate of Analysis

Product Name	Fluo-4, AM ester		
Cat.No.	F3013	Storage Conditions	-20°C&protect from light
Lot.No.	250915J01-01	Expiration Date	14-09-2030
Molecular Formula	$C_{51}H_{50}F_2N_2O_{23}$	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	Intact and undamaged
Appearance	Orange red powder	Orange red powder
Weight/volume	500-510mg	500mg
molar extinction coefficient	25500 ± 2000	26488
Purity	HPLC: $\geq 85\%$ at 254nm	92.9% at 254nm
	$\geq 85\%$ at 458nm	92.7% at 458nm

Appendix

Standard
Test


This Product has been tested and the components have been found to conform to UE quality standards.

Conclusion	Up to standard	Report Date	23-09-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

