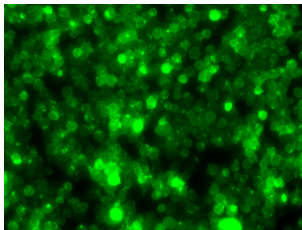
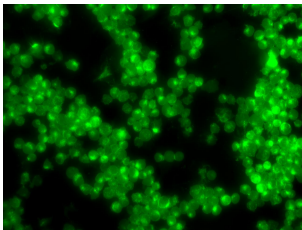


Certificate of Analysis

Product Name	DiO (Cell membrane green fluorescence probe)		
Cat.No.	D4007	Storage Conditions	4°C&protect from light
Lot.No.	210521G02-01	Expiration Date	20-05-2026
Molecular Formula	$C_{53}H_{85}ClN_2O_6$	Molecular Weight	881.7
CAS Number	34215-57-1	Excitation Emission	484/501nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Yellow solid	Yellow solid	
Weight/volume	10-10.5mg	10mg	
Molar extinction coefficient (ϵ)	150400 \pm 15040	156622	
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	17-09-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qin hua-Yu</i>

