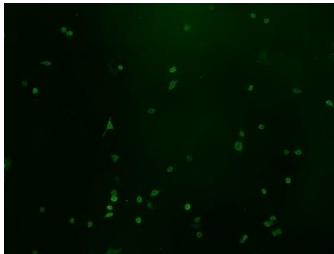


## Certificate of Analysis

<b>Product Name</b>	DiO (Cell membrane green fluorescence probe)		
<b>Cat.No.</b>	D4007Z4	<b>Storage Conditions</b>	4°C&protect from light
<b>Lot.No.</b>	210903E5-01	<b>Expiration Date</b>	02-09-2031
<b>Molecular Formula</b>	$C_{53}H_{85}ClN_2O_6$	<b>Molecular Weight</b>	881.7
<b>CAS Number</b>	34215-57-1	<b>Excitation Emission</b>	484/501nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Yellow solid	Pass	
Weight/volume	10-10.2g	Pass	
Molar extinction coefficient ( $\epsilon$ )	150400 $\pm$ 15040	Pass	
<b>Appendix</b>			
		This Product has been tested and the components have been found to conform to UE quality standards.	
<b>Conclusion</b>	Up to standard	<b>Report Date</b>	18-8-2022
QC	<i>Jiaxing Wu</i>	QA	<i>Qin Hua-Yu</i>

