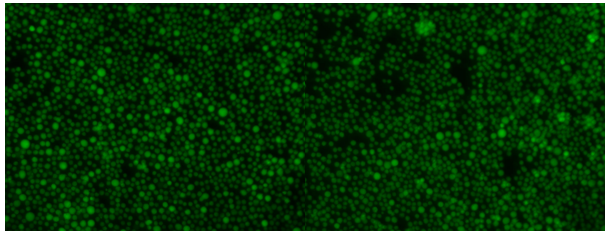


# Certificate of Analysis

<b>Product Name</b>	Calcein AM		
<b>Cat.No.</b>	C4041Z8	<b>Storage Conditions</b>	Store at -20°C away from light
<b>Lot.No.</b>	240923W01-01	<b>Expiration Date</b>	10-05-2027
<b>Molecular Formula</b>	$C_{46}H_{46}N_2O_{23}$	<b>Molecular Weight</b>	994.9
<b>CAS Number</b>	148504-34-1	<b>Excitation Emission</b>	494/517 nm (pH =8)
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Grey white solid	Grey white solid	
Weight/volume	200-204mg	200mg	
Purity	HPLC: $\geq 90\%$ at 254nm	97.8% at 254nm	
<b>Appendix</b>			
<b>Standard</b>		<b>Test</b>	
			
<p>This Product has been tested and the components have been found to conform to UE quality standards.</p>			
<b>Conclusion</b>	Up to standard	<b>Report Date</b>	26-09-2024
QC	<i>Chen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

