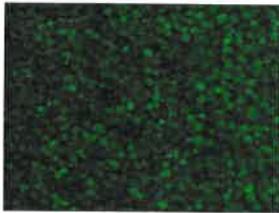


## Certificate of Analysis

<b>Product Name</b>	Calcein AM		
<b>Cat.No.</b>	C4041	<b>Storage Conditions</b>	- 20 °C
<b>Lot.No.</b>	220221X01-01	<b>Expiration Date</b>	20-01-2032
<b>Molecular Formula</b>	$C_{46}H_{46}N_2O_{23}$	<b>Molecular Weight</b>	995
<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	Pass	
Appearance	Gray solid	Pass	
Weight/volume	1-1.1mg	Pass	
Purity:	HPLC: $\geq 90\%$ at 254 nm	Pass	
<b>Appendix</b>			
220221X01-01			
			
<p>This Product has been tested and the components have been found to conform to UE quality standards.</p>			
<b>Conclusion</b>	<b>Up to standard</b>	<b>Report Date</b>	<b>17-03-2022</b>
<b>QC</b>	<i>17-03-2022</i> <i>long zhang</i>	<b>QA</b>	<i>Riv Ma Yu</i> <i>17-03-2022</i>

