

# Certificate of Analysis

<b>Product Name</b>	PMA, 20 mM in water							
<b>Cat.No.</b>	P4051	<b>Storage Conditions</b>	-20°C&protect from light					
<b>Lot.No.</b>	250728L01-01	<b>Expiration Date</b>	27-07-2028					
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>32</sub> Cl <sub>2</sub> N <sub>6</sub>	<b>Molecular Weight</b>	511.5					
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	Ex (pH 3) = 464 nm (before photolysis) Ex/Em(after photocrosslinking to nucleic acid) = 510/610 nm					
<b>Quality Control</b>								
<b>Items</b>	<b>Specification</b>		<b>Result</b>					
Packaging appearance	Intact and undamaged		Intact and undamaged					
Appearance	Orange red liquid		Orange red liquid					
Weight/volume	100-106μl		100μl					
<b>Appendix</b>								
	<b>Standard</b>			<b>AVG</b>	<b>Test</b>			<b>AVG</b>
Live bacteria+PMA	18.44	18.78	18.99	18.74	18.52	18.73	18.63	18.63
Dead bacteria+PMA	33.64	33.63	33.59	33.62	33.95	33.85	33.73	33.84
Live bacteria	17.96	18.13	18.04	18.04	17.96	18.13	18.04	18.04
Dead bacteria	16.94	16.86	17.1	16.97	16.94	16.86	17.1	16.97
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>	30-07-2025				
QC	<i>Chen ming Jiang</i>		QA	<i>Qiu Hua-Yu</i>				

