

Certificate of Analysis

Product Name	PMA, 20 mM in water							
Cat.No.	P4051	Storage Conditions	-20°C&protect from light					
Lot.No.	251029L06-01	Expiration Date	28-10-2028					
Molecular Formula	C ₂₇ H ₃₂ Cl ₂ N ₆	Molecular Weight	511.5					
CAS Number	N/A	Excitation Emission	Ex (pH 3) = 464 nm (before photolysis) Ex/Em(after photocrosslinking to nucleic acid) = 510/610 nm					
Quality Control								
Items	Specification		Result					
Packaging appearance	Intact and undamaged		Intact and undamaged					
Appearance	Orange red liquid		Orange red liquid					
Weight/volume	100-106μl		100μl					
Appendix								
	Standard			AVG	Test			AVG
Live bacteria+PMA	17.27	17.11	17.25	17.21	17.01	17.15	17.3	17.15
Dead bacteria+PMA	34.74	34.0	34.38	34.37	34.07	34.36	34.65	34.36
Live bacteria	14.30	14.0	14.31	14.20	14.30	14.0	14.31	14.20
Dead bacteria	14.84	14.53	14.87	14.75	14.84	14.53	14.87	14.75
This Product has been tested and the components have been found to conform to UE quality standards								
Conclusion	Up to standard		Report Date	19-12-2025				
QC	<i>Chen ming Jiang</i>		QA	<i>Qiu Hua-Yu</i>				

