

Certificate of Analysis

Product Name	PMA, 20 mM in water							
Cat.No.	P4051		Storage Conditions		-20°C&protect from light			
Lot.No.	250311C02-01		Expiration Date		10-03-2028			
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			
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	16.9	16.77	16.64	16.77	17.49	17.25	17.38	17.37
Dead bacteria+PMA	30.47	30.35	30.8	30.54	31.3	31.3	30.96	31.19
Live bacteria	15.9	15.82	15.77	15.83	15.9	15.82	15.77	15.83
Dead bacteria	16.37	16.16	16.21	16.25	16.37	16.16	16.21	16.25
This Product has been tested and the components have been found to conform to UE quality standards								
Conclusion	Up to standard		Report Date		19-03-2025			
QC	Cen ming Jiang		QA		Qin Hua-Yu			

