

Certificate of Analysis

Product Name	PMA, 20 mM in water							
Cat.No.	P4051			Storage Conditions		-20°C&protect from light		
Lot.No.	260227L01-01			Expiration Date		26-02-2029		
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	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		07-07-2026		
QC	Cen ming Jiang			QA				

