

# Certificate of Analysis

<b>Product Name</b>	Propidium Monoazide (PMA)				
<b>Cat.No.</b>	P4036	<b>Storage Conditions</b>	4°C&Protect from light		
<b>Lot.No.</b>	241210E02-01	<b>Expiration Date</b>	09-12-2029		
<b>Molecular Formula</b>	$C_{27}H_{32}Cl_2N_6$	<b>Molecular Weight</b>	511.5		
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	(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	Crimson solid	Crimson solid			
Weight/volume	1-1.1mg	1mg			
<b>Appendix</b>					
	CT1	CT2	CT3	AVE	CV
Standard DeadBacteria+PMA	38.7	38.7	/	38.7	123.0%
Standard Live Bacteria+PMA	17.9	17.7	17.7	17.8	4.00%
Test Dead Bacteria+PMA	36.0	37.0	/	36.5	111.00%
Test Live Bacteria+PMA	18	17.8	17.8	17.8	4.00%
Standard Dead Bacteria	17.4	17.4	17.2	17.3	/
Standard Live Bacteria	17.4	17.0	17.0	17.1	/
Test Dead Bacteria	17.4	17.4	17.2	17.3	/
Test Live Bacteria	17.4	17.0	17.0	17.1	/
This Product has been tested and the components have been found to conform to UE quality standards.					
<b>Conclusion</b>	<b>Up to standard</b>	<b>Report Date</b>	27-02-2026		
QC	<i>Chen ming Jiang</i>	QA	<i>Qin hua-Yu</i>		

