

# 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>	250908S01-01	<b>Expiration Date</b>	07-09-2030		
<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	29.01	28.71	27.33	28.35	83%
Standard Live Bacteria+PMA	17.12	16.89	16.92	16.98	9%
Test Dead Bacteria+PMA	30.76	29.56	30.66	30.33	96%
Test Live Bacteria+PMA	17.45	17.35	17.47	17.42	11%
Dead Bacteria	15.55	15.39	15.47	15.47	/
Live Bacteria	15.72	15.57	15.59	15.63	/
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>		28-10-2025	
QC	<i>Cen ming Jiang</i>	QA		<i>Qin Hua-Yu</i>	

