

Certificate of Analysis

Product Name	Propidium Monoazide (PMA)		
Cat.No.	P4036	Storage	4°C&Protect from light
Lot.No.	241210E03-01	Expiration Date	09-12-2029
Molecular Formula	$C_{27}H_{32}Cl_2N_6$	Molecular Weight	511.5
CAS Number	N/A	Excitation Emission	Ex (pH 3) (before photolysis) (after photocrosslinking to nucleic acid)= 510/610 nm

Quality Control

Items	Specification	Result
Packaging appearance	Intact and undamaged	Intact and undamaged
Appearance	Crimson solid	Crimson solid
Weight/volume	1-1.1mg	1mg

Appendix

	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.

Conclusion	Up to standard	Report Date	09-12-2025
QC	<i>Cen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

