

# Certificate of Analysis

Product Name	Propidium Iodide		
Cat.No.	P4034Z2	Storage Conditions	Keep away from light at 4°C
Lot.No.	210702E1-06	Expiration Date	01-07-2026
Molecular Formula	C <sub>27</sub> H <sub>34</sub> I <sub>2</sub> N <sub>4</sub>	Molecular Weight	668.4
CAS Number	25535-16-4	Excitation Emission	(combine DNA) =535/617 nm (uncombined DNA) =493/636 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Orange red solid	Orange red solid	
Weight/volume	10-10.2g	10g	
molar extinction coefficient	6000±600	6120	
Purity	HPLC: ≥95% at 254nm ≥95% at 509 nm	98% at 254nm 98% at 509 nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	11-04-2023
QC	Jiaxing Wu	QA	Qin Hua-Yu

