

# Certificate of Analysis

Product Name	Dihydroethidium (Hydroethidine)		
Cat.No.	D1004	Storage Conditions	Store at -20°C away from light
Lot.No.	211215W01-04	Expiration Date	14-12-2026
Molecular Formula	C <sub>21</sub> H <sub>21</sub> N <sub>3</sub>	Molecular Weight	315.4
CAS Number	38483-26-0	Excitation Emission	355/420 nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Brown solid	Brown solid	
Weight/volume	5-5.3mg	5mg	
Purity	HPLC: ≥95% at 254 nm	99.9% at 254 nm	
	≥95% at 354 nm	99.9% at 254 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	10-02-2025
QC	Chen ming Jiang	QA	Qin hua-Yu

