

Certificate of Analysis

Product Name	5-FAM SE		
Cat.No.	F5053	Storage Conditions	Keep away from light at -20°C
Lot.No.	220630E01-01	Expiration Date	29-06-2025
Molecular Formula	C ₂₅ H ₁₅ NO ₉	Molecular Weight	473.4
CAS Number	92557-80-7	Excitation Emission	495/519nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Orange-yellow solid	Orange-yellow solid	
Weight/volume	5-5.3mg	5mg	
molar extinction coefficient	74000±5000	74000	
Purity	HPLC: ≥90% at 254nm ≥90% at 501 nm	92% at 254nm 92% at 501 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	05-05-2023
QC	Jiaxing Wu	QA	Qin Hua-Yu

