

# Certificate of Analysis

Product Name	6-FAM SE		
Cat.No.	F5056	Storage Conditions	-20℃ & avoid light
Lot.No.	210926W1-02	Expiration Date	25-09-2027
Molecular Formula	C <sub>25</sub> H <sub>17</sub> NO <sub>9</sub>	Molecular Weight	475.41
CAS Number	92557-81-8	Excitation Emission	495/519nm (pH 9)
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Orange yellow solid	Pass	
Weight/volume	5-5.3mg	Pass	
molar extinction coefficient	74000±5000cm <sup>-1</sup> M <sup>-1</sup>	Pass	
Purity	HPLC: ≥90% at 254 nm ≥90% at 501 nm	Pass	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	02-12-2021
QC	Cheng Tao Yuan. 02-12-2021.	QA	Qin hua. Yu 02-12-2021

