

# Certificate of Analysis

Product Name	Sulfo-Cy5-E free acid		
Cat.No.	C5021	Storage Conditions	Keep away from light at -20°C
Lot.No.	220203G13	Expiration Date	02-02-2027
Molecular Formula	C <sub>33</sub> H <sub>39</sub> KN <sub>2</sub> O <sub>8</sub> S <sub>2</sub>	Molecular Weight	694.9
CAS Number	N/A	Excitation Emission	646/662nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark green solid	Dark green solid	
Weight/volume	5-5.3mg	5mg	
molar extinction coefficient	250000±25000	242333	
Purity	HPLC: ≥95% at 254nm	96.3% at 254nm	
	≥95% at 647nm	96.5% at 647nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	06-11-2024
QC	Chen ming Jiang	QA	Qin Hua-Yu

