

# Certificate of Analysis

Product Name	Sulfo-Cy5-E SE		
Cat.No.	C5061	Storage Conditions	Store at -20°C away from light
Lot.No.	220720X01-08	Expiration Date	19-01-2024
Molecular Formula	C <sub>37</sub> H <sub>42</sub> KN <sub>3</sub> O <sub>10</sub> S <sub>2</sub>	Molecular Weight	792
CAS Number	N/A	Excitation Emission	645/663nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark blue solid	Dark blue solid	
Weight/volume	1-1.1mg	1mg	
Molarextinction coefficient	250000±25000	236419	
Purity	HPLC: ≥50% at 254 nm ≥50% at 649 nm	84.0% at 254 nm 97.0% at 649 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	18-09-2023
QC	Jiaxing Wu	QA	Qin Hua-Yu

