

# Certificate of Analysis

Product Name	Sulfo-Cy5.5-E SE		
Cat.No.	C5072Z1	Storage Conditions	Store at -20°C away from light
Lot.No.	240527G06-02	Expiration Date	26-05-2026
Molecular Formula	C <sub>45</sub> H <sub>44</sub> K <sub>3</sub> N <sub>3</sub> O <sub>16</sub> S <sub>4</sub>	Molecular Weight	1128.4
CAS Number	N/A	Excitation Emission	674/690nm
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark blue solid	Dark blue solid	
Weight/volume	5-5.3mg	5mg	
Molarextinction coefficient	211,000±21100	213000	
Purity	HPLC: ≥75% at 254 nm ≥75% at 675 nm	86.5% at 254 nm 87.1% at 675 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	04-06-2024
QC	Chen ming Jiang	QA	Qin Hua-Yu

