

Certificate of Analysis

Product Name	Sulfo-Cy5.5-E free acid		
Cat.No.	C5071	Storage Conditions	Store at -20°C away from light
Lot.No.	211027G01	Expiration Date	26-10-2026
Molecular Formula	$C_{41}H_{41}K_3N_2O_{14}S_4$	Molecular Weight	1031.3
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	211000±21100	229610	
Purity	HPLC: ≥95% at 254 nm ≥95% at 674 nm	95.2% at 254 nm 95.2% at 674nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	14-11-2025
QC	<i>Cen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

