

## Certificate of Analysis

<b>Product Name</b>	Cy5-E SE		
<b>Cat.No.</b>	C5045Z2	<b>Storage Conditions</b>	-20°C&protect from light
<b>Lot.No.</b>	220906W01-01	<b>Expiration Date</b>	05-09-2028
<b>Molecular Formula</b>	$C_{37}H_{44}IN_3O_4$	<b>Molecular Weight</b>	721.7
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	646/662 nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Pass	
Appearance	Blue solid	Pass	
Weight/volume	5-5.3mg	Pass	
molar extinction coefficient	$250000 \pm 50000$	Pass	
Purity	HPLC: $\geq 95\%$ at 254 nm $\geq 95\%$ at 640 nm	Pass	
<b>Appendix</b>			
This Product has been tested and the components have been found to conform to UE quality standards.			
<b>Conclusion</b>	<b>Up to standard</b>	<b>Report Date</b>	14-09-2022
QC	<i>Jiaxing Wu</i>	QA	<i>Qin Hua-Yu</i>

