

## Certificate of Analysis

<b>Product Name</b>	Cy5.5-M SE		
<b>Cat.No.</b>	C5083	<b>Storage Conditions</b>	Keep away from light at -20°C
<b>Lot.No.</b>	240527G12-03	<b>Expiration Date</b>	26-05-2026
<b>Molecular Formula</b>	$C_{44}H_{46}IN_3O_4$	<b>Molecular Weight</b>	807.8
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	685/707nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Dark blue solid	Dark blue solid	
Weight/volume	1-1.1mg	1mg	
molar extinction coefficient	198000±19800	180000	
Purity	TLC > 90%	TLC > 90%	
<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>	20-08-2025
QC	<i>Cen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

