

# Certificate of Analysis

<b>Product Name</b>	5(6)-TAMRA, cadaverine (5(6)-TAMRA)		
<b>Cat.No.</b>	T5048	<b>Storage Conditions</b>	-20°C & Protect from light
<b>Lot.No.</b>	251024S01-01	<b>Expiration Date</b>	23-10-2030
<b>Molecular Formula</b>	$C_{30}H_{34}N_4O_4$	<b>Molecular Weight</b>	514.6
<b>CAS Number</b>	N/A	<b>Excitation Emission</b>	544/571 nm(MeOH)
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Purple-red solid	Purple-red solid	
Weight/volume	10-10.5mg	10mg	
molar extinction coefficient	$55000 \pm 5500$	53511	
Purity	HPLC: $\geq 90\%$ at 254 nm $\geq 90\%$ at 550nm	96.3% at 254 nm 98.2% at 550nm	
<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>	29-10-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

