

## Certificate of Analysis

<b>Product Name</b>	7-AAD		
<b>Cat.No.</b>	A4075	<b>Storage Conditions</b>	-20°C&protect from light
<b>Lot.No.</b>	220909G01-61	<b>Expiration Date</b>	08-09-2027
<b>Molecular Formula</b>	$C_{62}H_{87}N_{13}O_{16}$	<b>Molecular Weight</b>	1270.5
<b>CAS Number</b>	7240-37-1	<b>Excitation Emission</b>	546/647 nm
<b>Quality Control</b>			
<b>Items</b>	<b>Specification</b>	<b>Result</b>	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Red powder	Red powder	
Weight/volume	1-1.1mg	1mg	
Purity	HPLC: $\geq 95\%$ at 254 nm	98.0% at 254 nm	
	$\geq 95\%$ at 512 nm	97.8% at 512 nm	
<b>Appendix</b>			
This Product has been tested and the components have been found to conform to UE quality standards.			
<b>Conclusion</b>	Up to standard	<b>Report Date</b>	27-10-2025
QC	<i>Chen ming Jiang</i>	QA	<i>Qin Hua-Yu</i>

