

# Certificate of Analysis

<b>Name</b>	AOD 9604- 5mg	<b>CAS No.</b>	221231-10-3
<b>Formula</b>	C78H123N23O23S2	<b>Origin</b>	Chemical Synthesis
<b>Lot No.</b>	20251020	<b>Manufacture Date</b>	2025.10.20
<b>Lot Size</b>	/	<b>Retest date</b>	2027.10.19
<b>Storage</b>	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
<b>Test Items</b>	<b>Acceptance Criteria</b>	<b>Test Results</b>	
<b>【Description】</b>			
<b>Appearance</b>	White or almost white <b>lyophilized</b> powder	White lyophilized powder	
<b>【Identification】</b>			
<b>HPLC Identification</b>	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
<b>【Test】</b>			
<b>Peptide Purity (By HPLC)</b>	≥98.0%	99.33%	
<b>Solubility</b>	Soluble in water	Conforms	
<b>Water Content (Karl Fischer)</b>	≤8.0%	4.5%	
<b>Acetic Acid (By HPLC)</b>	≤10.0%	6.1%	
<b>Trifluoroacetic Acid</b>	≤0.5%	Not Detected	
<b>Related Substance (By HPLC)</b>	Total Impurities(%) ≤ 2.0%	0.67%	
	Largest Single Impurity(%) ≤ 1.0%	0.36%	
<b>Bacterial Endotoxins</b>	≤10 EU/mg	Conforms	
<b>Residual Solvents</b>	Acetonitrile: NMT 410ppm	108ppm	
	Dichloromethane: NMT 600ppm	Not Detected	
	DMF: NMT 880ppm	Not Detected	
<b>【Assay】</b>			
<b>Assay</b>	95.0 ~ 105.0%	99.257%	
<b>Content</b>	4.89~ 5.62 mg/vial	5.548mg	
<b>Conclusion: This batch of product conforms with enterprise standard and qualified.</b>			
<b>Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.</b>			