

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	TB500 fragment		
<b>Sequence</b>	Ae-Leu-Lys-Lys-Thr-Glu-Thr-Gln		
<b>Batch No.</b>	TK241107	<b>CAS No.</b>	885340-08-9
<b>Manufacturing Date</b>	November 8, 2024	<b>Expiry Date TO</b>	November 7, 2026
<b>Molecular Formula</b>	$C_{36}H_{68}N_{10}O_{14}$	<b>Quality Standard</b>	Enterprise standard
<b>Storage</b>	Keep in dark and cool dry place, 2 to 8°C.		
<b>Analytical results</b>			
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	
<b>Appearance</b>	White or almost white powder	Complies	
<b>Mass Spectrum</b>	889.02±1	Complies	
<b>Solubility</b>	Soluble in water	Complies	
<b>Purity (HPLC)</b>	≥98.0%	99.5%	
<b>Related Substance</b>	Total Impurities ≤2.0%	0.5%	
	Largest Single Impurity ≤ 1.0%	0.3%	
<b>Acetic Acid</b>	≤15.0%	2.40%	
<b>Water</b>	≤8.0%	4.00%	
<b>Assay</b>	≥85%	92.10%	
<b>Residual Solvent</b>	Acetonitrile ≤410ppm	Complies	
	Dichloromethane ≤600ppm	Complies	
	N,N-Dimethylformamide ≤880ppm	Complies	
<b>Conclusion</b>	This batch complies with enterprise standard.		

Inspector: Carlifor Wu

Verifier: Jack He