

## Certificate of Analysis

<b>Product Name</b>	TB-500	<b>Quantity</b>	1g
<b>Lot No.</b>	6031-251222-01	<b>CAS No.</b>	77591-33-4
<b>Molecular Weight</b>	4963.44	<b>Manufacturing Date</b>	12/22/2025
<b>Molecular Formula</b>	C <sub>212</sub> H <sub>350</sub> N <sub>56</sub> O <sub>78</sub> S	<b>Retest Date</b>	12/21/2027
<b>Inspection standard</b>	Enterprise internal control standard STP-QS-6031	<b>Storage</b>	Keep in dark and cool dry place
<b>Test</b>	<b>Specification</b>	<b>Result</b>	
<b>Appearance</b>	White to off-white powder	Complies	
<b>Identity by MS</b>	Theoretical MW:4963.44	Complies	
<b>Purity (HPLC)</b>	≥98.0%	98.52%	
<b>Peptide Content(By N)</b>	≥80.0%	91.80%	
<b>Acetic acid content</b>	≤ 15.0%	5.71%	
<b>Water (K.F.)</b>	≤7.0%	1.67%	
<b>Trifluoroacetic acid content</b>	≤1.0%	N.D	
<b>Solubility</b>	≥2mg/ml(H <sub>2</sub> O )	Complies	
<b>Conclusion</b>	This product is tested according to the enterprise internal control standard STP-QS-6031, and all the above items meet the requirements.		
<b>Remark</b>	It is only supplied as chemical product		

QC: lin qi

QA: qian xu