

Certificate of Analysis

TB-500

Cas No.,	885340-08-9	Molecular Formula	C38H68N10O14
Molecular Weight	889	Reference Standard	Enterprise Standard
Batch No.	TB24	Manufacturing Date	March 3, 2026
Batch Quantity	10G	Expiration Date	March 2, 2028
Appearance	White to off-white powder	Country of Origin	China
Sequence			

Items	Specification	Result	Method
Appearance	White to off-white powder	Confirm	Observation
Identity	Theoretical MW: 889	Confirm	MS
Peptide Purity	≥99.0%	99.29%	HPLC USP<621>
Water	NMT 10.0%	7.69%	(Karl Fischer)
Acetic Acid Content	NMT 12%	3.30%	
Chemical Characteristics			
Heavy Metals	NMT 10PPM	confirm	USP <231> Method II
Arsenic (As)	NMT 10ppm	confirm	ICP-MS USP <233>
Mercury(Hg)	NMT 0.3ppm	confirm	ICP-MS USP <233>
Heavy Metals (Hplc), ppm	NMT 10	Not Detected	ICP-MS USP <233>
Microbiological Characteristics			
Total Plate Count	NMT1000cfu/g	confirm	USP<61>
Total Yeast & Mold	NMT100cfu/g	confirm	USP<61>
E. Coli	Negative	Negative	USP<62>
Salmonella	Negative	Negative	USP<62>

Consulation Conforms to standard , The product is for research or production use only, not for direct human use.

Packing and Storage Store in dark and cool dry place, light-resistar containers, avoid exposure to direct sunlight, moisture an excessive heat.

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Product Name	BPC 157	Batch No.	24031216.39
Sample Qty Base	2350.85GS	Date of Production	2026.03.12
Analysis Date	2026.03.13	Expiry Date	2028.03.11
CAS NO	137525-51-0	Packing	10GS / BAG
Item	Standard		Test Results
Purity	≥98%		99.31%
Appearance	White or almost white fluffy powder		Complies
Solubility	Soluble in water		Complies
Mass Spectrum	1419.5± 1		Complies
Related Substance	Total Impurities 2.0% <i>Largest Single Impurity</i> ≤ 1.0%		0.6% 0.3%
Water	≤8.0%		4.5%
Residual Solvent	Acetonitrile < 410ppm Dichloromethane ≤ 600ppm N,N-Dimethylformamide ≤ 880ppm		Complies Complies 100 ppm
Storage	Keep in dark and cool dry place (-20 to 8° C)		
Conclusion	The batch conforms to the IN-HOUSE standard		