

Certificate of Analysis

Certificate Number: R3V-COA-2026-003

Product Name	TB500
Batch / Lot Number	TB02032601
CAS Number	885340-08-9
Molecular Weight	4963.5 g/mol
Test Date	02.03.26
Storage Conditions	Store at -20°C, protected from light

Test	Specification	Result
Appearance	White or off-white powder	Conforms
Identification (MS)	Molecular weight consistent	Conforms
Peptide Purity (HPLC)	≥98.0%	98.7%
Peptide Content	≥80.0%	80.4%
Water Content (KF)	≤8.0%	3.0%
Residual Solvents	≤5000 ppm	Conforms
Bacterial Endotoxins	≤10 EU/mg	<10 EU/mg
Microbial Limits	≤100 cfu/g	Conforms
Solubility	≥5 mg/mL (H ₂ O)	Conforms

Mass Spectrometry Confirmation: Observed molecular ion peak consistent with theoretical molecular weight.

HPLC Chromatography: Primary peak corresponding to target peptide detected.

Approved By	Signature	Date
James Boyd Quality Control	Digitally Approved	02.03.26