

COA NO.	BATCH	ISSUE DATE	STATUS
CoA-PEP-TB5-2026-01	PEP-TB5-2026-01	2026-08-31	RELEASED

1. PRODUCT IDENTIFICATION

Compound	TB-500
Nominal fill weight	10 mg
Appearance	White to off-white lyophilized powder
Sequence	Ac-Leu-Lys-Lys-Thr-Glu-Thr-Gln (Ac-LKKTETQ); N-geacetyleerd heptapeptide, residuen 17-23 van thymosine bèta-4
Molecular formula	C38H68N10O14
Molecular weight	889,0 Da

2. BATCH INFORMATION

Manufacturing date	2026-01-12
Expiry date	2029-01-12
Date of receipt	2026-08-21
Date of release	2026-08-31
Storage life	36 months when stored at ≤ -20 °C, protected from light and moisture, in unopened sealed vial. Stability after reconstitution is strongly reduced.

3. ANALYTICAL RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Purity (HPLC)	$\geq 98.0\%$	98.65%	PASS
Endotoxin	≤ 5 EU/mg	Conform (< 5 EU/mg)	PASS
Water	$\leq 6.0\%$	2.12%	PASS
Acetate	$\leq 10.0\%$	N.D.	PASS
Peptide content	$\geq 80.0\%$	93.41%	PASS

4. PEPTALIS QUALITY REVIEW

Visual inspection	Conforms
Packaging integrity	Conforms
Documentation review	Conforms
Quality review by	Peptalis Quality
Review date	2026-08-31

5. STORAGE & INTENDED USE

Store at -20 °C, protected from light and moisture. Supplied as a laboratory reagent for in-vitro research use only. Not for human or veterinary use, and not for diagnostic or therapeutic application.

RELEASE

Released by
Peptalis Quality
Date: 2026-08-31