

COA NO.	BATCH	ISSUE DATE	STATUS
CoA-PEP-THY-2026-01	PEP-THY-2026-01	2026-06-21	RELEASED

1. PRODUCT IDENTIFICATION

Compound	Thymulin
Nominal fill weight	20mg
Appearance	White to off-white lyophilized powder
Sequence	Pyr-Ala-Lys-Ser-Gln-Gly-Gly-Ser-Asn
Molecular formula	C33H54N12O15
Molecular weight	858.86 Da

2. BATCH INFORMATION

Manufacturing date	2026-01-13
Expiry date	2029-01-13
Date of receipt	2026-06-04
Date of release	2026-06-21
Storage life	36 months when stored at $\leq -20^{\circ}\text{C}$, protected from light and moisture, in unopened sealed vial. Stability after reconstitution is strongly reduced.

3. ANALYTICAL RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Purity (HPLC)	$\geq 98.0\%$	98.48%	PASS
Mass spectrometry	Identity consistent	Consistent	PASS
Endotoxin	$\leq 5 \text{ EU/mg}$	$< 5 \text{ EU/mg}$	PASS
Water	$\leq 6.0\%$	3.39%	PASS
Acetate	$\leq 10.0\%$	8.12%	PASS
Trifluoroacetate	$\leq 1.0\%$	0.37%	PASS
Peptide content	$\geq 80.0\%$	88.05%	PASS

4. PEPTALIS QUALITY REVIEW

Visual inspection	Conforms
Packaging integrity	Conforms
Documentation review	Conforms
Quality review by	Peptalis Quality
Review date	2026-06-21

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: 2026-06-21