

COA NO.	BATCH	ISSUE DATE	STATUS
CoA-PEP-PT141-2025-01	PEP-PT141-2025-01	2026-07-16	RELEASED

1. PRODUCT IDENTIFICATION

Compound	PT-141
Nominal fill weight	10mg
Appearance	White to off-white lyophilized powder
Sequence	Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-OH
Molecular formula	C50H68N14O10
Molecular weight	1025,2 Da

2. BATCH INFORMATION

Manufacturing date	2025-12-20
Expiry date	2028-12-20
Date of receipt	2026-07-16
Date of release	2026-07-16
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)	$\geq 98.0\%$	98.37%	PASS
Mass spectrometry	Identity consistent	Consistent	PASS
Endotoxin	≤ 5 EU/mg	< 5 EU/mg	PASS
Water	$\leq 6.0\%$	3.24%	PASS
Acetate	$\leq 10.0\%$	8.15%	PASS
Trifluoroacetate	$\leq 1.0\%$	0.36%	PASS
Peptide content	$\geq 80.0\%$	88.16%	PASS

4. PEPTALIS QUALITY REVIEW

Visual inspection	Conforms
Packaging integrity	Conforms
Documentation review	Conforms
Quality review by	Peptalis Quality
Review date	2026-07-16

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: 2026-07-16