

COA NO.	BATCH	ISSUE DATE	STATUS
CoA-PEP-LL37-2025-01	PEP-LL37-2025-01	2026-06-21	RELEASED

1. PRODUCT IDENTIFICATION

Compound	LL-37
Nominal fill weight	5mg
Appearance	White to off-white lyophilized powder
Sequence	Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile
Molecular weight	4493.3 Da

2. BATCH INFORMATION

Manufacturing date	2025-04-21
Expiry date	2028-04-21
Date of receipt	2026-06-04
Date of release	2026-06-21
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)	≥ 98.0%	98.63%	PASS
Mass spectrometry	Identity consistent	Consistent	PASS
Endotoxin	≤ 5 EU/mg	< 5 EU/mg	PASS
Water	≤ 6.0%	3.32%	PASS
Acetate	≤ 10.0%	7.25%	PASS
Trifluoroacetate	≤ 1.0%	0.29%	PASS
Peptide content	≥ 80.0%	89.11%	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