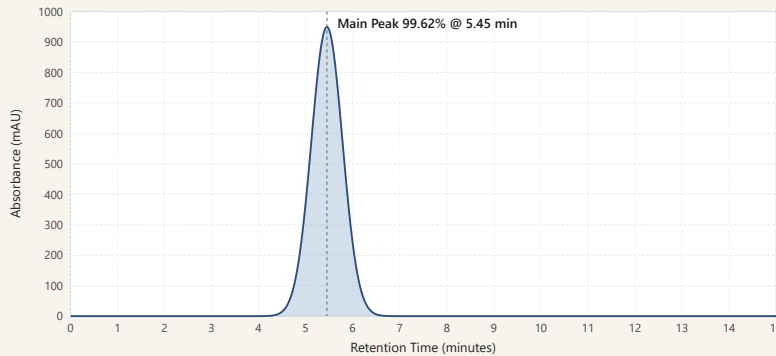


CERTIFICATE OF ANALYSIS

HPLC Purity Test – Semax, Batch: SE7392

BATCH VERIFICATION

BATCH	SE7392
Date	08.02.2026
Purity	99.62% HPLC
Heavy Metals	Non-detected
Size	5mg



TECHNICAL PROPERTIES

Property	Details
Product	Semax
Identifiers	CAS: 80714-61-0
Molecular Formula	C ₃₇ H ₅₁ N ₉ O ₁₀ S
Molecular Weight	813.9 g/mol
Storage	-20°C = 2–3 Years, 4°C = up to 3 Months, 25°C = 2–4 Weeks. In Solvent: -80°C = 6 Months, -20°C = 1 Month, 2–8°C = 1 Week (use bacteriostatic water; aliquot and avoid repeated freeze-thaw)
Chemical Structure	H-Met-Glu-His-Phe-Pro-Gly-Pro-OH

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilized powder	Visual	Conforms
Purity (HPLC)	≥99%	HPLC	99.62%
TFA Content	< 0.50%	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass

Certified by:

R. Goldman

Assurance Date: 08/02/2026

This Certificate of Analysis confirms the testing performed on the batch identified above. The product was manufactured in Europe and tested in collaboration with Analiza Białek Analytical Laboratory, with all analyses conducted in accordance with validated HPLC and NMR methods. These results pertain exclusively to this batch and have been reviewed and verified by the Nexyra Lab Quality Control Department.