



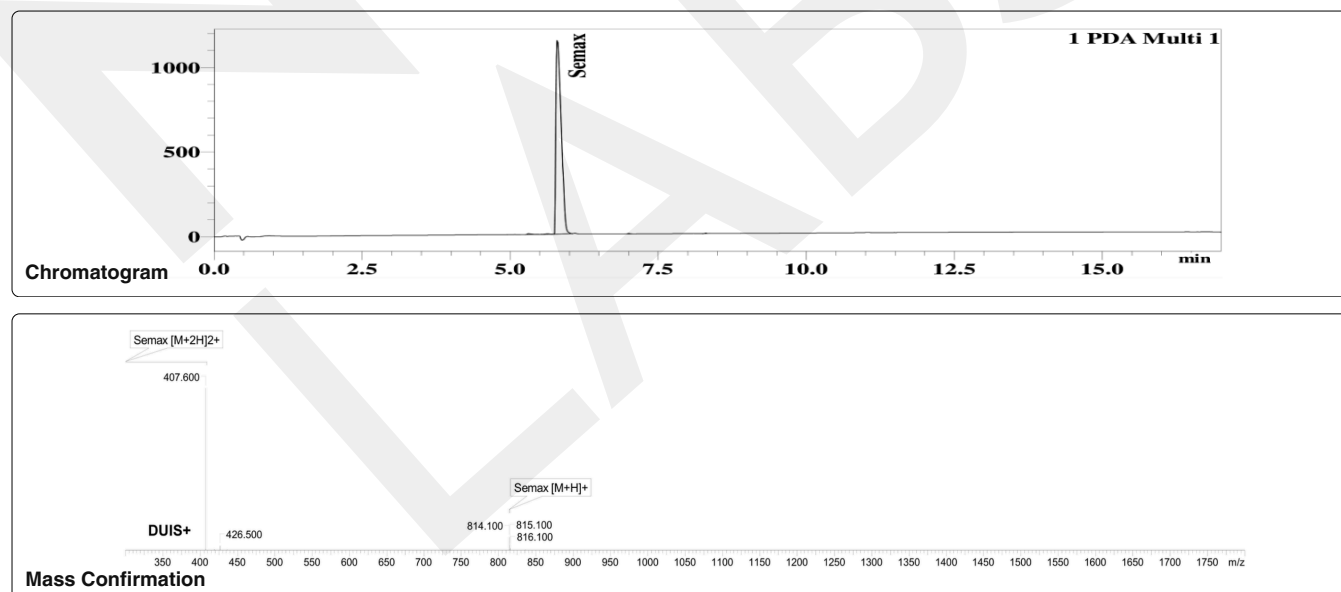
SAMPLE INFORMATION

PRODUCT NAME	Semax 5mg	LOT / BATCH NO.	NVL-SMX-2607-001
COMPOUND	Semax	MOL. WEIGHT	813.9 g/mol
MOL. FORMULA	C ₃₇ H ₅₁ N ₉ O ₁₀ S	STORAGE CONDITION	-20°C, protect from light
APPEARANCE	White Lyophilized Powder	EXPIRY / RETEST DATE	July 2027
PURITY VIAL 1	99.52%	PURITY VIAL 2	99.57%
NET CONTENT VIAL 1	5.76 mg	NET CONTENT VIAL 2	5.90 mg

ANALYTICAL RESULTS

TEST	METHOD	RESULT
Identity	LC-MS (ESI+)	Semax
Purity (HPLC-UV)	RP-HPLC, C18, 214 nm, Area Normalization	99.55%
Net Content Average	Gravimetric	5.83 mg
Endotoxin — Rep. 1	LAL Assay, USP <85>, ≤0.05 EU/mL	PASS
Endotoxin — Rep. 2	LAL Assay, USP <85>, ≤0.05 EU/mL	PASS
Moisture Content	Karl Fischer / LOD	—

ANALYTICAL DATA



Confidentiality Notice: Analytical testing for this certificate was conducted by an **accredited university laboratory in Indonesia**. The identity of the testing facility is confidential pursuant to a signed Non-Disclosure Agreement (NDA) between Novalabs and the testing institution and cannot be disclosed.

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.