VERIFIED VIALS

VV-COA-SEMX-002
Document reference

19 October 2026
Date issued

Certificate of Analysis

Semax · Research Grade Peptide — Bacterial Endotoxin (LAL)

Issued by Verified Vials on the basis of testing carried out by an independent third-party laboratory, PeptideVerify.

01 PRODUCT

PRODUCT
Semax · Research Grade Peptide

INTENDED USE
Laboratory research use only

SUPPLIED BY
Verified Vials, Belfast, Northern Ireland

SAMPLE NAME ON LABORATORY RECORD
Semax

BATCH NUMBERS & EXPIRY
5 mg SEMX5-260626-A · 10 mg SEMX10-260626-A · Expiry 26 June 2029

02 RESULT

BACTERIAL ENDOTOXIN — LAL

0.120 EU/mL

Specification < 0.5 EU/mL

✓ PASS

The measured endotoxin concentration is below the specification recorded for this sample.

The specification is the limit set for this test, not a safety threshold.

03 TEST DETAILS

LABORATORY
PeptideVerify (independent of the supplier)

LABORATORY CERTIFICATE
PV-C9D61B-KAZS-5CC-ETX

LABORATORY CERTIFICATE ISSUED
20 June 2026

SERVICE
Bacterial Endotoxin (LAL)

METHOD
LAL Kinetic Turbidimetric

TEST DATE
20 June 2026

INSTRUMENT
210-073

LYSATE BATCH
092501B

SENSITIVITY (λ)
0.001 EU/mL

04 ASSAY VALIDITY & QUALITY CONTROL

CONTROL	RESULT	ACCEPTANCE	OUTCOME
Negative control (LRW)	Non-reactive	< λ	VALID
Positive product control (spike recovery)	98%	50–200%	PASS
Replicate precision (CV)	19%	≤ 25%	PASS
Standard curve (r)	0.9920	≥ 0.980	PASS

The laboratory reported the assay as valid: the negative control was non-reactive and the quality-control results were within range, indicating no interference (inhibition or enhancement). The result is reported in EU/mL only; endotoxin per mg is not stated because the vial mass was not independently verified by the laboratory. This is an analytical LAL result only. It is not a test of sterility, does not confirm that the sample is pyrogen-free, and is not an assessment of suitability for injection or for human or veterinary use.

05 VERIFICATION & AUTHORISATION

peptideverify.co.uk/verify/PV-C9D61B-KAZS-5CC-ETX

The analysis was carried out by PeptideVerify. Their certificate PV-C9D61B-KAZS-5CC-ETX is the source record for every figure on this page and can be checked at the address above or by scanning the code.

This document is issued by Verified Vials and summarises that laboratory record. It is not a PeptideVerify document.

AUTHORISED BY
Quality Control
Verified Vials
19 October 2026

SIGNATURE

For laboratory research use only. Not for human or veterinary use. This certificate relates to the sample as received by the laboratory and summarises the laboratory's reported findings for that sample. It is not a guarantee of other units or batches, is not a safety assessment, and is not medical advice. Where this summary and the laboratory record differ, the laboratory record prevails.