

Customer:
Pure Health Peptides

EA Sample ID: 26EA0724-023
Sample Name: Semax
Sample Type: Liquid
Batch/Lot: 26163001

Date Received:
07/27/2026
Date Completed:
08/03/2026



ETHOS
ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

Analysis Type	Method	Date Tested	Status	
Semax	HPLC	08/03/2026	Complete	
Bacterial Endotoxins	USP <85>	08/02/2026	Complete	
Microbiological	Petrifilm/qPCR	08/02/2026	Pass	

Serving Size: N/A

Label Claim Profile

Analyte	Result	Specification	LOD
Semax	51.98mg/bottle	50mg/bottle	0.01%
Identity of the analyte was confirmed by retention time concordance with a certified reference standard, per USP <621>.			

Bacterial Endotoxins (Gel-Clot: 1:10 Dilution)	<1.25 EU/ml	<5 EU/ml	$\lambda =$ 0.125 EU/mL
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NOTES:

LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION



Noel Samsum
Laboratory Director
3-Aug-2026

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

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Heavy Metal Analysis (USP <233>)

<u>Analyte</u>	<u>Result</u> (mcg/g)	<u>LOQ (ppm)</u>	<u>LOD (ppm)</u>	<u>Limit</u> (mcg/day)	<u>Pass/Fail</u>
Arsenic	Not Tested	0.010	0.005	0.5	-
Cadmium	Not Tested	0.010	0.005	0.1	-
Lead	Not Tested	0.010	0.005	0.5	-
Mercury	Not Tested	0.010	0.005	0.1	-

Microbiological Analysis (USP <61>, USP <62>)

<u>Microbe</u>	<u>Result</u>	<u>Limit</u>	<u>Pass/Fail</u>
Total Aerobic Plate	<10 CFU/g	<100 CFU/g	Pass
Coliform	<10 CFU/g	<10 CFU/g	Pass
Bile-Tolerant Gram-Negative Bacteria	<10 CFU/g	<10 CFU/g	Pass
Yeast and Mold	<10 CFU/g	<10 CFU/g	Pass
Escherichia Coli	Negative/1g	Negative/1g	Pass
Salmonella	Negative/1g	Negative/1g	Pass
Staphylococcus Aureus	Negative/1g	Negative/1g	Pass

NOTES:

CFU = Colony Forming Unit
NS = Not Specified
NT = Not Tested

LOQ = Limit of Quantification
LOD = Limit of Detection



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