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CLIENT NAME
Peptide Warehouse Ltd.

CERTIFICATE OF ANALYSIS

Semax

Semax: 30.9 mg



REPORT ID
YQYS72
ISSUED
September 10, 2026

01 Sample Information

Compound: Semax

Report No.: YQYS72

Lot #: 3009Q

Appearance: Lyophilized powder

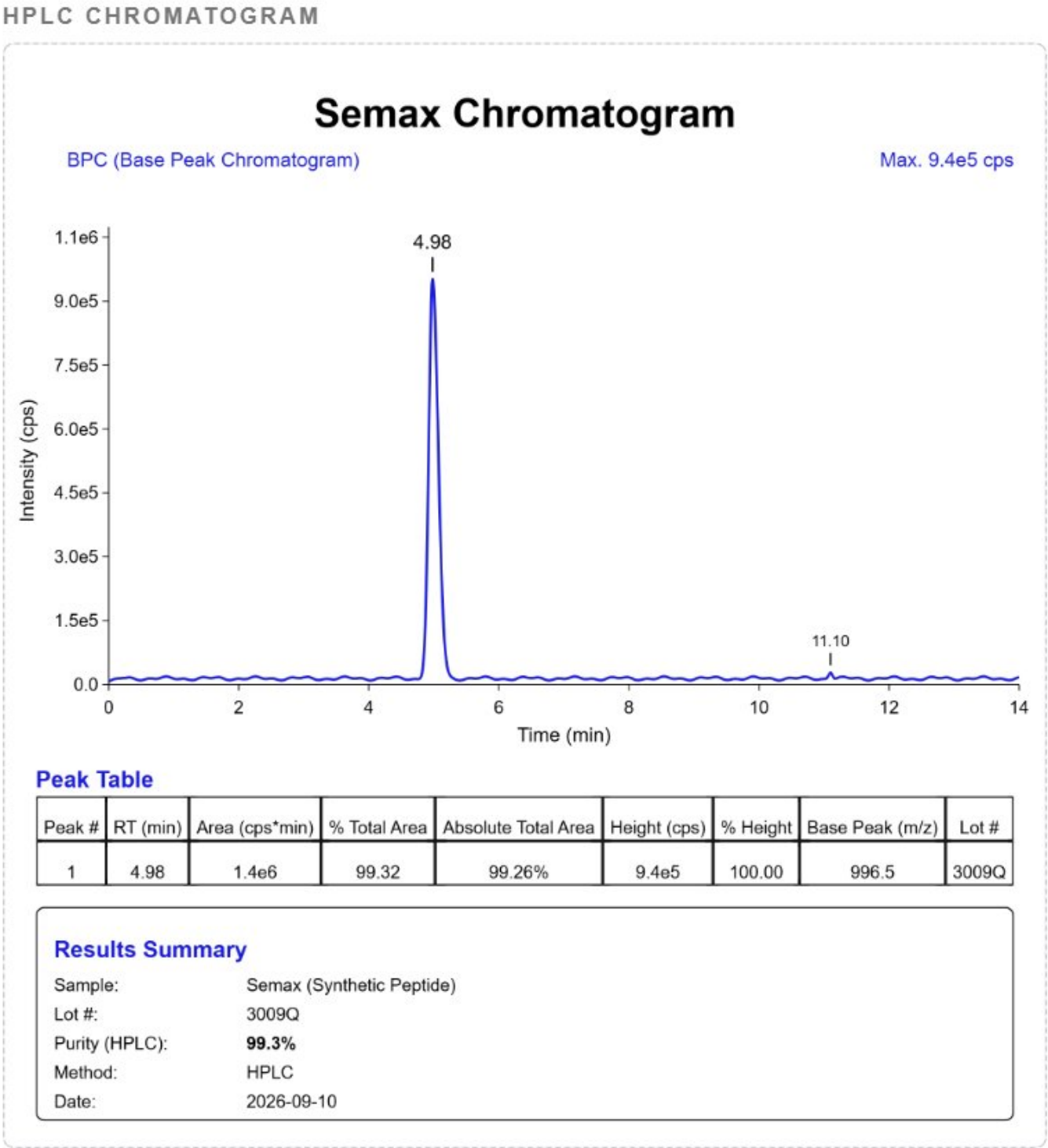
Received: 09/07/2026

Analyzed: 09/10/2026

Components: 1 peptide

Total Claim: 30.00 mg

Total Net: 30.90 mg



02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · ACQUITY Arc ULPC + ACQUITY QDa II Mass Detector

PEPTIDE	NET CONTENT	CHROM. PURITY	OBSERVED MW
Semax	30.90 mg	99.3 %	813.9 Da
TOTAL NET CONTENT	30.90 mg	—	—

03 Heavy Metals Analysis

ICP-MS · ICH Q3D Class 1 · Parenteral limit

ELEMENT	RESULT	LIMIT (µg/g)	STATUS
Pb Lead	Undetected	5	✓ Pass
Cd Cadmium	Undetected	2	✓ Pass
As Arsenic	Undetected	15	✓ Pass
Hg Mercury	Undetected	3	✓ Pass

Units µg/g (ppm) · Class-1 (Pb, Cd, As, Hg) limit = ICH Q3D Parenteral PDE · Undetected = below limit of quantitation (LOQ)

04 Endotoxin Analysis

Kinetic Chromogenic LAL/TAL Endotoxin Test (USP <85>)

ELEMENT	RESULT	LIMIT	STATUS
Endotoxin Bacterial (LAL)	0.01 EU/mg	< 0.15 EU/mg	✓ Pass

Kinetic chromogenic LAL/TAL test per USP <85> · EU/mg = endotoxin units per mg of material

DISCLAIMER · RESEARCH USE ONLY

Results relate only to the sample as received by the testing laboratory and the tests performed, as and when received — not to any other unit, vial, lot, or batch, and not to any other product bearing the same name, label, or description. This report is not a verification of any lot or batch. For research use only: this report is not a certificate of quality, safety, efficacy, or regulatory compliance; the material tested is not authorized by Health Canada for human or veterinary use; and this report is not for human or veterinary administration, clinical or diagnostic use, or label claims. The testing laboratory does not manufacture, source, or sell the material tested and makes no warranty, express or implied; its liability shall not exceed the testing fee. This report may not be reproduced except in full, and may not be reproduced, displayed, quoted, or referenced — in whole or in part, including by any badge, seal, or link — in connection with the advertising, offer for sale, sale, or distribution of any product. This certificate is valid only as currently shown at prismlab.com/verify and may be withdrawn.