Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-AAGBAFD8

Sample ID: **SMX-065**

REPORTED October 16, 2026

CLIENT

VERIFY	peptidetestcanada.ca/verify
EMAIL	info@peptidetestcanada.ca
ORDER #	PTC-482170

END CUSTOMER

NAME	nexgenamino.com
	info@nexgenamino.com

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**SMX-065**	Received:	**10/07/2026**
Compound:	**Semax**	Analyzed:	**10/16/2026**
Report No.:	**COA-2026-SC-04056**	CAS:	**80714-61-0**
Appearance:	**Lyophilized vial**	Formula:	**$C_{37}H_{51}N_9O_{10}S$**
		Mol Weight:	**813.9 g/mol**

SAMPLE PHOTOGRAPH



§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT
Compound Test:	Semax	**Semax**
Net Peptide Content:	10.00 mg	**10.20 mg**
Peptide Fill Accuracy:	≥ 90 %	**102.0 %**
Chromatographic Purity:	≥ 98 %	**99.7 %**

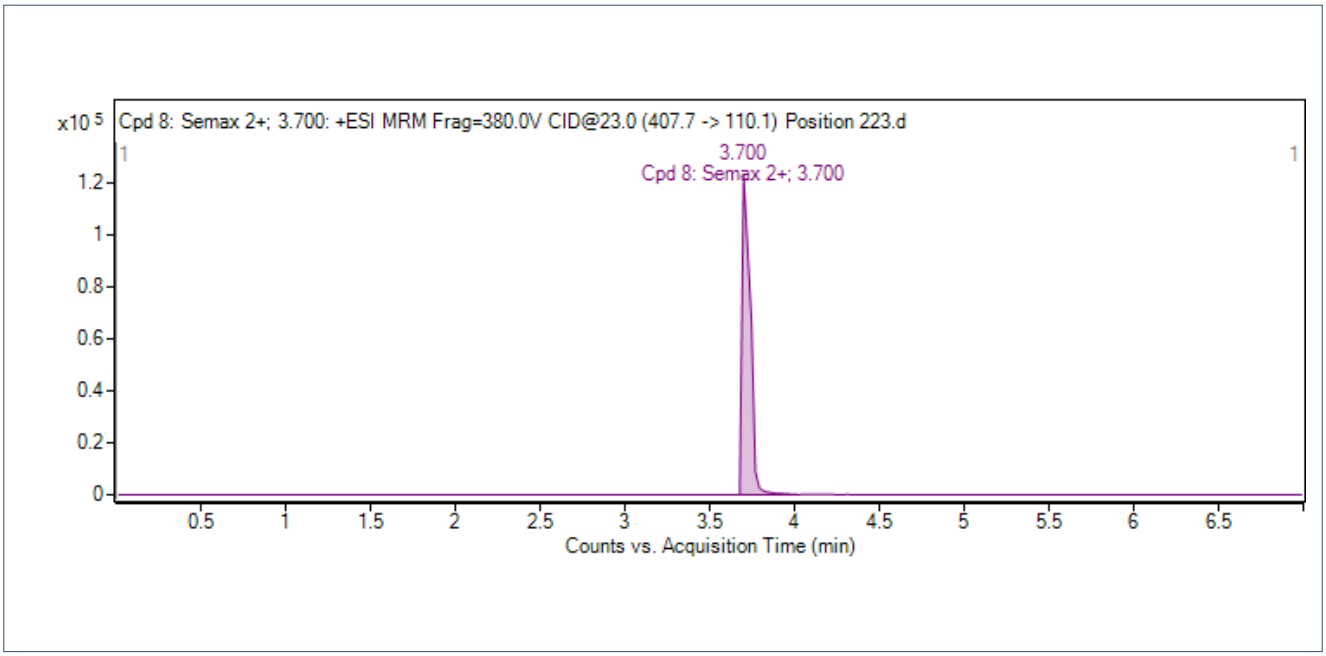
Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). **—** means not determined.

DISCLAIMER · RESEARCH USE ONLY
Results relate **only to the sample as received** by Side-Chain Analytics Inc. 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. Side-Chain Analytics Inc. 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 report may be withdrawn.

§ 03 Chromatogram — Semax

Instrument acquisition — HPLC-MS/MS (MRM). Chromatographic trace as acquired for this sample.



Semax