

ChromIQ Analytical Laboratory

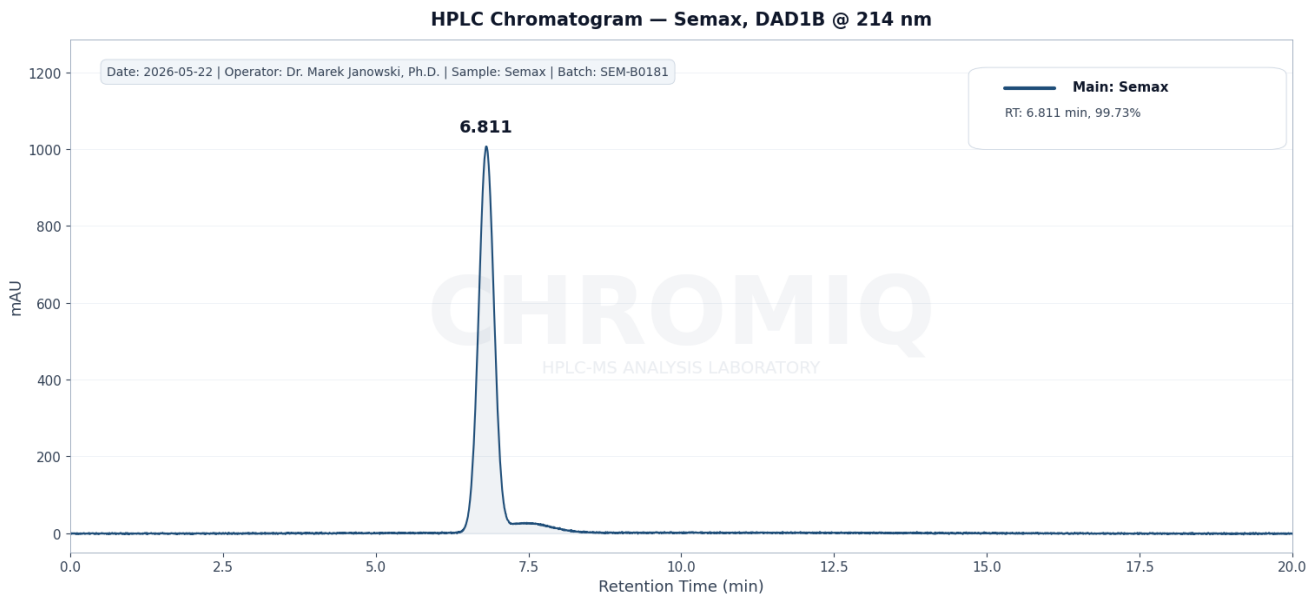
HPLC-MS Quality Control & Peptide Purity Analysis

Website: chromiq.com | Email: qc@chromiq.com

PRODUCT DATA

Product	Semax	Batch	SEM-B0181
CAS	80714-61-0	Formula	C37H51N9O10S
Appearance	White lyophilized powder	Mol. Wt.	813.92 g/mol
Quantity	10 mg / vial	Purity	99.73%
Content	10.08 mg	Analysis Method	RP-HPLC, UV 214 nm C18, 100 × 2.1 mm, 2.7 Flow: 0.40 mL/min Gradient: 5-95% ACN over 20 min Inj.: 10.0 µL
Analysis Conducted	2026-05-22	Principal Chemist	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	Storage	Store at -20 °C, protect from light
QC Status	PASS — conforms to specification	Report No.	CIQ-RPT-B0181

HPLC CHROMATOGRAM



Method: RP-HPLC, UV 214 nm | C18, 100 × 2.1 mm, 2.7 µm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Inj.: 10.0 µL

Signal: UV 214 nm Detector: DAD1B

Mobile Phase: H2O/ACN + 0.1% TFA

Dr. Marek Janowski, Ph.D.

Principal Chemist · 2026-05-22

A. Reynolds, QA Manager

Quality Assurance · 2026-05-23

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