SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-02961
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CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Semaglutide

10 mg

Client: **Luxe Peptides**
LAB ID SEM-018_D ISSUED SEPTEMBER 28, 2026

§ 01 Sample Information

Sample ID:	**SEM-018_D**
Compound:	**Semaglutide**
Report No.:	**COA-2026-SC-02961**
Total Mass:	**57.1 mg**
Appearance:	**Lyophilized powder**
Received:	**09/18/2026**
Analyzed:	**09/28/2026**
CAS:	**910463-68-2**
Formula:	$C_{187}H_{291}N_{45}O_{59}$
Mol Weight:	**4111.6 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY
Semaglutide
Principal component confirmed against reference standard

NET PEPTIDE CONTENT
10.92 mg
Total peptide in the vial as received

PEPTIDE FILL ACCURACY
109.2 %
Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY
99.5 %
Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 1029.4 › 1302.6 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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