



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Tesamorelin

10 mg

Client: **Luxara Research Company - LuxaraLabs.com**
LAB ID TES-105_D ISSUED SEPTEMBER 10, 2026

§ 01 Sample Information

Sample ID: **TES-105_D**
Compound: **Tesamorelin**
Report No.: **COA-2026-SC-02308**
Lot Number: **127651**
Total Mass: **72.9 mg**
Appearance: **Lyophilized powder**
Received: **09/01/2026**
Analyzed: **09/10/2026**
CAS: **218949-48-5**
Formula: **C₂₂₁H₃₆₆N₇₂O₆₇S**
Mol Weight: **5135.9 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	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
Tesamorelin Principal component confirmed against reference standard	11.10 mg Total peptide in the vial as received	111.0 % Measured net content ÷ declared label claim	99.6 % Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 1028.7 > 136.1 (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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