



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Epitalon

10 mg

Client: **Northern Research Supply**
LAB ID EPI-045_D ISSUED SEPTEMBER 16, 2026

§ 01 Sample Information

Sample ID: **EPI-045_D**
Compound: **Epitalon**
Report No.: **COA-2026-SC-02528**
Total Mass: **52.8 mg**
Appearance: **Lyophilized powder**
Received: **09/10/2026**
Analyzed: **09/16/2026**
CAS: **307297-39-8**
Formula: **C₁₄H₂₂N₄O₉**
Mol Weight: **390.1 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

Epitalon

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

11.42 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

114.2 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.8 %

Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 391.1 > 70.1 (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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