



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Pinealon

10 mg

Client: **Northern Research Supply**
LAB ID PIN-005_D ISSUED SEPTEMBER 17, 2026

§ 01 Sample Information

Sample ID: **PIN-005_D**
Compound: **Pinealon**
Report No.: **COA-2026-SC-02526**
Total Mass: **60.9 mg**
Appearance: **Lyophilized powder**
Received: **09/10/2026**
Analyzed: **09/17/2026**
CAS: **175175-23-2**
Formula: **C₁₅H₂₆N₆O₈**
Mol Weight: **418.2 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
Pinealon Principal component confirmed against reference standard	10.74 mg Total peptide in the vial as received	107.5 % Measured net content ÷ declared label claim	99.5 % Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 419.2 > 175.1 (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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