

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

NAD⁺

1000 mg

LAB ID NAD-057_D ISSUED SEPTEMBER 1, 2026 PREPARED FOR MAPLE RESEARCH LABS

§ 01 Sample Information

Sample ID: **NAD-057_D**
Compound: **NAD⁺**
Report No.: **COA-2026-SC-01771**
Lot Number: **082126**
Total Mass: **1.245 g**
Appearance: **Lyophilized powder**
Received: **08/25/2026**
Analyzed: **09/01/2026**
CAS: **53-84-9**
Formula: **C₂₁H₂₇N₇O₁₄P₂**
Mol Weight: **663.4 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

NAD⁺

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

1211.63 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

121.2 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.9 %

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

Identity confirmation criteria — MRM 664.1 > 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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SCAN TO VERIFY
COA-2026-SC-01771
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