

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

5-Amino-1MQ

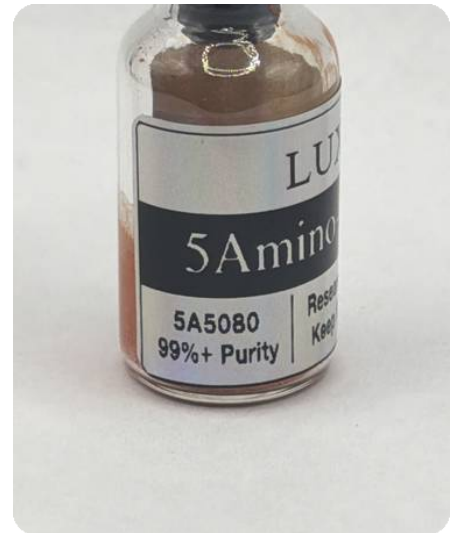
50 mg

Client: **Luxara Research Company - LuxaraLabs.com**

LAB ID AMQ-013_D ISSUED SEPTEMBER 3, 2026

§ 01 Sample Information

Sample ID: **AMQ-013_D**
Compound: **5-Amino-1MQ**
Report No.: **COA-2026-SC-01990**
Lot Number: **5A5080**
Total Mass: **150.6 mg**
Appearance: **Lyophilized powder**
Received: **08/26/2026**
Analyzed: **09/03/2026**
CAS: **42464-96-0**
Formula: **C₁₀H₁₁N₂ · l**
Mol Weight: **286.1 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

5-Amino-1MQ

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

55.74 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

111.5 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.7 %

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

Identity confirmation criteria — MRM 159.1 > 142.1 (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.

DISCLAIMER · RESEARCH USE ONLY

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SCAN TO VERIFY
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