SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-04269
sidechainanalytics.com/verify

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

5-Amino-1MQ

5 mg · CAS 42464-96-0 · $C_{10}H_{11}N_2.I$ · 286.1 g/mol

Client: **PR**

SAMPLE ID **AMQ-052_D** ISSUED OCTOBER 25, 2026

§ 01 Sample Information

Report No.:	**COA-2026-SC-04269**
Appearance:	**Lyophilized powder**
Received:	**10/15/2026**
Analyzed:	**10/25/2026**



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
Confirmed	**6.36 mg**	**127.2 %**	**99.8 %**
Principal component confirmed against reference standard	Total peptide in the vial as received	Measured net content ÷ declared label claim	Principal-component peak area (Ph. Eur. 2.2.46)

Chromatographic purity is calculated by quantifying every peptide in the method and expressing the target peptide's concentration as a percentage of the total peptide concentration measured — the target against all other peptide signal detected in the same sample. It is separate from net peptide content; this document contains **no pass/fail determination** against any specification or label claim.

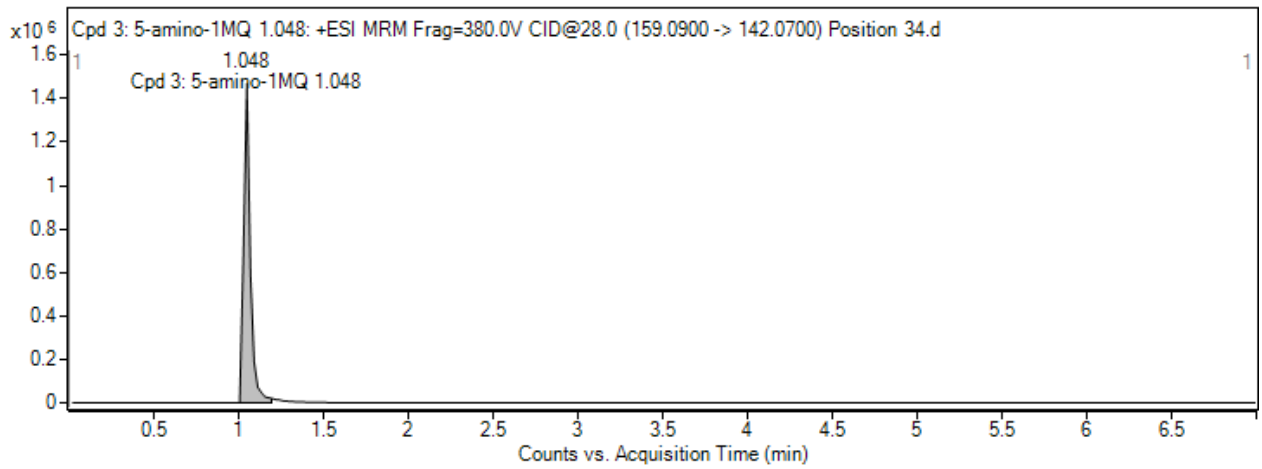
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§ 03 Chromatogram — 5-Amino-1MQ

Instrument acquisition — HPLC-MS/MS (MRM). Chromatographic trace as acquired for this sample.



5-Amino-1MQ