

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

5-Amino-1MQ - 5mg

Tested for: Value Research Labs

PASS

COA #: COA-2026-953883
Lot Number: VRL-9485675
Accession #: ACC-2026-6291
Labeled Content: 5mg

Analysis Date: 07/07/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/23/2026



Scan to verify
authenticity at ils-lab.com
Access Code: RAUL22PC

Method: Purity & Quant (HPLC), Endotoxin (USP <85>)

Identity

5-Amino-1MQ

Peptide Purity

99.98%

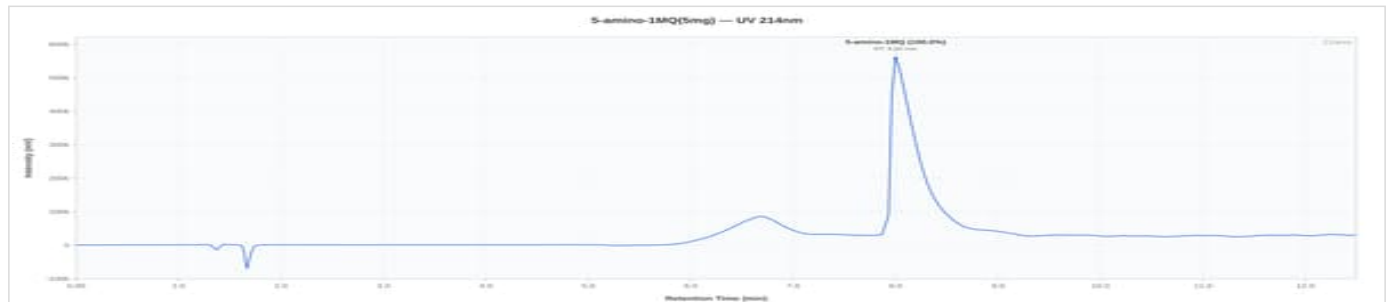


Fentanyl
Free

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.98%	%	PASS
Net Peptide Content	Report Only	5.37	mg	N/A
Identity (HPLC-RTM)	5-amino-1MQ	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



5-Amino-1MQ 5mg - VRL-9485675: UV Chromatogram

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

- Date Tested: 07/14/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be 5-Amino-1MQ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/14/2026

COA #: COA-2026-953883
Access Code: RAUL22PC
Verify: portal.ils-lab.com/verify/mq216SvS3olO4nUI
Issued: 7/14/2026