

ILS Laboratories

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

5-Amino-1MQ - 50mg



Tested for: ezPeps - Quality Research Peptides
<https://ezpeps.com>

COA #: COA-2026-B4B9KN
Lot Number: 26-M4-50AM / 5AM500401
Accession #: ACC-2026-2865
Concentration: 50mg
Sample Matrix: Lyophilized

Method: Full QC Panel
Analysis Date: 05/26/2026
Appearance: Good
Volume: 3mL
Received: 05/20/2026

PASS



Scan to verify
authenticity at ils-lab.com

Identity

5-Amino-1MQ

Purity

99.78%



Fentanyl
Free

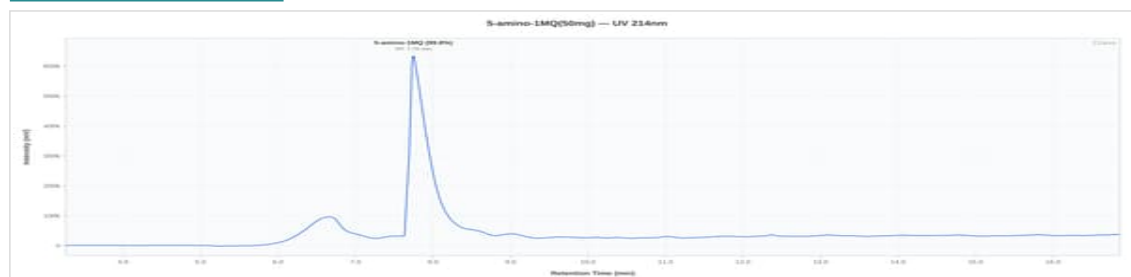
Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.78%	%	PASS
Net Peptide Content	Report Only	51.93	mg	N/A
Identity (ID)	5-Amino-1MQ	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



5-Amino-1MQ 50mg - 26-M4-50AM / 5AM500401

HPLC Chromatogram



5-Amino-1MQ 50mg - 26-M4-50AM / 5AM500401: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
5/26/2026

COA #: COA-2026-B4B9KN
Access Code: PWWLUL1F
Verify: <portal.ils-lab.com/verify/VBNE1T6pEPBeiKbL>
Issued: 5/26/2026



Certificate of Analysis

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Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.052 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: 05/26/2026. Methods: Full QC Panel.
- The sample was confirmed to be 5-Amino-1MQ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
- Endotoxin acceptance limits are product-specific. Results reported for client evaluation.



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Dr. Greg Kalyuzhny
Lab Director
5/26/2026

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