Certificate of Analysis

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

5-AMINO-MQ - 50mg

PASS

Tested for: NextGen Peptides
www.NGpeptide.com

COA #:	**COA-2026-NVYY_A**	Method:	**Full QC Panel**
Lot Number:	**AM50-3**	Analysis Date:	**05/10/2026**
Accession #:	**ACC-2026-2113**	Appearance:	**Good**
Concentration:	**50mg**	Volume:	**5mL**
Sample Matrix:	**Lyophilized**	Received:	**05/07/2026**

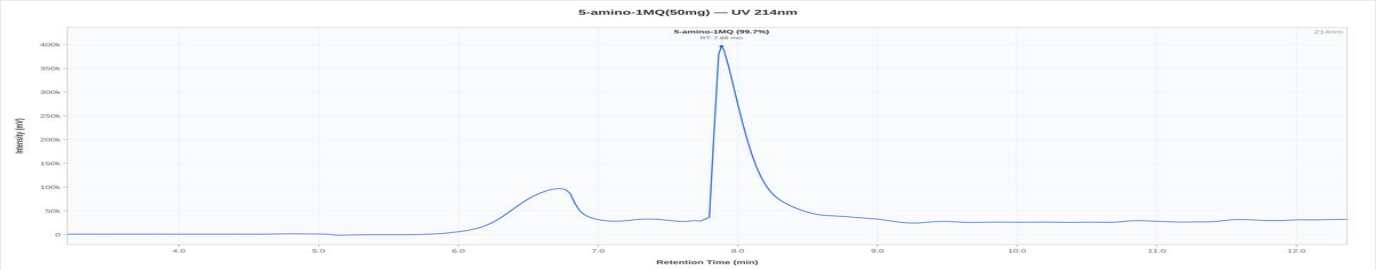
Scan to verify authenticity at ils-lab.com

Identity	Purity
5-AMINO-MQ	**99.72%**

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.72%**	%	**PASS**
Net Peptide Content	Report Only	**52.58**	mg	N/A
Identity (ID)	50-AMINO-MQ	**Confirmed**	-	**PASS**

HPLC Chromatogram



5-AMINO-MQ 50mg - AM50-3: 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
Lab Director
5/10/2026

COA #: COA-2026-NVYY_A
Access Code: **VAXFO6NO**
Verify: portal.ils-lab.com/verify/SMdsPDZVmdTIXegi
Issued: 5/10/2026

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Sterility Testing (PCR)

Test	Specification	Result	Unit	Status
Sterility (PCR)	No Growth	**No Growth**	-	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	**NMT 0.05 EU/mL**		**PASS**

Notes & Methodology

1. Date Tested: 05/10/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be 5-AMINO-MQ by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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 route-of-administration standard.

Dr. Greg Kalyuzhny
Lab Director
5/10/2026

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Issued: 5/10/2026