



SCAN TO VERIFY

Axiom Analytics Laboratories
2108 N St Ste N, Sacramento, CA 95816 US

AX-2026-4710-9TJC
5-Amino-1MQ · Lot CP012608222850L
Issued Oct 14, 2026 PT · v1
Verify: 8A99-F246-83DC

PASS — ALL SPECIFICATIONS MET

4 of 4 layers complete

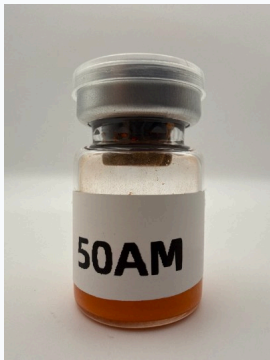
■ L1
Identity

■ L2
Purity

■ L3
Net Peptide Content

■ L4
Sterility

Sample & Vial Validation



Vial A: as received & analyzed

Brand	Repair Aminos	Product	5-Amino-1MQ
Lot / Batch	CP012608222850L	Label Claim	50 mg
Matrix	lyophilized powder	Sample Count	1
Vial Size	5mL	Cap Color	Clear
Crimp Color	Silver / Aluminum	Contents Color	Orange
Seal Intact	Yes	Condition	sealed, intact
Received	Oct 6, 2026 PT	Sampling	client submitted

Test Results

Test	Specification	Result	
Identity research screen	every vial within ± 1 Da of 159.212 Da	159.302 Da	PASS
Purity research screen	Expected ≥ 99.25 · Acceptance ≥ 99.25 · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.95%	PASS
Net Peptide Content research screen	every vial within $\pm 10\%$ of 50 mg	Vial A: 52.83 mg	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	Target DNA not detected	PASS

Layer Results

1 Identity LC-MS (ESI+)	159.302 Da every vial within ± 1 Da of 159.212 Da	PASS
Theoretical mass Vial A	159.212 Da 159.302 Da · PASS	Acceptance within ± 1 Da
159.302 Da PASS		



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2 Purity RP-HPLC 214nm (USP 621) Expected ≥ 99.25 · Acceptance ≥ 99.25 · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31 **99.95%** **PASS**

Acceptance $\geq 99.25\%$ Vial A **99.95% · PASS**
Criterion **Axiom Analytics SPEC-PURITY-001, Revision 1, effective**
source **2026-08-31**

99.95% PASS

limit 99.25%

3 Net Peptide Content Quantitative HPLC vs reference std **Vial A: 52.83 mg** **PASS**
every vial within $\pm 10\%$ of 50 mg

Target **50 mg ($\pm 10\%$)** Vial A **52.83 mg · PASS**

52.83 mg PASS

4 Sterility · Rapid PCR Rapid Microbial DNA Screen (qPCR target panel) **Target DNA not detected** **PASS**
Rapid PCR screen

Result **Target DNA not detected** Acceptance **Rapid PCR screen**

Target panel **Pan-bacterial 16S rRNA gene (VIC), Pan-fungal 18S rRNA gene (FAM)**

Run controls valid.



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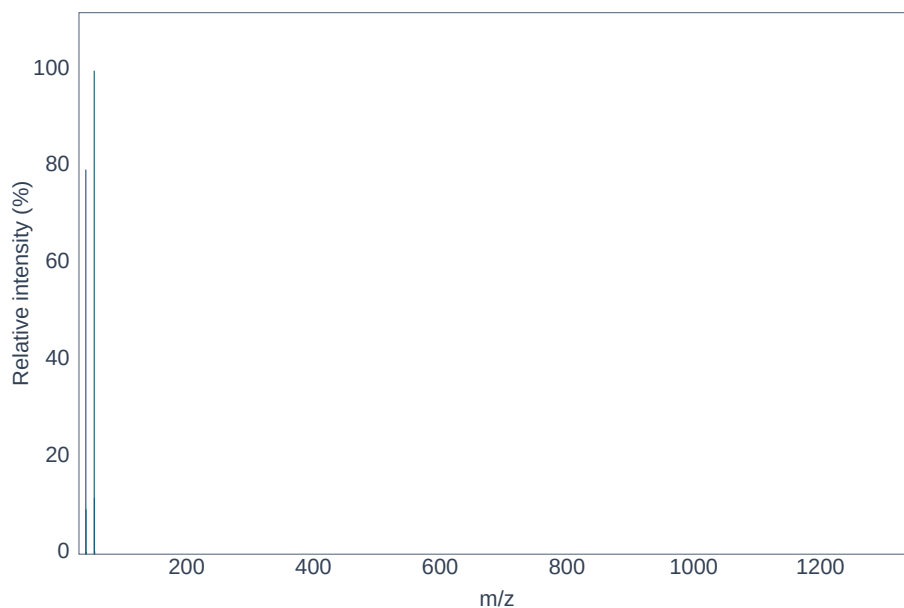
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LC-MS Mass Spectrum · Vial A · LC-MS (ESI+)



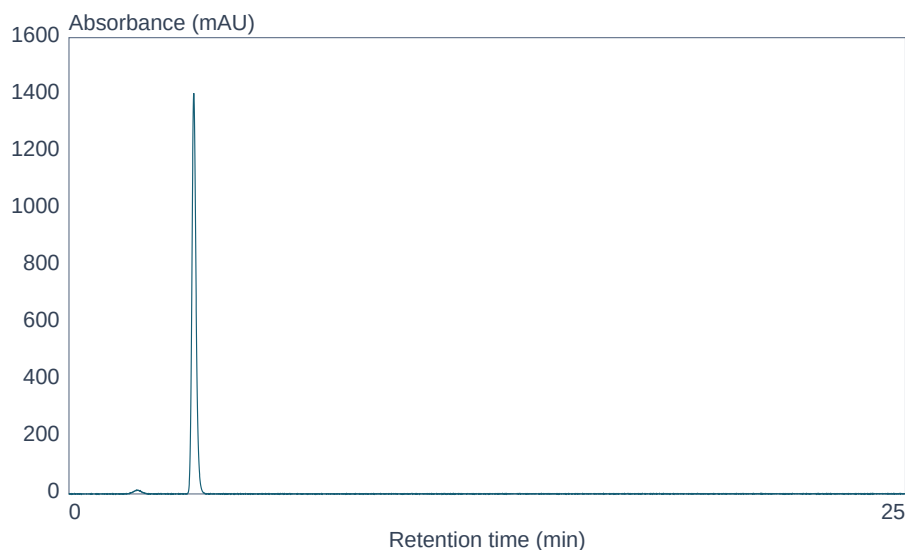
Recorded deconvoluted average mass: 159.302 Da

Charge Observed m/z Deconvoluted mass (Da) Relative intensity (%)

3+	54.107	159.300	100.0
4+	40.833	159.304	79.5



HPLC Chromatogram · Vial A · RP-HPLC 214 nm



Peak	Retention time (min)	Area %
1	3.390	0.022
2	3.730	99.950
3	4.105	0.009
4	4.663	0.020

Reporting Scope & Limitations

[Sterility · Rapid PCR] DNA-target research screen only. It detects microbial DNA from viable and non-viable organisms alike, and is neither viable-CFU enumeration under USP <61> nor a batch sterility determination under USP <71>.



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Digital Signatures

Analyst	Alana Reeves	Analyst Signature	ed25519:db30c82630bc0ef006fc1ccd...
Technical Reviewer	Michael Niles	Reviewer Signature	ed25519:1dbb41d11ab18604b0ff5f23...
Laboratory Director	Daniel Brennan	Director Signature	ed25519:7923dee4fab8a178e77b4520...

Where physical instrument analysis is performed, it takes place within Axiom Analytics' laboratory network, allocated at Axiom's discretion based on method, capacity, and order volume. Axiom Analytics performs sample accession, chain of custody, analytical oversight, and data review, and issues and is responsible for this certificate. Where analysis is subcontracted, the method is performed within the partner laboratory's published ISO/IEC 17025 scope of accreditation for that method, not merely at a laboratory holding ISO/IEC 17025 accreditation. Axiom Analytics does not itself currently hold ISO/IEC 17025 accreditation. The method-validation status of each reported result is identified beside that result. Partner laboratory identities are not disclosed: where samples are analyzed under double-blind conditions, they are identified only by an internal lot ID.

Each signature is an ed25519 signature over the SHA-384 hash of this report. Scan the QR on the letterhead or verify independently at <https://axiomanalyticslab.com/verify/AX-2026-4710-9TJC>.

✓ CRYPTOGRAPHICALLY SEALED (ed25519 + SHA-384)

SHA-384: 851b4045c9cddb314dcf92f6e092cd7a2d2e029dc0ae3ed1981f0f72ef16c1c5...

Seal: ed25519:e745436dab8696c3b10c752d99958c9b909ccf9a...

Results relate only to the item or portion tested. Unless sampling was performed or witnessed by Axiom Analytics, the laboratory does not attest that the submitted sample represents the wider lot or batch. A PASS designation means only that the reported result met the specification shown. It does not establish safety, efficacy, regulatory approval, legality, or suitability for human or animal use.

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