Axiom ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL + 1 ADD-ON LAYER (L8)

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

SCAN TO VERIFY

AX-2026-2954-WCQP

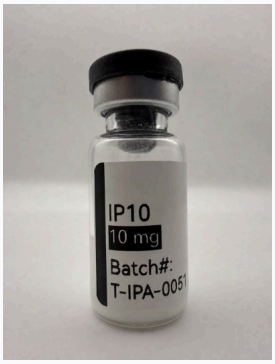
Ipamorelin · Lot T-IPA-0051
Issued Oct 1, 2026 · v1
Verify: BDBB-027C-8AFE

PASS — ALL SPECIFICATIONS MET

5 of 5 layers complete

L1	L2	L3	L4	L8
Identity	Purity	Net Peptide Content	Sterility	Fentanyl Screen

Sample & Vial Validation



Vial A: as received & analyzed

MORE VIEWS OF VIAL A



Vial A · right

Brand	**Research Vault Group**	Product	**Ipamorelin**
Lot / Batch	**T-IPA-0051**	Label Claim	**10 mg**
Matrix	**lyophilized powder**	Sample Count	**1**
Cap Color	**Black**	Crimp Color	**Silver / Aluminum**
Contents Color	**White**	Seal Intact	**Yes**
Condition	**sealed, intact**	Received	**Sep 24, 2026**
Sampling	**client submitted**		

Test Results

Test	Specification	Result	
Identity research screen	every vial within ±1 Da of 711.868 Da	`711.907 Da`	PASS
Purity research screen	≥ 99.25 area %	`99.53%`	PASS
Net Peptide Content research screen	every vial within ±10% of 10 mg	`Vial A: 10.13 mg`	PASS
Sterility · Rapid PCR research screen	Rapid PCR screen	`Target DNA not detected`	PASS
Fentanyl Screen research screen	no fentanyl or analog at or above 1 ng/mg	`none detected`	PASS

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.

Axiom
ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL + 1 ADD-ON LAYER (L8)

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

SCAN TO VERIFY

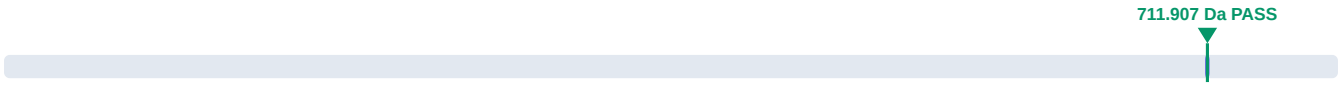
AX-2026-2954-WCQP

Ipamorelin · Lot T-IPA-0051
Issued Oct 1, 2026 · v1
Verify: BDBB-027C-8AFE

Layer Results

1 Identity — LC-MS (ESI+) — 711.907 Da (every vial within ±1 Da of 711.868 Da) — PASS

Theoretical mass	711.868 Da	Acceptance	within ±1 Da
Vial A	711.907 Da · PASS		



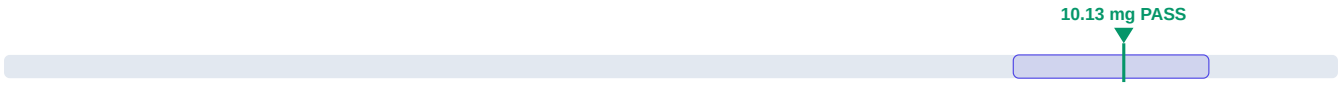
2 Purity — RP-HPLC 214nm (USP 621) — 99.53% (≥ 99.25 area %) — PASS

Acceptance	≥ 99.25%	Vial A	99.53% · PASS
Criterion source	Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31		



3 Net Peptide Content — Quantitative HPLC vs reference std — Vial A: 10.13 mg (every vial within ±10% of 10 mg) — PASS

Target	10 mg (±10%)	Vial A	10.13 mg · PASS



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

8 Fentanyl Screen — LC-MS/MS targeted adulterant screen — none detected (no fentanyl or analog at or above 1 ng/mg) — PASS

Result	Not detected	Detection limit	1 ng/mg
Analytes screened	Fentanyl, Acetylfentanyl, Acrylfentanyl, Butyrylfentanyl, Carfentanil, Cyclopropylfentanyl, Furanylfentanyl, Methoxyacetylfentanyl, ortho-Fluorofentanyl, Valerylfentanyl, 4-ANPP (despropionyl fentanyl)	Source container	A

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.

Axiom
ANALYTICS

CERTIFICATE OF ANALYSIS · 4X ESSENTIAL PANEL + 1 ADD-ON LAYER (L8)

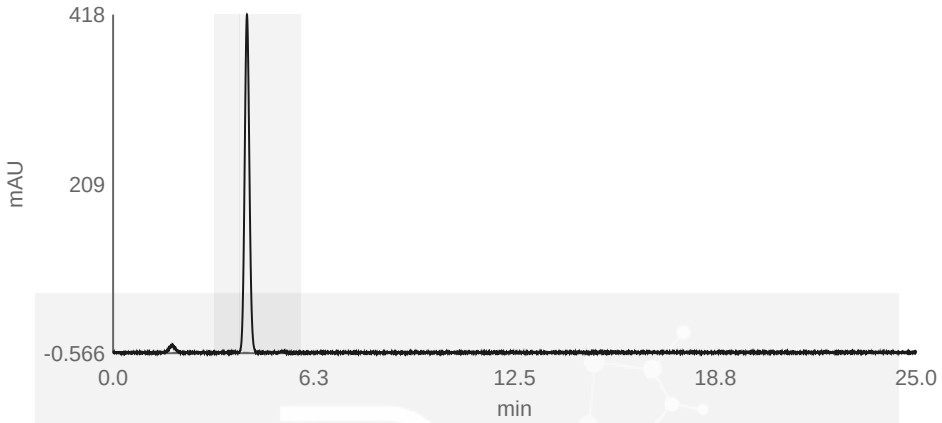
Axiom Analytics Laboratories
2108 N St Ste N, Sacramento, CA 95816 US

SCAN TO VERIFY

AX-2026-2954-WCQP

Ipamorelin · Lot T-IPA-0051
Issued Oct 1, 2026 · v1
Verify: BDBB-027C-8AFE

HPLC Trace · Vial A · RP-HPLC 214 nm (7501 points)



Peak	Retention time (min)	Area %
1	3.938	0.114
2	4.167	99.530
3	5.283	0.356

Reporting Scope & Limitations

`[Sterility · Rapid PCR]` Rapid PCR screen for microbial DNA. It detects DNA from live and dead organisms and is not a USP <71> sterility test or a USP <61> count. Full USP <71> sterility testing is available as an add-on.

`[Fentanyl Screen]` Targeted LC-MS/MS adulterant screen, reported as detected or not detected against its stated detection limit. A harm-reduction research screen, not an exhaustive adulterant panel.

Digital Signatures

Analyst	**Alana Reeves**	Analyst Signature	**ed25519:46337ddd33e5e28cfa9c5541...**
Technical Reviewer	**Michael Niles**	Reviewer Signature	**ed25519:078eb90b6102b1bdde78cfb2...**
Laboratory Director	**Daniel Brennan**	Director Signature	**ed25519:89d69646f41ea1200006246e...**

Testing is performed within Axiom's laboratory network under Axiom's methods. Every result is reviewed and released by Axiom, which issues and is responsible for this certificate. Axiom Analytics does not hold ISO/IEC 17025 accreditation. Samples are identified to the testing laboratory by an internal lot ID only. The method status of each result is shown beside it.

Each signature is an Ed25519 signature over the SHA-384 hash of this report. Scan the QR code or verify it yourself at https://axiomanalyticslab.com/verify/AX-2026-2954-WCQP.

Presentation corrected 2026-10-03; results and signatures unchanged.

✓ **CRYPTOGRAPHICALLY SEALED (ed25519 + SHA-384)**

`SHA-384: eba8dec8f5bf91127bd75bba06029bd3803b4c0bad46c8cabe1ec5b3c124af23...`

`Seal: ed25519:215ff6e4c338fea35e79732d5e5b4a13ddc4019e...`

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.

RESEARCH USE ONLY. All analytical testing, validation reports, and interactive Certificates of Analysis (COAs) provided by Axiom Analytics are intended strictly for Research Use Only (RUO) in in-vitro or laboratory animal model environments. Axiom Analytics does not analyze, validate, evaluate, or make any representations regarding the safety, efficacy, toxicity, or legality of any tested substance for human or animal consumption, veterinary use, clinical diagnostics, food additives, cosmetics, or household applications.

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.