Axiom
ANALYTICS

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

Axiom Analytics Labs LLC
Sacramento, California, USA

SCAN TO VERIFY

AX-2026-3019-NTJV

PRO-TSM / IPA · Lot T-TES-0104
Declared Tesamorelin 10 mg + Ipamorelin 2 mg per container
Issued Nov 12, 2026 PT
Verify: 760B-0399-B025

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



Photograph associated with this sample

MORE VIEWS OF VIAL A



Vial A · right

Brand	**Precise Research Only**	Product	**PRO-TSM / IPA**
Lot / Batch	**T-TES-0104**	Label Claim	**Tesamorelin 10 mg + Ipamorelin 2 mg per container**
Matrix	**Lyophilized powder**	Sample Count	**1**
Cap Color	**Black**	Crimp Color	**Silver / Aluminum**
Contents Color	**White**	Seal Intact	**-**
Condition	**sealed, intact**	Received	**Nov 3, 2026 PT**
Sampling	**client submitted**		

Test Results

Test	Specification	Result	
Identity research screen	every declared component within ±1 Da of its own theoretical mass	`2 of 2 components confirmed`	PASS
Purity research screen	each declared component at or above its own locked purity criterion	`Component mean 99.73%`	PASS
Net Peptide Content research screen	each declared component within its own locked content criterion, at the declared ratio	`12.14 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

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Layer Results

1 Identity

LC-MS (ESI+)

2 of 2 components confirmed
every declared component within ±1 Da of its own theoretical mass

PASS

Component	Its criterion	Observed	Status
Tesamorelin	5135.856 Da · acceptance ±1 Da · average	5135.843 Da · mass error -0.013 Da (-2.5 ppm)	PASS
Ipamorelin	711.868 Da · acceptance ±1 Da · average	711.862 Da · mass error -0.006 Da (-8.4 ppm)	PASS

Acceptance **within ±1 Da** Vial A **2 of 2 components confirmed**

2 Purity

RP-HPLC 214nm (USP 621)

Component mean 99.73%
each declared component at or above its own locked purity criterion

PASS

Component	Its criterion	Observed	Status
Tesamorelin	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.82%	PASS
Ipamorelin	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.64%	PASS

Acceptance **Each component NLT 99.25 area %** Vial A **Component mean 99.73% · PASS**

3 Net Peptide Content

Quantitative HPLC vs reference std

12.14 mg
each declared component within its own locked content criterion, at the declared ratio

PASS

Component	Its criterion	Observed	Status
Tesamorelin	9–11 mg	10.12 mg	PASS
Ipamorelin	1.8–2.2 mg	2.02 mg	PASS

Criterion source **Axiom SPEC-CONTENT-001**

4 Sterility · Rapid PCR

Rapid Microbial DNA Screen (qPCR target panel)

Target DNA not detected
Rapid PCR screen

PASS

Run controls valid.

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**

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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	**ed25519:1855cf7f8a1d88c9eb600471...**
Technical Reviewer	**Michael Niles**	Reviewer Signature	**ed25519:1eb665fedaf2df082abbca90...**
Laboratory Director	**Daniel Brennan**	Director Signature	**ed25519:c3d72e588ac975be7db75c73...**

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-2026-3019-NTJV.

CRYPTOGRAPHICALLY SEALED (ed25519 + SHA-384)

`SHA-384: 76257a0755a31d0fe4c3c6ce98e632c136e3c15109baafc662c5f262742c9a5c...`

`Seal: ed25519:cbb39cb371e353c3d0335e34f8393f360afe389a...`

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