



SCAN TO VERIFY

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

AX-2026-842-AMG4

NU-TESA (Tesamorelin) · Lot T-TES-0102
Issued Oct 1, 2026 · v1
Verify: 7DCE-61C2-607F

PASS — ALL SPECIFICATIONS MET

5 of 5 layers complete

■ L1
Identity

■ L2
Purity

■ L3
Net Peptide Content

■ L4
Sterility

■ L8
Fentanyl Screen

Sample & Vial Validation



Vial A: as received & analyzed

MORE VIEWS OF VIAL A



Vial A - right

Client	NU Biotech Labs	Product	NU-TESA (Tesamorelin)
Lot / Batch	T-TES-0102	Label Claim	40 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 5135.856 Da	5135.665 Da	PASS
Purity research screen	Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31	99.9%	PASS
Net Peptide Content research screen	every vial within $\pm 10\%$ of 40 mg	Vial A: 42.72 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

Layer Results



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1 Identity

LC-MS (ESI+)

1 physical-vial mass observation

each +/- 1 Da (theor. 5135.856)

PASS
Mass consistent with NU-TESA (Tesamorelin)

 Theoretical mass **5135.856 Da** Acceptance **+/- 1 Da**

Vial	Observed mass	Mass error	Status
Vial A	5135.665 Da	-0.191 Da	PASS

 5135.665 Da **PASS**
2 Purity

RP-HPLC 214nm (USP 621)

Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31

1 physical-vial purity observation
PASS

Expected Purity ≥ 99.25 area % · Acceptance NLT 99.25 area % · Units area % · Source Axiom Analytics SPEC-PURITY-001, Revision 1, effective 2026-08-31

Vial	Purity	Status
Vial A	99.9%	PASS

 99.9% **PASS**

limit 99.25%

3 Net Peptide Content

Quantitative HPLC vs reference std

42.72 mg

each within +/- 10% of 40 mg

PASS

 42.72 mg **PASS**

Vial	Measured	Status
Vial A	42.72 mg	PASS

4 Sterility

Rapid Microbial DNA Screen (qPCR target panel)

Sterility · Rapid PCR: Target DNA not detected

No microbial target DNA detected

PASS
Sterility · Rapid PCR
PASS

Result	Target DNA not detected	Specification	Rapid PCR screen
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8

Fentanyl Screen

LC-MS/MS targeted adulterant screen

Not detected

detection limit 1 ng/mg

PASS

Analytes
screened

**Fentanyl, Acetylfentanyl, Acrylfentanyl, Butyrylfentanyl,
Carfentanil, Cyclopropylfentanyl, Furanylfentanyl,
Methoxyacetylfentanyl, ortho-Fluorofentanyl,
Valerylfentanyl, 4-ANPP (despropionyl fentanyl)**

Detection limit

1 ng/mg

Source container

A

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>.

[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

ed25519:2552798aaa57bffc1ac4bd25...

Technical Reviewer

Michael Niles

Reviewer Signature

ed25519:518a4a15179350eb4a8b42ea...

Laboratory Director

Daniel Brennan

Director Signature

ed25519:bc0a22106a43deec09145d8...

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Seal: ed25519:d54e1b076fb3806449d758e5871b1a00fd533da4...

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