

ILS Laboratories

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

Tesamorelin / Ipamorelin - 10/3

Tested for: NextGen Peptides
www.NGpeptide.com

COA #: COA-2026-KSZYJN
Lot Number: TSPA-09
Accession #: ACC-2026-7178
Labeled Content: 10/3

Analysis Date: 07/08/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/30/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: YSHNSBCX

Method: Full QC Panel

Identity

Tesamorelin / Ipamorelin

Peptide Purity

99.75%

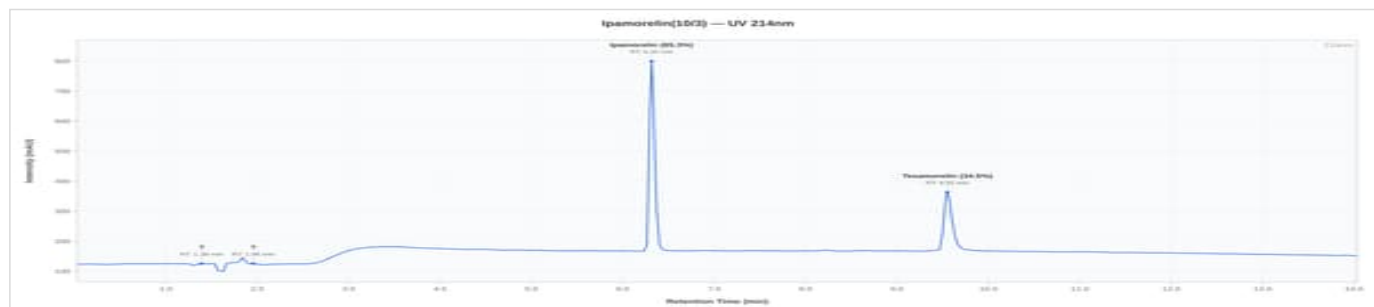


Fentanyl
Free

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.75%	%	PASS
Identity (HPLC-RTM)	TESAMORELIN + IPAMORELIN	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	Not Detected	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	Not Detected	ppm	PASS
Lead (Pb)	<= 1.0 ppm	Not Detected	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	Not Detected	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	Not Detected	ppm	PASS

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	13.78	mg	N/A
-- Tesamorelin		10.75	mg	



Dr. Greg Kalyuzhny

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Lab Director
7/8/2026

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Analyte	Specification	Result	Unit	Status
-- Ipamorelin		3.17	mg	

HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.75%	13.78 mg	Confirmed	PASS
Conformity V1	99.75%	13.73 mg	Confirmed	PASS
Conformity V2	99.75%	13.78 mg	Confirmed	PASS
Conformity V3	99.72%	13.72 mg	Confirmed	PASS
Mean	99.74%	13.75 mg	—	—
Std Dev	0.0130%	0.0277 mg	—	—

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.081 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 07/08/2026. Methods: Blend Purity & Quant (HPLC); Heavy Metals (ICP-MS); Additional Tests.
2. The sample was confirmed to be Tesamorelin / Ipamorelin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
5. Per-component content calculated from total net peptide content using the manufacturer's stated formulation ratio (Tesamorelin, Ipamorelin). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.
6. Chromatogram shown is representative: Dedicated V0 (99.75% purity, closest to batch mean of 99.74%).



Handwritten signature of Dr. Greg Kalyuzhny

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Lab Director
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