

ILS Laboratories

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(619) 329-3999 | ils-lab.com

Tesamorelin / Ipamorelin - 5mg/5mg



Tested for: Southern Aminos

31938 Temecula Pkwy, Suite A PMB #361 Temecula, CA 92592 | www.southernaminos.com

COA #: COA-2026-413176
Lot Number: TI100626A
Accession #: ACC-2026-5821
Labeled Content: 5mg/5mg

Analysis Date: 06/26/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/20/2026

PASS



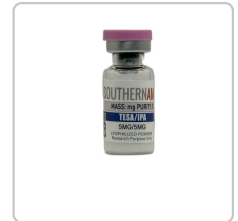
Scan to verify
authenticity at ils-lab.com
Access Code: 8HZS8378

Method: Full QC Panel

Identity	Peptide Purity
Tesamorelin / Ipamorelin	99.90%

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Identity (HPLC-RTM)	TESAMORELIN + IPAMORELIN	Confirmed	-	PASS

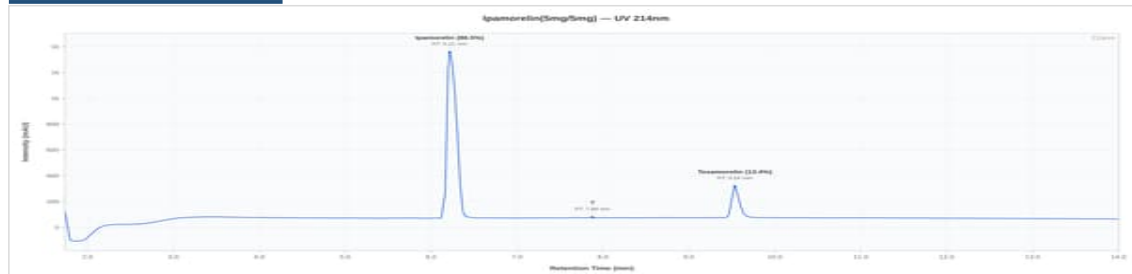


Tesamorelin / Ipamorelin 5mg/5mg - TI100626A

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	10.41	mg	N/A
-- Tesamorelin		5.18	mg	
-- Ipamorelin		5.23	mg	

HPLC Chromatogram



Representative chromatogram, Conformity V2 (99.88% purity, closest to batch mean of 99.88%)



Dr. Greg Kalyuzhny

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Lab Director
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Verify: portal.ils-lab.com/verify/dPYxKEImGnxugmMS
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HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.90%	10.41 mg	Confirmed	PASS
Conformity V1	99.86%	10.59 mg	Confirmed	PASS
Conformity V2	99.88%	10.54 mg	Confirmed	PASS
Conformity V3	99.89%	10.71 mg	Confirmed	PASS
Conformity V4	99.88%	10.5 mg	Confirmed	PASS
Conformity V5	99.87%	10.39 mg	Confirmed	PASS
Conformity V6	99.87%	10.66 mg	Confirmed	PASS
Conformity V7	99.89%	10.31 mg	Confirmed	PASS
Mean	99.88%	10.51 mg	—	—
Std Dev	0.0122%	0.1295 mg	—	—

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS

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	NMT 0.05 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

- Date Tested: 06/26/2026. Methods: Blend Purity & Quant (HPLC); Additional Tests.
- The sample was confirmed to be Tesamorelin / Ipamorelin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 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.
- 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.
- Chromatogram shown is representative: Conformity V2 (99.88% purity, closest to batch mean of 99.88%).




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