

## ILS Laboratories

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

## Tesamorelin / Ipamorelin - 12/3

Tested for: Atomik Labz

**PASS**



Scan to verify  
authenticity at ils-lab.com  
Access Code: 5DQAB45M

COA #: COA-2026-EAXFBQ  
Lot Number: TEIPF726  
Accession #: ACC-2026-7454  
Labeled Content: 12/3

Analysis Date: 07/28/2026  
Appearance: Good  
Sample Matrix: Lyophilized  
Date Received: 07/01/2026

Method: Full QC Panel

Identity

**Tesamorelin / Ipamorelin**

Peptide Purity

**99.70%**

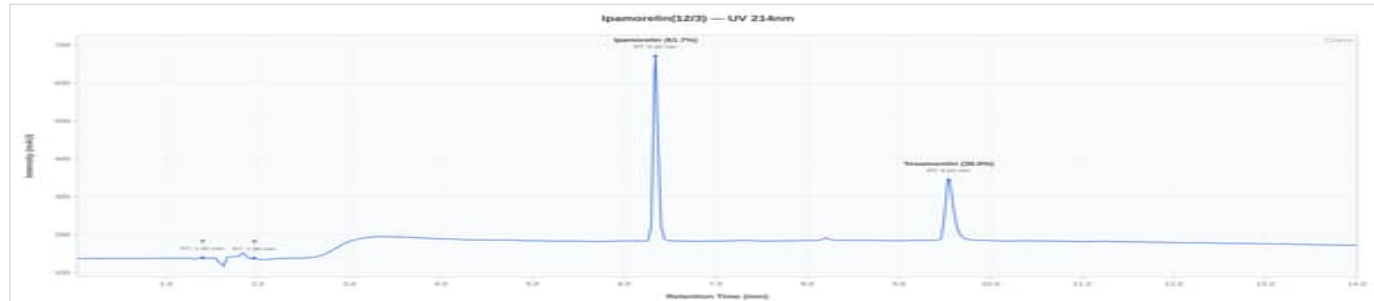


Fentanyl  
Free

### Full QC Panel

| Analyte                   | Specification                | Result       | Unit | Status |
|---------------------------|------------------------------|--------------|------|--------|
| Peptide Purity (HPLC)     | >= 95.0%                     | 99.70%       | %    | PASS   |
| Net Blend Peptide Content | Report Only                  | 15.34        | mg   | N/A    |
| -- Tesamorelin            |                              | 12.12        | mg   |        |
| -- Ipamorelin             |                              | 3.22         | mg   |        |
| Identity (HPLC-RTM)       | TESAMORELIN + IPAMORELIN     | Confirmed    | -    | PASS   |
| Fentanyl Screen           | Immunoassay, 50 ng/mL cutoff | Not Detected | -    | PASS   |

### HPLC Chromatogram



Tesamorelin / Ipamorelin 12/3 - TEIPF726: UV Chromatogram

### Heavy Metals Analysis (ICP-MS)

| Test          | Specification | Result       | Status |
|---------------|---------------|--------------|--------|
| Arsenic (As)  | NMT 1.5 ppm   | 0.449        | PASS   |
| Cadmium (Cd)  | NMT 0.5 ppm   | 0.315        | PASS   |
| Lead (Pb)     | NMT 1.0 ppm   | Not Detected | PASS   |
| Mercury (Hg)  | NMT 1.5 ppm   | 0.427        | PASS   |
| Chromium (Cr) | NMT 10.0 ppm  | 1.220        | PASS   |



*Dr. Greg Kalyuzhny*

Dr. Greg Kalyuzhny  
Lab Director  
7/28/2026

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Verify: <portal.ils-lab.com/verify/OnGEKGhT15tZ0zw8>  
Issued: 7/28/2026

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 | 0.123 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: 07/28/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Tesamorelin / Ipamorelin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. 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.
6. 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.



  
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Lab Director  
7/28/2026

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