

ILS Laboratories

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

Tesamorelin / Ipamorelin - 16mg

Tested for: PeptidePlugs
peptideplugs.com


COA #: **COA-2026-CHZ8XT**
Lot Number: **130-01-DK**
Accession #: **ACC-2026-3508**
Labeled Content: **16mg**

Method: **Full QC Panel**
Analysis Date: **06/09/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Date Received: **05/29/2026**

PASS



Scan to verify authenticity at ils-lab.com
Access Code: DMJHW54T

Identity	Peptide Purity	 Fentanyl Free
Tesamorelin / Ipamorelin	99.88%	

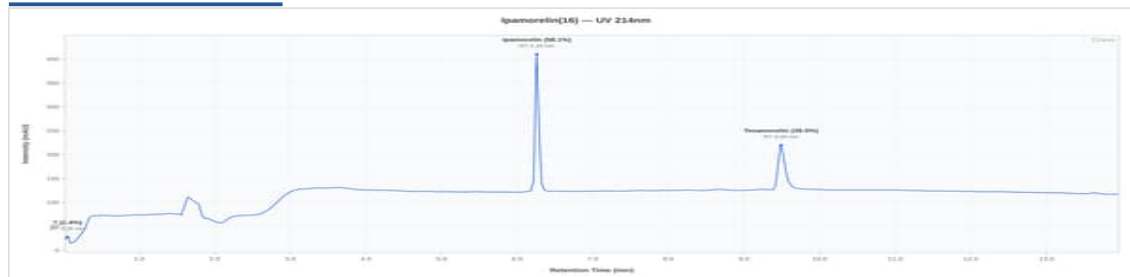


Tesamorelin / Ipamorelin 16mg - 130-01-DK

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.88%	%	PASS
Net Blend Peptide Content	Report Only	16.43	mg	N/A
-- Tesamorelin		12.65	mg	
-- Ipamorelin		3.78	mg	
Identity (HPLC-RTM)	TESAMORELIN + IPAMORELIN	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Tesamorelin / Ipamorelin 16mg - 130-01-DK: UV Chromatogram

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




Dr. Greg Kalyuzhny
Lab Director
6/9/2026

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Verify: portal.ils-lab.com/verify/XCEI3KIMBymSpTNY
Issued: 6/9/2026

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	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

1. Date Tested: 06/09/2026. 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.



Handwritten signature of Dr. Greg Kalyuzhny

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 Lab Director
 6/9/2026

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