Certificate of Analysis

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

Tesamorelin / Ipamorelin - 13mg

PASS

Tested for: Puratek Peptides
1810 E Sahara Ave. Suite #522 | puratekpeptides.com

COA #:	**COA-2026-GQHZ23**	Analysis Date:	**08/24/2026**
Lot Number:	**TESIPA13003**	Appearance:	**Good**
Accession #:	**ACC-2026-16873**	Sample Matrix:	**Lyophilized**
Labeled Content:	**13mg**	Volume:	**3mL**
		Date Received:	**08/20/2026**
Method:	**Full QC Panel**		

Scan to verify authenticity at ils-lab.com
Access Code: ZABU3J77

Identity
Tesamorelin / Ipamorelin

Peptide Purity
99.92%

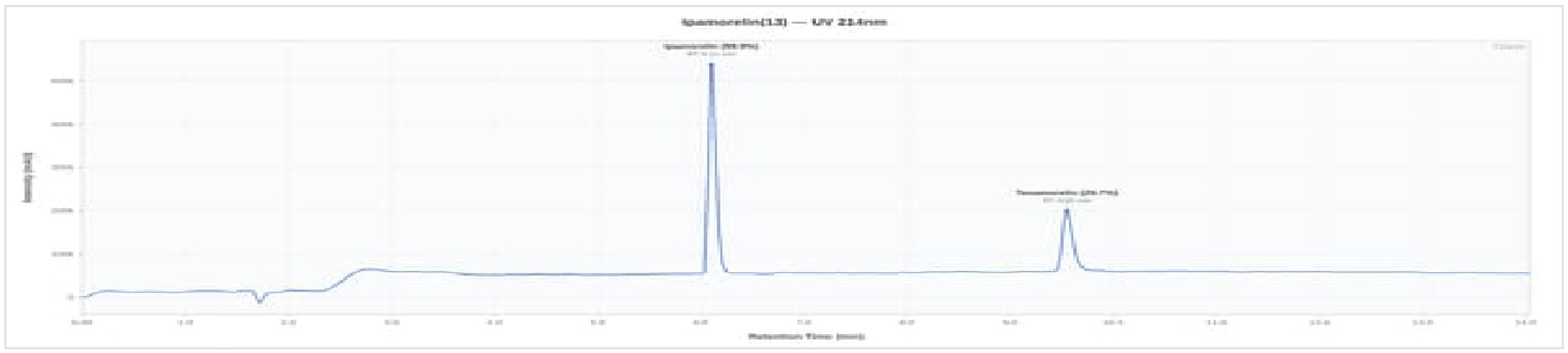
Fentanyl Free

Tesamorelin / Ipamorelin 13mg - TESIPA13003

Blend Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.92%**	%	**PASS**
Identity (HPLC-RTM)	TESAMORELIN + IPAMORELIN	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	**13.47**	mg	N/A
-- Tesamorelin		*10.37*	*mg*	
-- Ipamorelin		*3.10*	*mg*	

ilac-MRA PJLA Testing Accreditation No. 59423

Dr. Greg Kalyuzhny
Lab Director
8/24/2026

COA #: **COA-2026-GQHZ23**
Access Code: **ZABU3J77**
Verify: portal.ils-lab.com/verify/ZBsony7AlUW3sgf4
Issued: 8/24/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.76%	13.48 mg	Confirmed	**PASS**
Conformity V1	99.92%	13.47 mg	Confirmed	**PASS**
Mean	**99.84%**	**13.48 mg**	—	—
Std Dev	**0.0800%**	**0.0050 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**
Lead (Pb)	NMT 1.0 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10.0 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>)	NMT 0.5 EU/mL	**0.082 EU/mL**	**PASS**

Acceptance criteria: NMT 0.5 EU/mL per client specification.

Notes & Methodology

1. Date Tested: 08/24/2026. Methods: Blend Purity, Identity & Quantitation (HPLC); Additional Tests.
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 chromogenic 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.
7. Chromatogram shown is representative: Dedicated V0 (99.76% purity, closest to batch mean of 99.84%).
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

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