Certificate of Analysis

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

Ipamorelin - 10mg

PASS

Tested for: Southern Aminos
31938 Temecula Pkwy, Suite A PMB #361 Temecula, CA 92592 | www.southernaminos.com

COA #:	**COA-2026-9EXREH**	Method:	**Full QC Panel**
Lot Number:	**IP100526E**	Analysis Date:	**05/21/2026**
Accession #:	**ACC-2026-2397**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/13/2026**

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Identity	Purity	
Ipamorelin	**99.90%**	Fentanyl Free



Ipamorelin 10mg - IP100526E

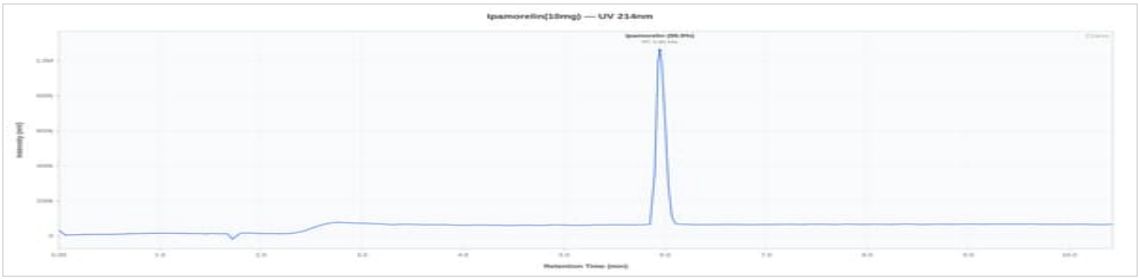
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.90%**	%	PASS
Net Peptide Content	Report Only	**10.65**	mg	N/A
Identity (ID)	Ipamorelin	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.06**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**0.08**	ppm	PASS
Lead (Pb)	<= 1.0 ppm	**0.45**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**0.31**	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	**0.64**	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V6 (99.87% purity, closest to batch mean of 99.86%)

Dr. Greg Kalyuzhny
Lab Director
5/21/2026

COA #: **COA-2026-9EXREH**
Access Code: **GGHYIUOS**
Verify: portal.ils-lab.com/verify/nqsOjx5nmLp-FvT-
Issued: 5/21/2026

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HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.84%	10.64 mg	Confirmed	PASS
Conformity V1	99.89%	10.29 mg	Confirmed	PASS
Conformity V2	99.82%	10.7 mg	Confirmed	PASS
Conformity V3	99.88%	10.46 mg	Confirmed	PASS
Conformity V4	99.90%	10.65 mg	Confirmed	PASS
Conformity V5	99.83%	10.71 mg	Confirmed	PASS
Conformity V6	99.87%	10.47 mg	Confirmed	PASS
Conformity V7	99.83%	10.4 mg	Confirmed	PASS
Mean	**99.86%**	**10.54 mg**	—	—
Std Dev	**0.0290%**	**0.1458 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	**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.

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Lab Director
5/21/2026

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Notes & Methodology

1. Date Tested: 05/21/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be Ipamorelin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin acceptance limits are product-specific. Results reported for client evaluation.
4. Chromatogram shown is representative: Conformity V6 (99.87% purity, closest to batch mean of 99.86%).

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Lab Director
5/21/2026

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