



Certificate of Analysis

BIOGENICA LABORATORIES

241 Molnar Dr Suite A1, Elmwood Park, NJ 07407
(201)791-7293

EPITHALON - 10MG

PASS

Tested for: Best Peptides Co



Scan to verify

Lot Number: **556567**
Accession #: **2609109999**
Concentration: **10MG**
Sample Matrix: **Lyophilized**

Analysis Date: **09/28/2026**
Appearance: **Good**
Volume:
Received: **09/10/2026**

Product

EPITHALON

Peptide Purity

99.7%

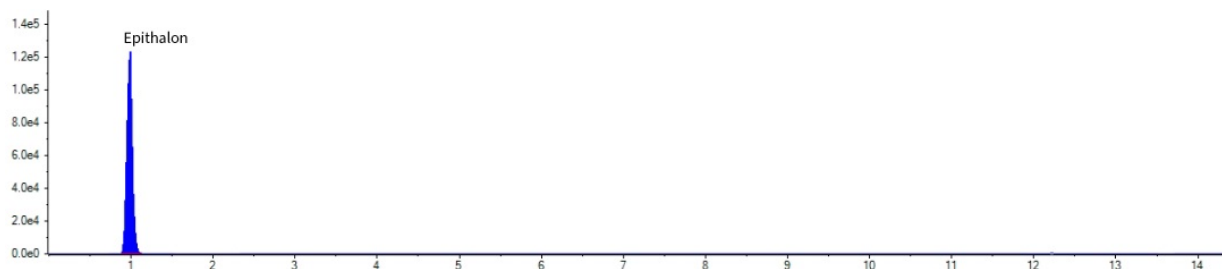


EPITHALON 10MG -
556567

PRODUCT PURITY & QUANTITY

Test	Specification	Result	Unit	Status
Peptide Purity (LC-MS/MS)	>=95	99.7	%	PASS
Net Peptide Content EPITHALON	Report Only	10	mg	N/A
Peptide Identity	EPITHALON	Confirmed	-	PASS
pH	Report Only	Within Normal Range	-	PASS

LC/MS-MS Chromatogram



Representative chromatogram, Dedicated V0 (closest to batch mean)

Seshamma Reddy

Seshamma T. Reddy, M.D.

Lab Director · 09/28/2026

Access Code: **KAR9FCH1MF**

Verify: <https://www.biogenicalabs.com/verify/KAR9FCH1MF>

Issued: **09/28/2026**

Page 1 of 4

CLIA Accredited 31D2063148 · This certificate relates only to the items tested. Results shall not be reproduced except in full without written approval.



Certificate of Analysis

BIOGENICA LABORATORIES

241 Molnar Dr Suite A1, Elmwood Park, NJ 07407
(201)791-7293

EPITHALON - 10MG

PASS

Tested for: Best Peptides Co



Scan to verify

Lot Number: **556567**
Accession #: **2609109999**
Concentration: **10MG**
Sample Matrix: **Lyophilized**

Analysis Date: **09/28/2026**
Appearance: **Good**
Volume:
Received: **09/10/2026**

LC-MS CONFORMITY TESTING RESULTS

Name	Purity	NPC	ID	Result
Sample 1	99.7 %	10 mg	Confirmed	PASS
Sample 2	99.7 %	10 mg	Confirmed	PASS
Mean	99.70 %	10.00 mg	—	—
Std Dev	0.0000 %	0.0000 mg	—	—

STERILITY TESTING (PCR)

Test	Specification	Result	Unit	Status
Sterility (PCR)	No Growth	No Growth	-	PASS

ENDOTOXIN (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	NMT 0.05	0.05	EU/mL	Reported

HEAVY METAL ANALYSIS

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

Seshamma Reddy

Seshamma T. Reddy, M.D.

Lab Director · 09/28/2026

Access Code: **KAR9FCH1MF**

Verify: <https://www.biogenicalabs.com/verify/KAR9FCH1MF>

Issued: **09/28/2026**

Page 2 of 4

CLIA Accredited 31D2063148 · This certificate relates only to the items tested. Results shall not be reproduced except in full without written approval.



Certificate of Analysis

BIOGENICA LABORATORIES

241 Molnar Dr Suite A1, Elmwood Park, NJ 07407
(201)791-7293

EPITHALON - 10MG

PASS

Tested for: Best Peptides Co



Scan to verify

Lot Number: **556567**
Accession #: **2609109999**
Concentration: **10MG**
Sample Matrix: **Lyophilized**

Analysis Date: **09/28/2026**
Appearance: **Good**
Volume:
Received: **09/10/2026**

FENTANYL PRESENCE ANALYSIS

Test	Specification	Result	Unit	Status
Fentanyl Presence	Presence	Not Detected	-	PASS

Test	Specification	Result	Unit	Status
Reconstitution Integrity Assessment	Report Only	Within Normal Range	-	PASS

Test	Specification	Result	Unit	Status
Redox Oxidation-Reduction Potential	Report Only	Within Normal Range	-	PASS

Seshamma Reddy

Seshamma T. Reddy, M.D.

Lab Director · 09/28/2026

Access Code: **KAR9FCH1MF**

Verify: <https://www.biogenicalabs.com/verify/KAR9FCH1MF>

Issued: **09/28/2026**

Page 3 of 4

CLIA Accredited 31D2063148 · This certificate relates only to the items tested. Results shall not be reproduced except in full without written approval.



Certificate of Analysis

BIOGENICA LABORATORIES

241 Molnar Dr Suite A1, Elmwood Park, NJ 07407

(201)791-7293

EPITHALON - 10MG

PASS

Tested for: Best Peptides Co



Scan to verify

Lot Number: 556567

Accession #: 2609109999

Concentration: 10MG

Sample Matrix: Lyophilized

Analysis Date: 09/28/2026

Appearance: Good

Volume:

Received: 09/10/2026

Notes & Methodology

- Date Tested:** 09/28/2026. Methods: LC-MS/MS, ICP-MS, PCR, USP <85>, pH
- Peak Identity Confirmation:** The primary chromatographic peak was confirmed as the target peptide by comparison of chromatographic retention time and mass spectral data with a qualified reference standard using LC-MS/MS.
- Primary Purity Test:** Peptide purity was evaluated by LC-MS/MS using chromatographic separation with Q1 full-scan mass analysis. The target peptide was confirmed by retention time and molecular mass, and purity was assessed by comparing the target peptide peak area to the total chromatographic peak area of detectable peptide-related components within the analytical method. This approach detects peptide impurities that differ in chromatographic retention time and/or molecular mass from the target peptide.
- Concentration Confirmation:** Peptide concentration was confirmed by quantitative LC-MS/MS using external calibration with qualified reference standards. Reported concentration represents the measured amount of the target peptide in the submitted sample.
- Variance Testing (Batch Consistency):** Multiple samples from the same production batch were analyzed by LC-MS/MS to evaluate manufacturing consistency. Batch uniformity was assessed by comparison of chromatographic retention time, mass spectral profile, purity, and measured concentration.
- pH Measurement:** Sample pH was measured using a calibrated laboratory pH meter under controlled laboratory conditions. The reported value represents the pH of the submitted sample at the time of analysis.
- Endotoxin Analysis:** Bacterial endotoxins were determined using the kinetic turbidimetric Limulus Amebocyte Lysate (LAL) assay in accordance with USP <85>. Results are reported in Endotoxin Units (EU) per vial or per milliliter, as applicable.
- Sterility Testing (TAMC/TYMC):** Total Aerobic Microbial Count (TAMC) and Total Yeast and Mold Count (TYMC) were determined using validated PCR-based microbiological methods. Results indicate the microbial quality of the submitted sample at the time of testing.
- Fentanyl Presence Analysis:** Samples were screened for fentanyl using validated LC-MS/MS analysis. Results are qualitative and indicate whether fentanyl was detected above the established laboratory reporting limit.
- Heavy Metals Analysis:** Elemental impurities, including arsenic (As), cadmium (Cd), chromium (Cr), lead (Pb), and mercury (Hg), were determined by ICP-MS. Acceptance criteria are based on established laboratory quality screening limits unless otherwise specified by the client or applicable regulatory requirements.
- Representative Chromatogram:** The chromatogram shown is representative of the analyzed sample and reflects the LC-MS/MS analysis used for peptide identity confirmation and purity evaluation. When multiple units are analyzed, the chromatogram displayed is representative of the tested batch.
- Reconstitution Integrity Assessment (RIA):** Sample physical characteristics including cake integrity, dissolution time, solution clarity, and foreign particulates were assessed under controlled lighting conditions in accordance with USP <790> and <1790> standards. The reported status represents the visual evaluation of the submitted sample at the time of analysis.
- Redox Measurement:** Sample oxidation-reduction potential was measured using a calibrated laboratory redox meter under controlled laboratory conditions. The reported value represents the redox potential of the submitted sample at the time of analysis.

Seshamma Reddy

Seshamma T. Reddy, M.D.

Lab Director · 09/28/2026

Access Code: KAR9FCH1MF

Verify: <https://www.biogenicalabs.com/verify/KAR9FCH1MF>

Issued: 09/28/2026

Page 4 of 4

CLIA Accredited 31D2063148 · This certificate relates only to the items tested. Results shall not be reproduced except in full without written approval.