

ILS Laboratories

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

Lipo-C - Not Reported

PASS



Tested for: NextGen Peptides
www.NGpeptide.com

COA #: COA-2026-5FD-NG
Lot Number: LIPO-02
Accession #: ACC-2026-2792
Concentration: Not Reported
Sample Matrix: Liquid/Solution

Method: Full QC Panel
Analysis Date: 05/25/2026
Appearance: Good
Volume: 10mL
Received: 05/19/2026



Scan to verify
authenticity at ils-lab.com

Identity

Lipo-C

Purity

99.86%



Fentanyl
Free

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.86%	%	PASS
Identity (ID)	L-CARNITINE + ARGININE + METHIONINE + INOSITOL + CHOLINE + B5 + B6 + B12	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V2 (99.83% purity, closest to batch mean of 99.83%)

HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	ID	Result
Dedicated V0	99.81%	Confirmed	PASS
Conformity V1	99.80%	Confirmed	PASS
Conformity V2	99.83%	Confirmed	PASS
Conformity V3	99.86%	Confirmed	PASS
Mean	99.83%	—	—
Std Dev	0.0229%	—	—



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
5/25/2026

COA #: COA-2026-5FD-NG
Access Code: VOP83DEA
Verify: portal.ils-lab.com/verify/67-x4lsJbMA-ETXw
Issued: 5/25/2026

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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

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: 05/25/2026. Methods: Blend Purity & Quant (HPLC).
2. The sample was confirmed to be Lipo-C 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 acceptance limits are product-specific. Results reported for client evaluation.
5. Per-component content calculated from total net peptide content using the manufacturer's stated formulation ratio (L-Carnitine, Arginine, Methionine, Inositol, Choline, B5, B6, B12). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.
6. Chromatogram shown is representative: Conformity V2 (99.83% purity, closest to batch mean of 99.83%).



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