Certificate of Analysis

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

IGF-1 LR3 - 1mg

PASS

Tested for: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412466**	Method:	**Full QC Panel**
Lot Number:	**GL-010125**	Analysis Date:	**05/18/2026**
Accession #:	**ACC-2026-2663**	Appearance:	**Good**
Concentration:	**1mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/18/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
IGF-1 LR3	**99.08%**	Fentanyl Free



IGF-1 LR3 1mg - GL-010125

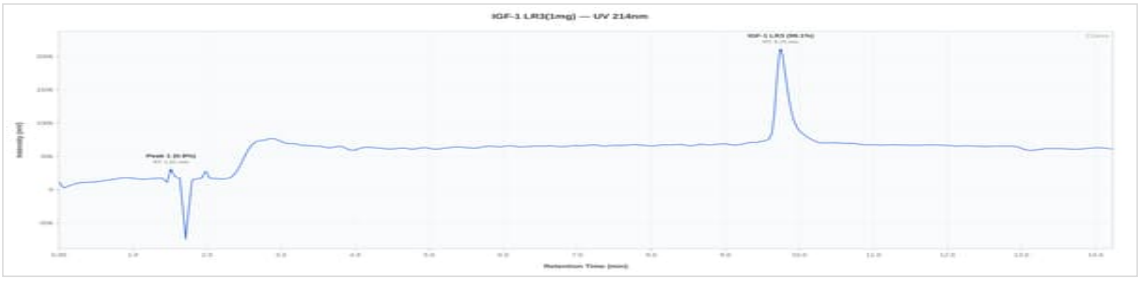
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.08%**	%	PASS
Net Peptide Content	Report Only	**1.03**	mg	N/A
Identity (ID)	IGF-1 LR3	**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	**0.6296 ppm**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**Not Detected**	ppm	PASS
Lead (Pb)	<= 1 ppm	**0.2873 ppm**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**Not Detected**	ppm	PASS
Chromium (Cr)	<= 10 ppm	**0.8147 ppm**	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V1 (98.27% purity, closest to batch mean of 98.43%)

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Dr. Greg Kalyuzhny
Lab Director
5/28/2026

COA #: **COA-2026-412466**
Access Code: **VAA8OKN8**
Verify: portal.ils-lab.com/verify/SAaYRkQThVKxq0ct
Issued: 5/28/2026

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HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.08%	1.03 mg	Confirmed	**PASS**
Conformity V1	98.27%	1.04 mg	Confirmed	**PASS**
Conformity V2	98.19%	1.04 mg	Confirmed	**PASS**
Conformity V3	98.19%	1.02 mg	Confirmed	**PASS**
Mean	**98.43%**	**1.03 mg**	—	—
Std Dev	**0.3753%**	**0.0083 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	**0.142 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.

Certificate Change History

ILS QA

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 05/28/2026.

Notes & Methodology

1. Date Tested: 05/18/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be IGF-1 LR3 by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. Chromatogram shown is representative: Conformity V1 (98.27% purity, closest to batch mean of 98.43%).

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Lab Director
5/28/2026

COA #: **COA-2026-412466**
Access Code: **VAA8OKN8**
Verify: portal.ils-lab.com/verify/SAaYRkQThVKxq0ct
Issued: 5/28/2026