Certificate of Analysis

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

IGF-1 LR3 - 1mg

Tested for: Northline Labs

PASS

COA #:	**COA-2026-N-2UKE**	Analysis Date:	**07/08/2026**
Lot Number:	**NLL-5439587**	Appearance:	**Good**
Accession #:	**ACC-2026-6294**	Sample Matrix:	**Lyophilized**
Labeled Content:	**1mg**	Vial Size:	**3mL**
		Date Received:	**06/23/2026**

Scan to verify authenticity at ils-lab.com
Access Code: KZ7ZWNFW

Method: **Purity & Quant (HPLC), Endotoxin (USP <85>)**

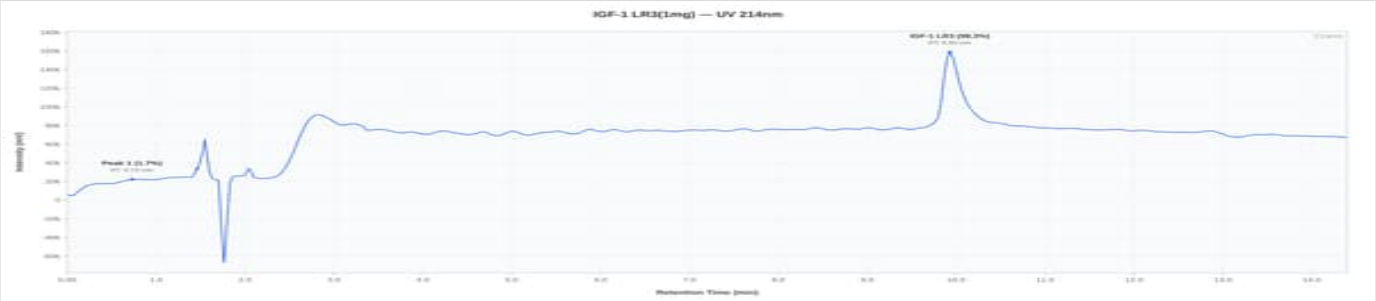
Identity	Peptide Purity	
IGF-1 LR3	**98.31%**	**Fentanyl Free**

IGF-1 LR3 1mg - NLL-5439587

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**98.31%**	%	**PASS**
Net Peptide Content	Report Only	**1.04**	mg	N/A
Identity (HPLC-RTM)	IGF-1 LR3	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



IGF-1 LR3 1mg - NLL-5439587: UV Chromatogram

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: 07/08/2026. Methods: Purity & Quant (HPLC).
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. 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.

Dr. Greg Kalyuzhny
Lab Director
7/8/2026

COA #: **COA-2026-N-2UKE**
Access Code: **KZ7ZWNFW**
Verify: portal.ils-lab.com/verify/x4blMqNDjDk6EQNx
Issued: 7/8/2026

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