



Client: Iron Within Research
Accession #: 2606250661
Search Code: Iron2606250661
Received: 06/25/2026
Reported: 06/29/2026
Lot: IWRI606

Sample Summary

Product:	IGF 1 - LR3 1mg	Purity:	99.68%
Identity:	Confirmed	Net Content:	1.33 mg
Appearance:	White Lyophilized Powder		
Fentanyl Screen:	Negative		

Analytical Results

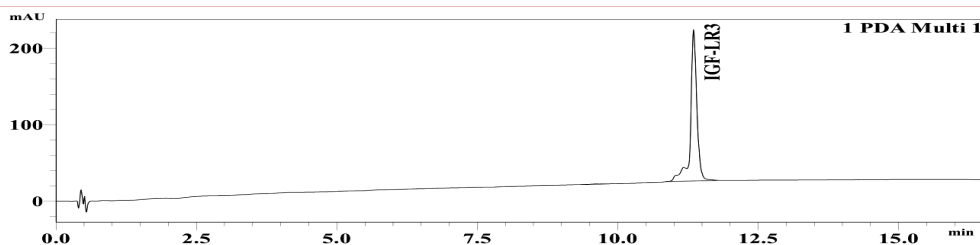
Test	Result
Identity (LC-MS)	IGF-LR3
Purity (HPLC-UV)	99.68%
Net Content	1.33 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

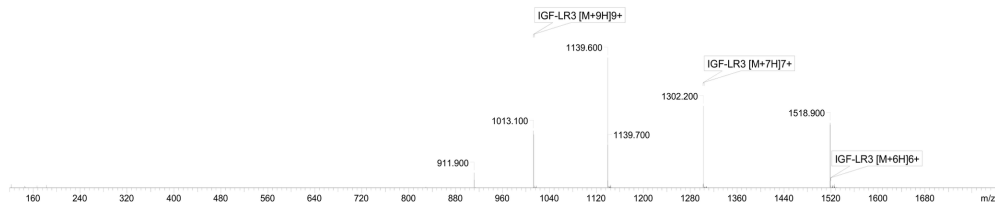
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Alex Johnson

Principal Chemist

FreedomDiagnosticsTesting.com
Admin@FreedomDiagnostics.net

Proudly Owned and Operated in the USA



The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample (s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com |
summitbioanalytics.com

TESTED FOR

Iron Within Research

SAMPLE

IGF-LR3 — 1 mg

PASS

BATCH #

IWR-2607-IGF

PURITY

99.87%

MASS

1.17 mg

IDENTITY

Confirmed

COA #:

SBA-26-0039

Method:

Full QC Panel

Lot Number:

IWR-2607-IGF

Analysis Date:

2026-08-02

Labeled Content:

1 mg

Date Received:

2026-07-29

Appearance:

White lyophilized
powder, intact seal



SCAN TO VERIFY



Identity



Purity



Endotoxins



Fentanyl Free



VIAL CAP

Blue

#0017A8

CLOSURE AS
RECEIVED

Test	Specification	Result
Identity	IGF-LR3	Confirmed
Purity (HPLC)	>= 98.0%	99.87%
Content (gross)	Report only	1.17 mg
Fentanyl Screen (LC-MS/MS)	Not detected	Not detected
Endotoxins (LAL)	Report Result	0.02 EU/mL

Test	Specification	Result
Sterility Screen (rapid PCR)	No growth	No growth
Heavy Metals (ICP-MS)	ICH Q3D limits	All analytes within limits

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Sterility by rapid nucleic-acid amplification — a screening method, not compendial sterility per USP <71>. Full methodology available on request.

Kasey Malganus

Kasey Malganus
Lab Director
2026-08-02

COA #: SBA-26-0039
Access Code: 5P7DMJV6
Analyst: R. Whitfield
Verify: summitbioanalytics.com/verify
Issued: 2026-08-02

Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com

This certificate relates only to the item tested, as received. Research use only — not for human or veterinary use. A not-detected screening result describes this sample only and is not a statement about any other unit or lot.