



Certificate of Analysis

Biogenica Labs • Analytical Services Division
ISO/IEC 17025-aligned testing • GMP-grade analysis

Accession Number	Client	Sample Code	Received Date	Reported Date
AC-IGF1LR3-2604	Westcoast Labs	IGF-1 LR3	2026-04-05	2026-04-12

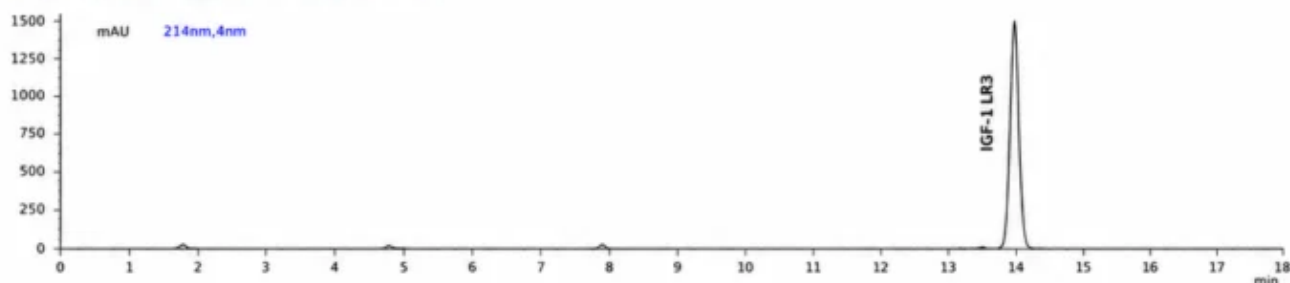
Product	IGF-1 LR3 (Insulin-Like Growth Factor-1 Long R3)	Lot Number	IGF1LR3-202604
Variant	Long R3	Net Peptide Content	1.02 mg
Label Strength	1 mg	Purity (HPLC)	99.372%
Identity Confirmation	Conforms (MS)	Appearance	White lyophilized powder
Molecular Formula	$C_{677}H_{1016}N_{170}O_{198}S_8$	Molecular Weight	12,366.47 g/mol
CAS Number	N/A (Peptide)	Test Article State	Lyophilized solid
Sequence	Modified IGF-1 (Long R3) GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRAPQTGVDECCF-RSCDFLRRLEMYCAPLKPAKSA	Endotoxin Level	< 1.0 EU/mg

ANALYTICAL METHODS • RP-HPLC (214 nm) | LC-MS (ESI+) | Appearance / Solubility

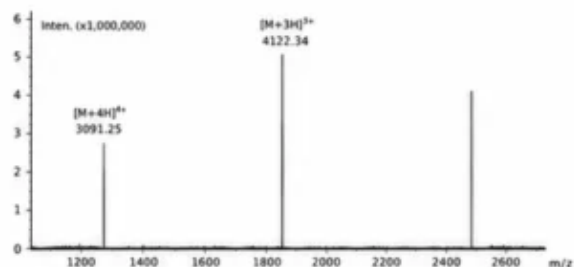
Mass Identification

Theoretical [M]	Observed [M+3H] ³⁺	Observed [M+4H] ⁴⁺	Result
12366.47 Da	4122.34 m/z	3091.25 m/z	Conforms

HPLC Chromatogram — Purity 99.372%



Mass Spectrum (LC-MS, ESI+)



Released by Biogenica Labs

Tested and approved in accordance with internal quality control procedures.
Date of Release: April 12, 2026

COA No.

BG-IGF1LR3-2604
Document Revision: 01
Issued: 04/12/2026 • Expires: 04/12/2028

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