FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	TrustedPeps
Accession #:	2608130516
Search Code:	Trus2608130516
Received:	8/13/2026
Reported:	8/18/2026
Lot:	TP-IGF-A

Sample Summary

Product:	IGF-1 LR3 1mg	**Purity:**	99.29%
Identity:	Confirmed	**Net Content:**	1.10 mg
Appearance:	White Lyophilized Powder		
Elemental Impurities (ICP-MS): As | Cd | Pb | Hg	**Pass**		

Analytical Results

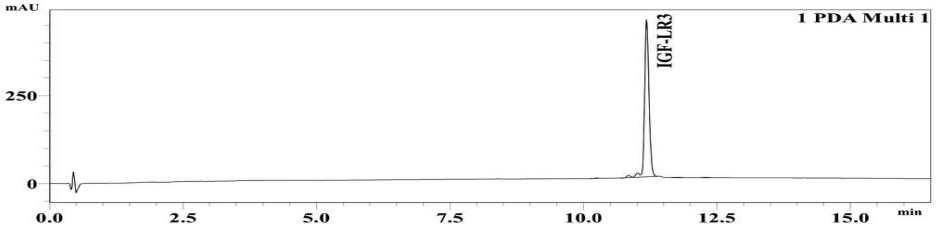
Test	Result
Identity (LC-MS)	IGF-LR3
Purity (HPLC-UV)	99.29%
Elemental Impurities (ICP-MS)	Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits
Net Content	1.10 mg

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

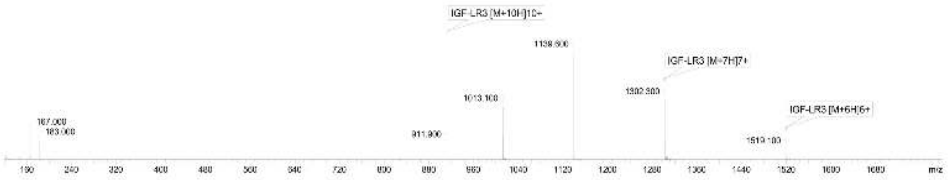
Endotoxin Replicate 1:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**
Endotoxin Replicate 2:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**

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

Chromatogram



Mass Confirmation



Principal Chemist

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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.