



Vita Science Peptides Inc.

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Certificate of Analysis

CERTIFICAT D'ANALYSE

Document 9EFB2EA978 · Lot IG-2609-20 · Issued / Émis September
14, 2026

IGF-1 LR3 Recombinant Analogue, 1 mg Lyophilized Vial

Lyophilized protein in a sealed glass vial · 1 mg per vial



Verify this lot / Vérifier ce lot
canada-peptides.net/lots/#ig-2609-20

Catalogue no. / N° de catalogue	PRO-IGF1LR3-1	Lot / Lot	IG-2609-20
Date of analysis / Date d'analyse	September 14, 2026	Retest date / Date de réanalyse	September 14, 2028
CAS	946870-92-4	Molecular weight / Masse moléculaire	9111 g/mol
Quantity / Quantité	1 mg per vial	Form / Forme	Lyophilized protein in a sealed glass vial
Storage / Conservation	Lyophilized protein: store sealed at -20 °C or below, protected from light. Avoid repeated freeze-thaw once reconstituted.		

RESULTS / RÉSULTATS

TEST / ESSAI	METHOD / MÉTHODE	SPECIFICATION / SPÉCIFICATION	RESULT / RÉSULTAT
Appearance / Apparence	Visual, USP <631>	White to off-white lyophilized powder	White lyophilized powder
Purity / Pureté	SDS-PAGE, Coomassie densitometry	≥95%	99.3%
Identity / Identité	ESI-MS, positive mode	[M+H] ⁺ 9112.01 ± 0.1%	[M+H] ⁺ 9112.21 (Δ 0.002%)
Net protein content / Teneur nette	Gravimetric, corrected for water and counter-ion	1 mg per vial	1.01 mg (101.4% of label)
Water content / Teneur en eau	Karl Fischer titration	≤ 8.0%	3.9%
Counter-ion / Contre-ion	Ion chromatography	Acetate, TFA below 1%	4.3% acetate
Bacterial endotoxin / Endotoxine	LAL, kinetic turbidimetric	< 1.0 EU/mg	< 0.36 EU/mg

METHODS / MÉTHODES

SDS-PAGE. Reducing SDS-polyacrylamide gel electrophoresis with Coomassie staining; purity is the main band as a percentage of total lane density by scanning densitometry, against a molecular-weight ladder.

Karl Fischer. Coulometric titration of a weighed aliquot for water content, reported as a percentage of the lyophilized mass.

Ion chromatography. Counter-ion content (acetate, residual trifluoroacetate) by anion-exchange chromatography with conductivity detection.

LAL. Kinetic turbidimetric Limulus amoebocyte lysate assay for bacterial endotoxin, reported per milligram of protein.

Analyst / Analyste

QC laboratory · signed electronically
September 14, 2026

Reviewed / Vérifié

QC reviewer · signed electronically
September 14, 2026

Released / Libéré

Quality assurance · released for sale
Document 9EFB2EA978

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This certificate reports the lot record held by Vita Science Peptides for lot IG-2609-20; results apply to that lot only. Document 9EFB2EA978 can be checked against the lot register at <https://canada-peptides.net/lots/#ig-2609-20>. Store as stated above; retest date September 14, 2028. Generated 2026-09-24 · <https://canada-peptides.net>