



Vita Science Peptides Inc.

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Certificate of Analysis

CERTIFICAT D'ANALYSE

Document D1749ED931 · Lot HC-2609-18 · Issued / Émis September
13, 2026

HCG Glycoprotein, 5000 IU Lyophilized Vial

Lyophilized protein in a sealed glass vial · 5000 IU per vial



Verify this lot / Vérifier ce lot
canada-peptides.net/lots/#hc-2609-18

Catalogue no. / N° de catalogue	PRO-HCG-5000	Lot / Lot	HC-2609-18
Date of analysis / Date d'analyse	September 13, 2026	Retest date / Date de réanalyse	September 13, 2028
CAS	9002-61-3	Quantity / Quantité	5000 IU 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%	99.7%
Net protein content / Teneur nette	Gravimetric, corrected for water and counter-ion	5000 IU per vial	Conforms
Water content / Teneur en eau	Karl Fischer titration	≤ 8.0%	4.6%
Counter-ion / Contre-ion	Ion chromatography	Acetate, TFA below 1%	5.2% acetate
Bacterial endotoxin / Endotoxine	LAL, kinetic turbidimetric	< 1.0 EU/mg	< 0.50 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 13, 2026

Reviewed / Vérifié

QC reviewer · signed electronically
September 13, 2026

Released / Libéré

Quality assurance · released for sale
Document D1749ED931

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This certificate reports the lot record held by Vita Science Peptides for lot HC-2609-18; results apply to that lot only. Document D1749ED931 can be checked against the lot register at <https://canada-peptides.net/lots/#hc-2609-18>. Store as stated above; retest date September 13, 2028. Generated 2026-09-24 · <https://canada-peptides.net>