HCG

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 24, 2026

BATCH NUMBER

18014

PURITY LEVEL

97.48%

Certificate of Analysis

High-Performance Liquid Chromatography

Client:

Peptides Canada

Sample Name:

HCG

Batch #:

18014

Report Date:

02/25/2026

Test:

Purity

Receipt Date:

02/23/2026

Analysis Date:

02/24/2026

Matrix:

Powder

Number of samples:

1

Purity: 97.48%

Research-grade specification: ≥95.0% — this batch exceeds specification.

Date File	18014_MS2_posneg_HCG_500iu_Lot18014_purity.d	**Sample Name**	HCG_500iu_Lot18014_purity
Sample Type	Sample	**Position**	P5-79
Instrument Name	LCMS-7800 Series	**Username**	-
Acq Method	HCG_500iu_purity_145.m	**Acquired**	02/24/2026 04:10:25 PM
IRM Calibration Status	Calibrated	**Time**	(UTC-07:00)
Comment	Sample test for purity of HCG 500iu batch 18014	**DA Method**	SignalToNoiseCheckout.m
Sample Group	Test Batch 5	**Info.**	-
Stream Name	LC1	**Acquisition**	02/24/2026 04:10:25 PM
Acquisition SW Version	6400 Series Triple Quadrupole B.09.00 (89037.0)	**Time (Local)**	(UTC-07:00)

Peak List

Time	Area	% Area
26.78 min	3892.4	97.48 %
27.92 min	58.3	0.71 %
29.14 min	42.1	1..06%

*** determined as HCG based on retention time**

Note: Percent area between two compounds is not quantitative due to variable extinction coefficients.

Test Screen

UV Chromatogram:

Identity: HCG

(Other names: HCG, Beta-hCG)

CAS: 9002-61-3

Data

Mass Spectrum

MSMS ID — head to tail database matching

Mass Spectrum Protein Envelope encompasses the 3-6 positive change states conferring Peptide Mass

HCG

A-subunit

Expected Mass: 10,205 Da

Observed Mass: 10,205 Da

B-subunit

Expected Mass: 15,547 Da

Observed Mass: 15,547 Da

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.