

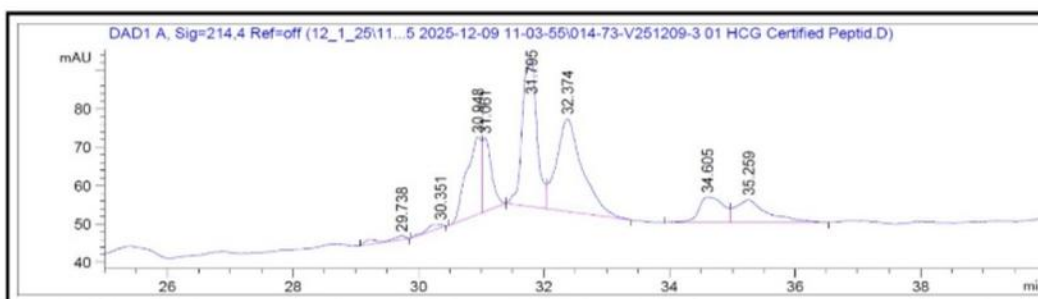


Vanguard Laboratory  
2635 Parkmont Ln  
Olympia, Wa 98502  
360-967-7010

# Certificate of Analysis

HCG 5000 IU

Compound: HCG  
Amount: 5000 IU  
Laboratory ID: V251209-3 001  
Date Reported: 12/19/2025  
Lot Number: HCG05425  
Batch Number: 251201HC54



Note: Chorionic gonadotropin contains a number of glycosylated isoforms, which results in the clustering of peaks. Quantification based on area count of primary isoforms in comparison to certified reference standard.

| Analysis                       | Method      | Result           |
|--------------------------------|-------------|------------------|
| Chromatographic Identification | HPLC-UV/VIS | Matches Standard |
| Quantity                       | HPLC-UV/VIS | ~5160 IU         |



*[Signature]*

Report By: Dustin Newman, Laboratory Director on 12/19/2025

*[Signature]*

Approved By: Tori Johnson, Operations Manager on 12/19/2025

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



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| Analyte       | Method | LOQ (ppm) | Result (ppm) |
|---------------|--------|-----------|--------------|
| Chromium (Cr) | ICP-MS | 0.05      | ND           |
| Arsenic (As)  | ICP-MS | 0.01      | ND           |
| Cadmium (Cd)  | ICP-MS | 0.01      | ND           |
| Lead (Pb)     | ICP-MS | 0.01      | ND           |
| Mercury (Hg)  | ICP-MS | 0.005     | ND           |

Run ID: 251215

| Analysis   | Method   | Result                    |
|------------|----------|---------------------------|
| Endotoxins | LAL      | Pass - <0.05 EU/mg*       |
| Sterility  | USP <71> | Pass - No Growth Detected |

\*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 12/19/2025

Approved By: Tori Johnson, Operations Manager on 12/19/2025

ND: Non-Detect

LOD: Limit of Quantification



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