



Nytrogene  
<https://nytrogene.com/>

SAMPLE NAME:  
SAMPLE CODE:  
RECEIVED DATE:  
PUBLISHED DATE:

G1-S  
YKWX-GAAL  
09/09/2026  
09/22/2026



DECLARED IDENTITY Semaglutide

MATRIX TYPE: PEPTIDE

SAMPLE NAME: G1-S

SAMPLE SIZE: 10.0 mg

LOT CODE: 903SM1011



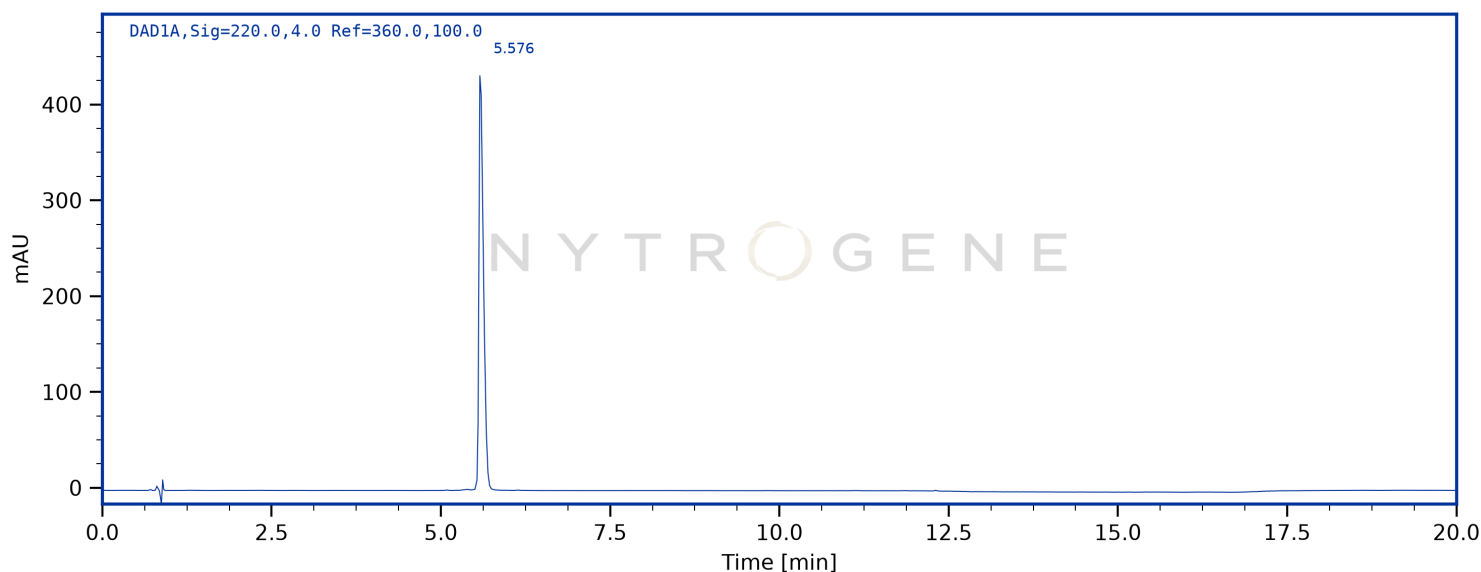
**11.309 mg**  
Total Quantity



**99.51%**  
Total Blend Purity

| Sample      | Test     | Specification | Result      | Status   |
|-------------|----------|---------------|-------------|----------|
| Semaglutide | IDENTITY | Semaglutide   | Semaglutide | CONFORMS |
| Semaglutide | QUANTITY | MEASURE       | 11.309 mg   | MEASURED |
| Semaglutide | PURITY   | > 98.0%       | 99.51%      | CONFORMS |

## HPLC Chromatogram Report



RESULTS REVIEWED BY:

Anthony Burke PhD  
Lab Manager  
09/22/2026

RESULTS CERTIFIED BY:

Dr. Levi Fried MD  
Lab Director  
09/22/2026

ACCUMARKLABS.COM  
YKWX-GAAL  
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## Endotoxin USP85 LAL

| Test                | Specification (EU/mL) | Result (EU/mL) | LOQ (EU/mL) | Verdict  |
|---------------------|-----------------------|----------------|-------------|----------|
| Endotoxin USP85 LAL | ≤5                    | < LOQ          | 2.5         | Conforms |

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

## Rapid Sterility Screening (PCR)

| Test                            | Specification | Result       | Unit | Verdict  |
|---------------------------------|---------------|--------------|------|----------|
| Rapid Sterility Screening (PCR) | Not Detected  | Not Detected |      | Conforms |

Method: Rapid sterility screening performed by real-time polymerase chain reaction (qPCR) targeting conserved microbial DNA sequences under validated laboratory conditions.

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 Lab Manager  
 09/22/2026

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