

Client: NextgenPeps
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nextgenpeps.com

Sample received: **02/03/26**
Analysis conducted: **02/11/26**

| | | | |
|--------------|--------------------------|----------|----------------|
| Compound: | Semaglutide | CAS: | 910463-68-2 |
| Batch/Lot #: | N/A | Formula: | C187H291N45O59 |
| Appearance: | White lyophilized powder | Mol Wt: | 4113.641 g/mol |

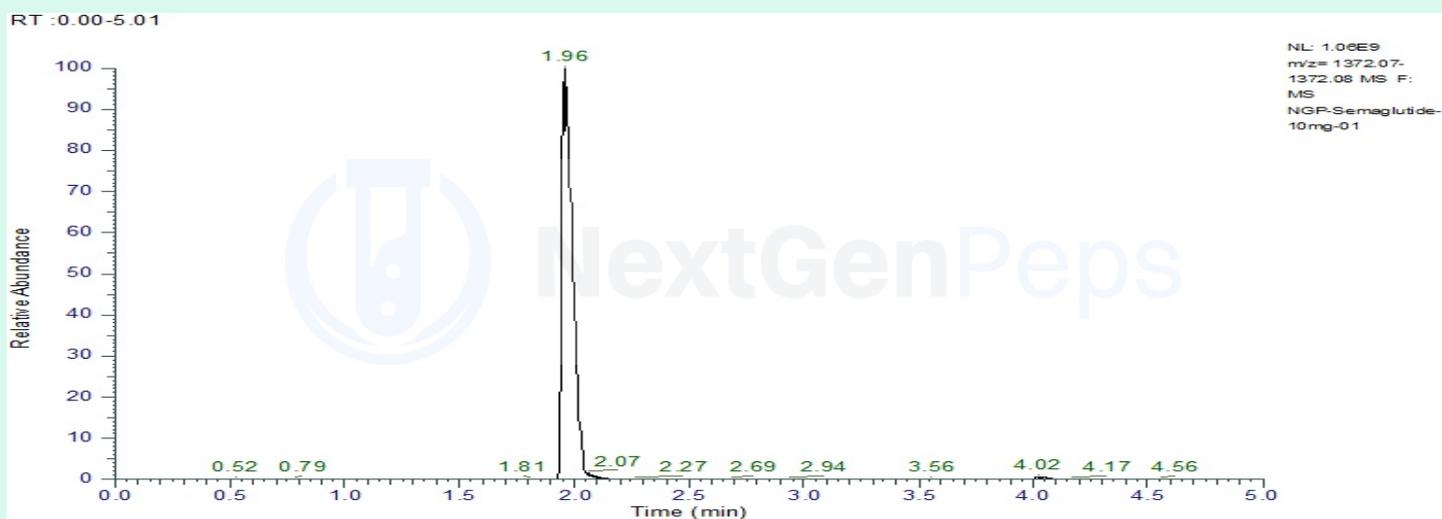
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 56843331

Semaglutide |C187H291N45O59 |56843331

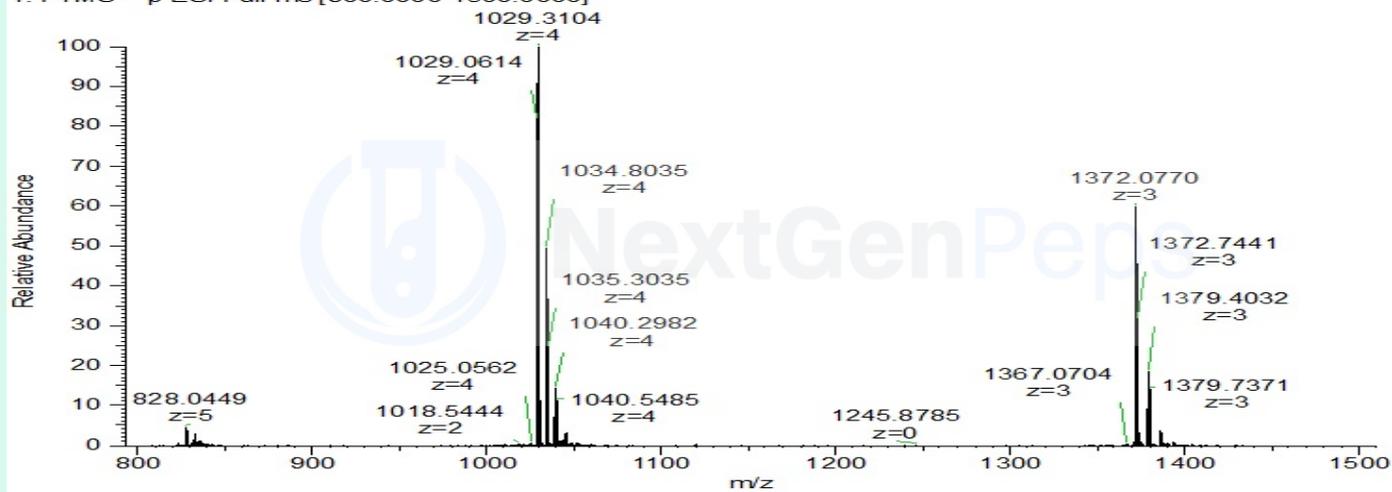
| | Specification | Result | |
|----------------|---------------|--------------------|-----------------|
| Identity Test: | Semaglutide | Semaglutide | Conforms |
| Purity: | >99% | 99.12% | Conforms |

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NGP-Semaglutide-10mg-01 #444 RT: 1.98 AV: 1 NL: 1.25E9
T: FTMS + p ESI Full ms [800.0000-1500.0000]



Analysis Performed by

Dr. Victor Ugur
Analytical Chemist
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Victor Ugur