

Client: NextGen Bioactive
support@nextgenbio.io
nextgenbio.io

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

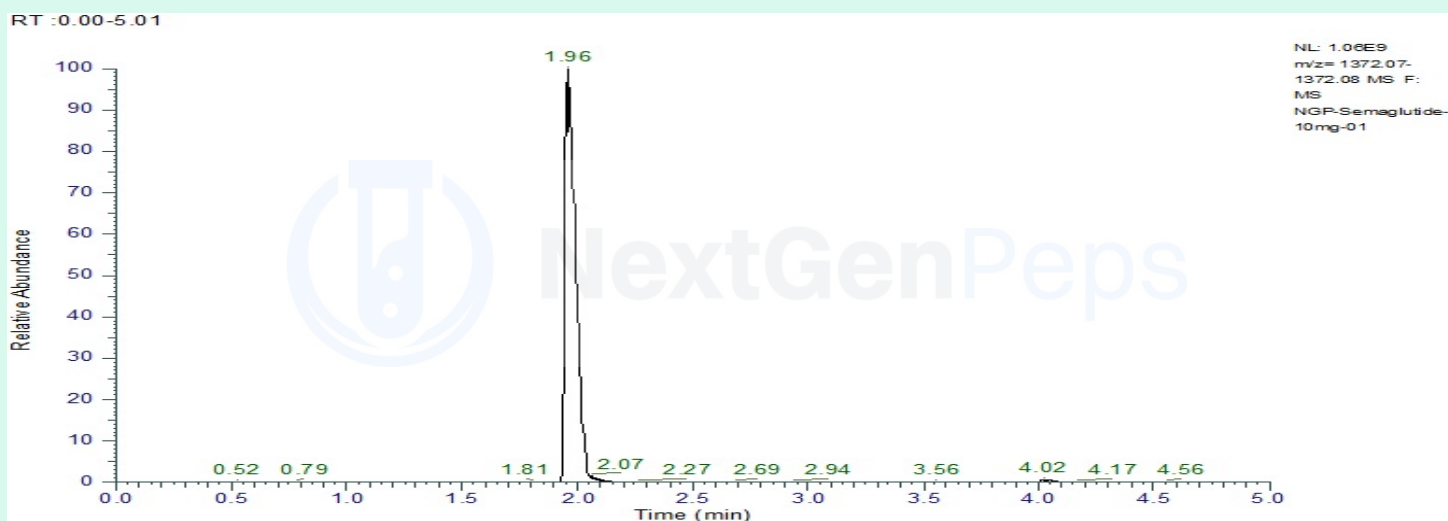
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 56843331

Semaglutide |C187H291N45O59 |56843331

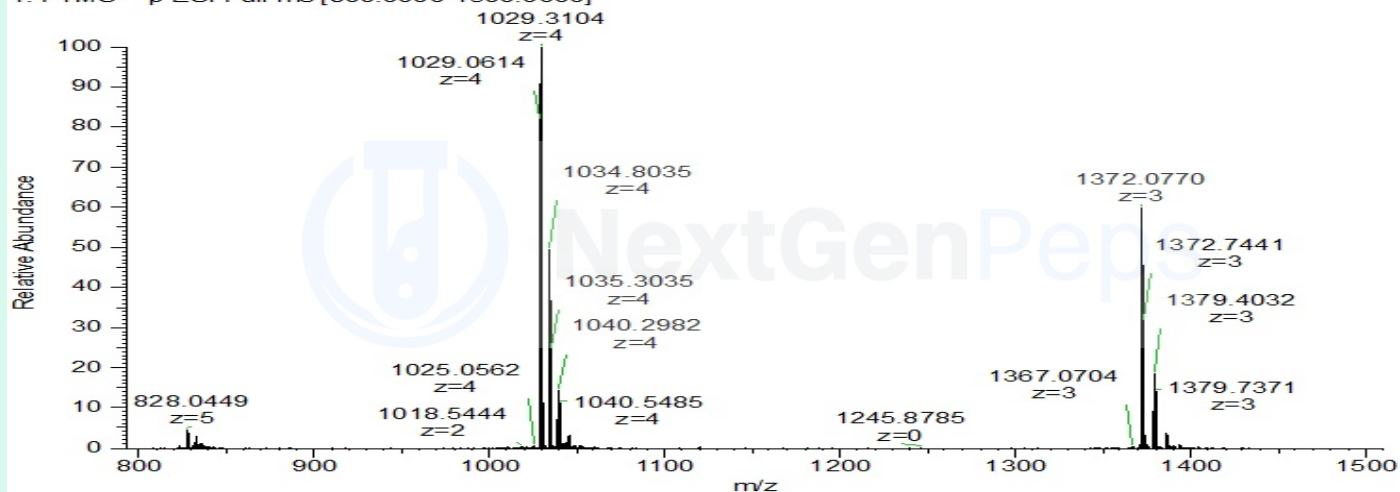
	Specification	Result	
Identity Test:	Semaglutide	Semaglutide	Conforms
Purity:	>99%	99.12%	Conforms

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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Security Key **NEXTPEPS0**
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Victor Ugur