

Client: Northwest Peptides
support@northwestpeptides.com
www.northwestpeptides.com

Sample received: **12/15/25**
Analysis conducted: **12/30/25**

Compound:	Semaglutide	CAS:	910463-68-2
Batch/Lot #:	SM5-20251102	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

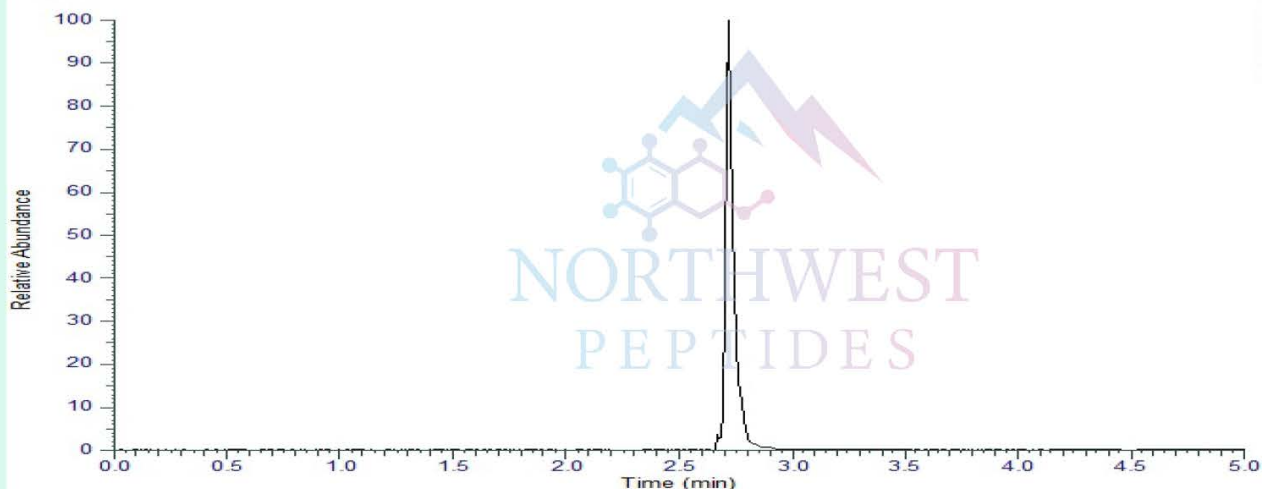
Pubchem CID: 56843331

Semaglutide | C187H291N45O59 | CID 56843331

	Specification	Result	
Identity Test:	Semaglutide	Semaglutide	Conforms
Quantity:	5 mg $\pm$ 15%	5.49 mg	Conforms
Purity:	>99%	99.68%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

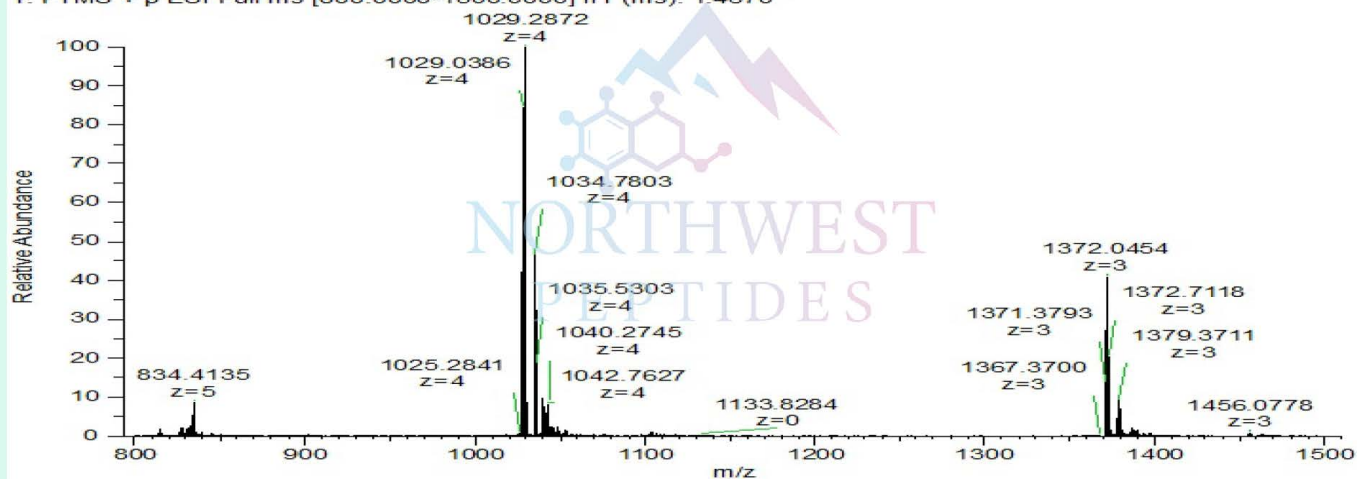
RT : 0.00-5.00



NL: 1.87E8
m/z= 1029.2821-
1029.2823 MS
NWP-Semaglutide-
5mg-01

Full Scan Mass Spectrometry Analysis

NWP-Semaglutide-5mg-01 #312 RT: 2.72 AV: 1 NL: 1.84E8
T: FTMS + p ESI Full ms [800.0000-1500.0000] IIT (ms): 1.4670



Analysis Performed by

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Analytical Chemist
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Security Key **NWPEPTIDES0**
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Roberto Marin

