Horizon Analytical

Certificate of Analysis

Lot Number: BU-4193082-P
Brand / Distributed by: BioPep USA
Identity: Biopepusa.com

Analysis Date: 05/10/2026
Searchable via: horizonanalytical.com

Compound:	Semaglutide
Report Number:	1005978
Appearance:	White Lyophilized Powder

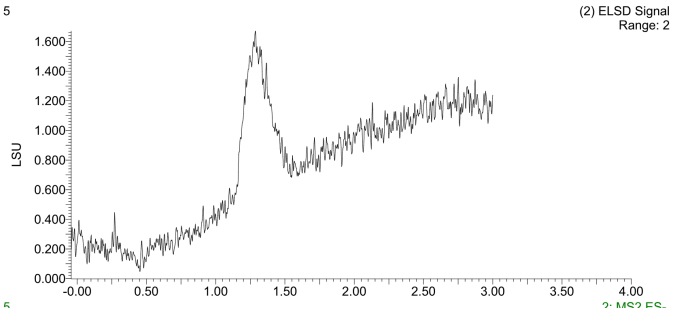
CAS:	910463-68-2
Formula:	$C_{187}H_{291}N_{45}O_{59}$
Mol Weight:	~4114 g/mol

Pubchem CID: 56843331

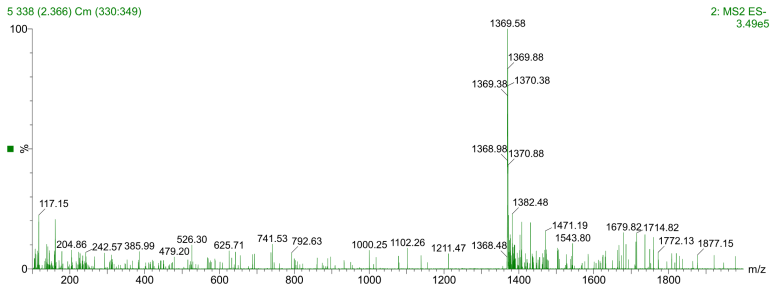
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Semaglutide	Semaglutide	
Quantity:	5mg	5.05mg	
Purity:	>98%	99.19%	

UPLC



MS



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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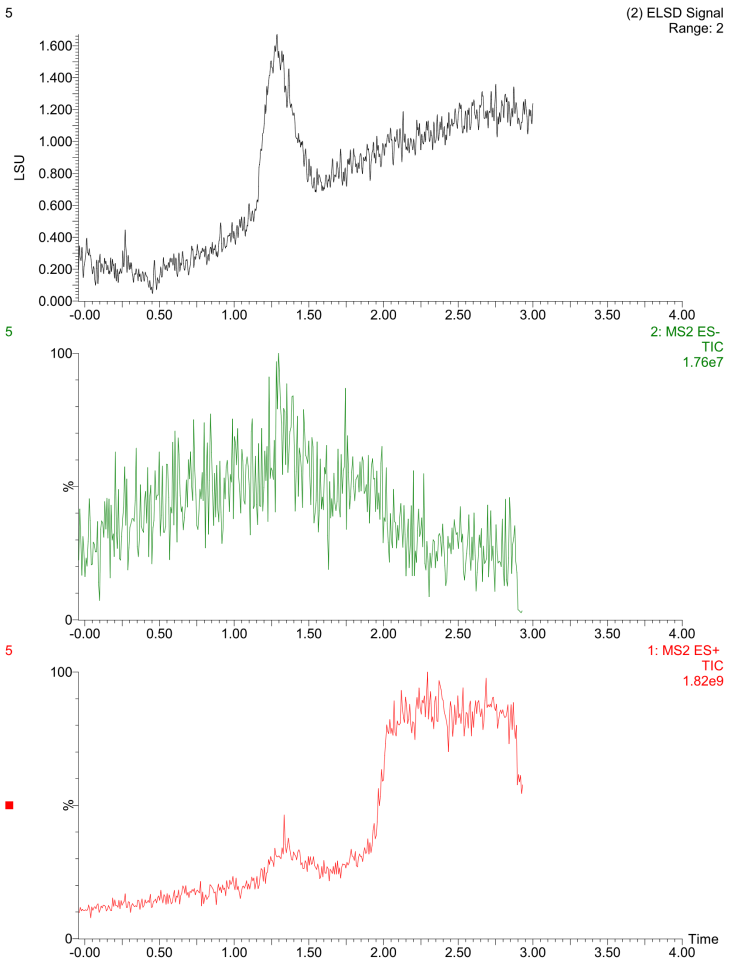
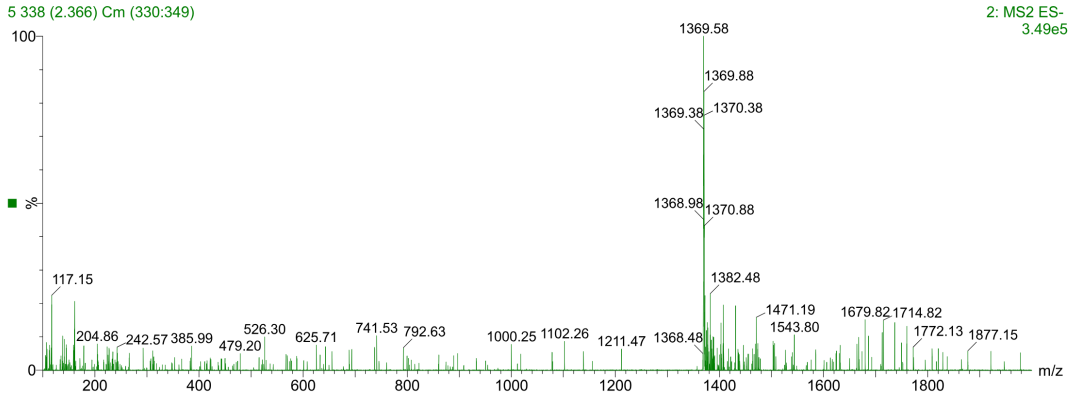
Semaglutide (5mg) • Pubchem CID: 56843331
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)