Horizon Analytical

# Certificate of Analysis

Lot Number: DPS-3614746
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 08/11/2026
Analysis Conducted: 08/21/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | Semaglutide |
| Report Number: | 1022924 |
| Appearance: | White Lyophilized Powder |

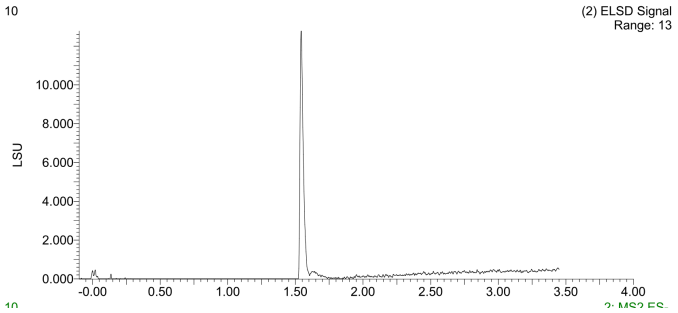
| | |
|---|---|
| CAS: | 910463-68-2 |
| Formula: | $C_{187}H_{291}N_{45}O_{59}$ |
| Mol Weight: | ~4114 g/mol |

Pubchem CID: 56843331

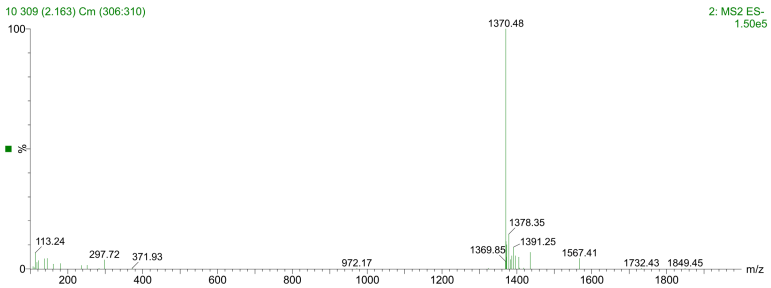
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | Semaglutide | Semaglutide | |
| Quantity: | 5mg | 4.97mg | |
| Purity: | >98% | 99.38% | |

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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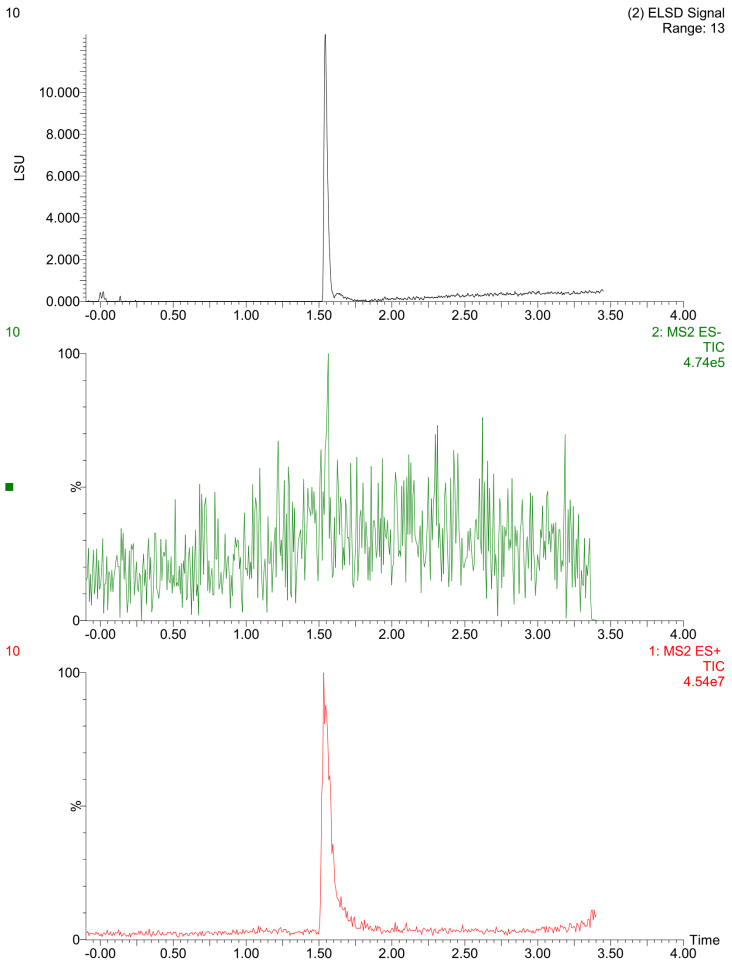
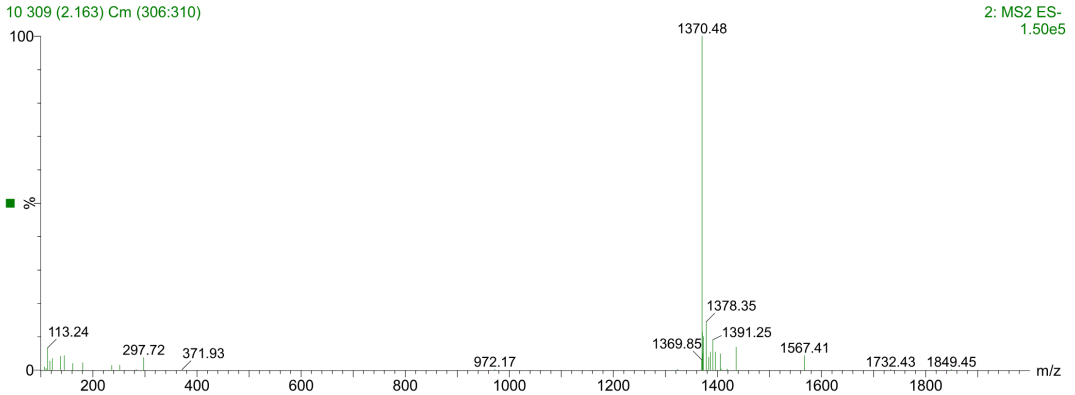
Semaglutide (5mg) • Pubchem CID: 56843331

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)