Horizon Analytical

Certificate of Analysis

Lot Number: DPS-5533216
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 07/20/2026
Analysis Conducted: 07/28/2026
Searchable via: horizonanalytical.com

Compound:	Tirzepatide
Report Number:	1017888
Appearance:	White Lyophilized Powder

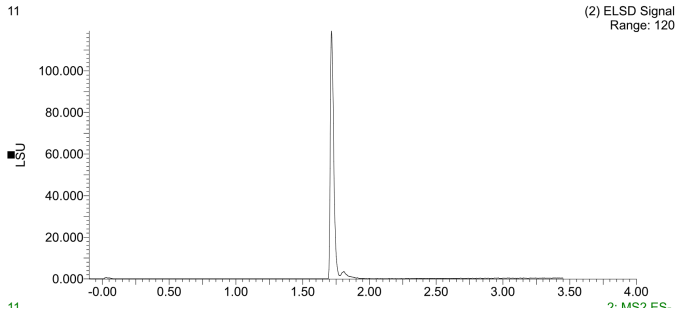
CAS:	2023788-19-2
Formula:	$C_{225}H_{348}N_{48}O_{68}$
Mol Weight:	~4813.5 g/mol

Pubchem CID: 156588324

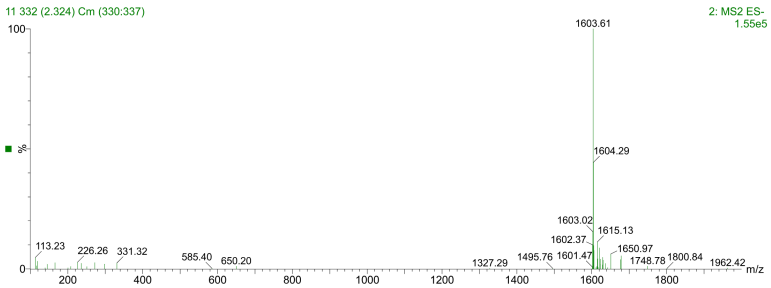
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Tirzepatide	Tirzepatide	
Quantity:	30mg	29.68mg	
Purity:	>98%	99.42%	

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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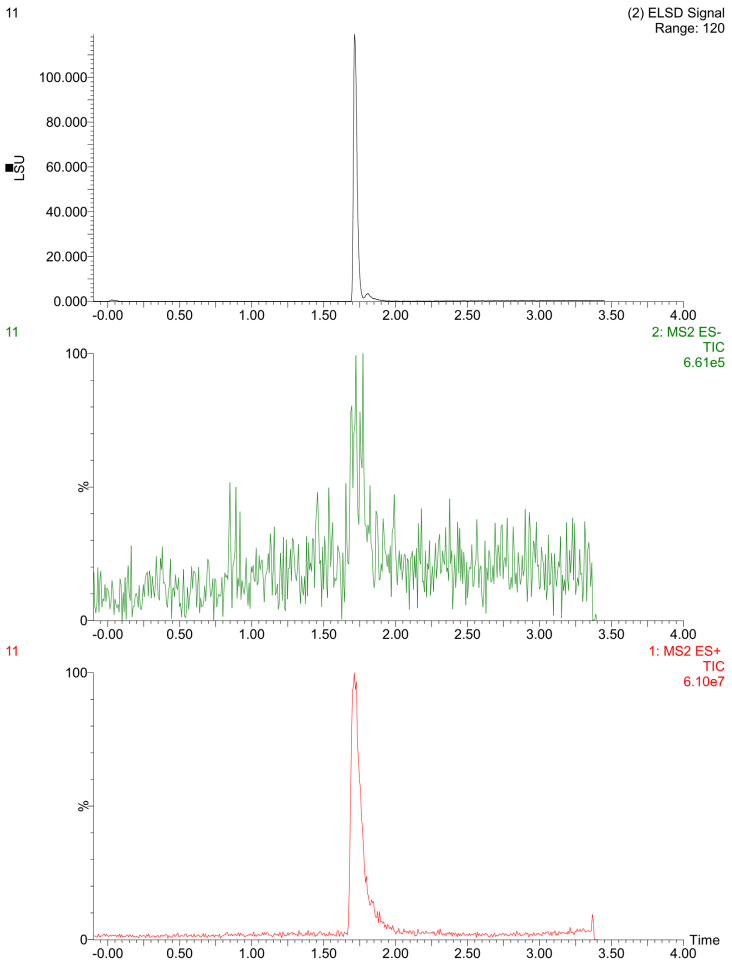
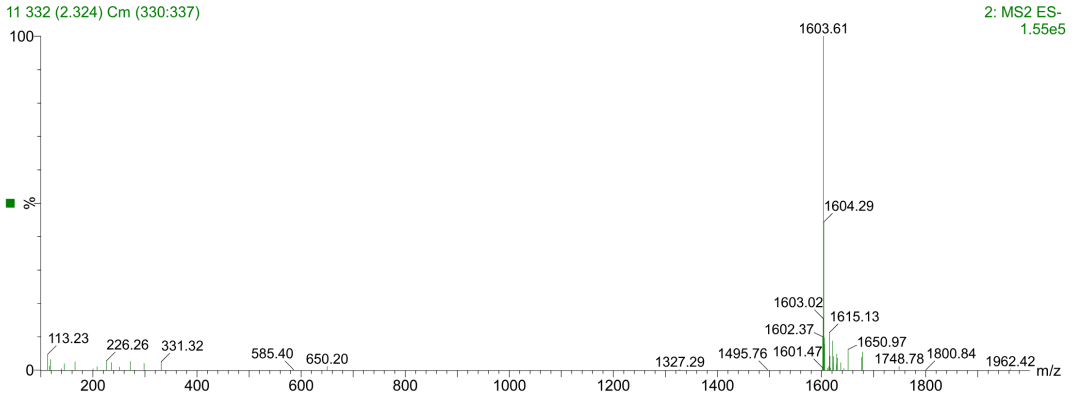
Tirzepatide (30mg) • Pubchem CID: 156588324
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)