Horizon Analytical

Certificate of Analysis

Lot Number: DPS-9954780
Brand / Distributed by: Direct Peptides
Identity: directpeptides.com
Product Type: Lyophilized Vials

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

Compound:	Tirzepatide
Report Number:	1030184
Appearance:	White Lyophilized Powder

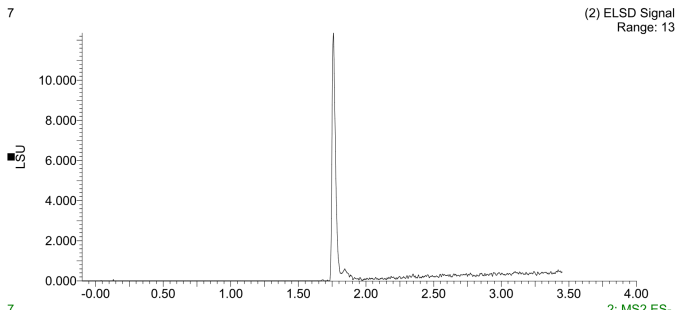
CAS:	2023788-19-2
Formula:	$C_{225}H_{348}N_{48}O_{68}$
Mol Weight:	~4813.5 g/mol

Pubchem CID: 156588324

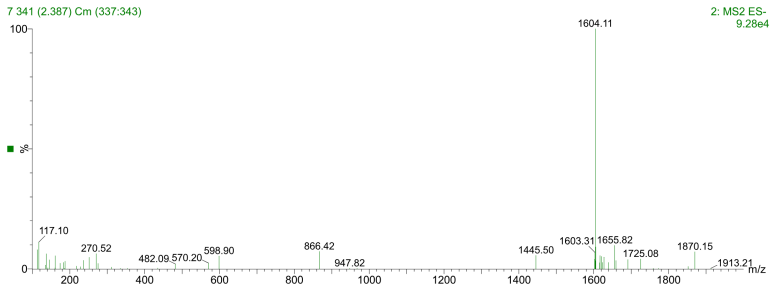
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Identification:	Tirzepatide	Tirzepatide	
Quantitation:	15mg	14.89mg	
Purity:	>98%	99.66%	

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.

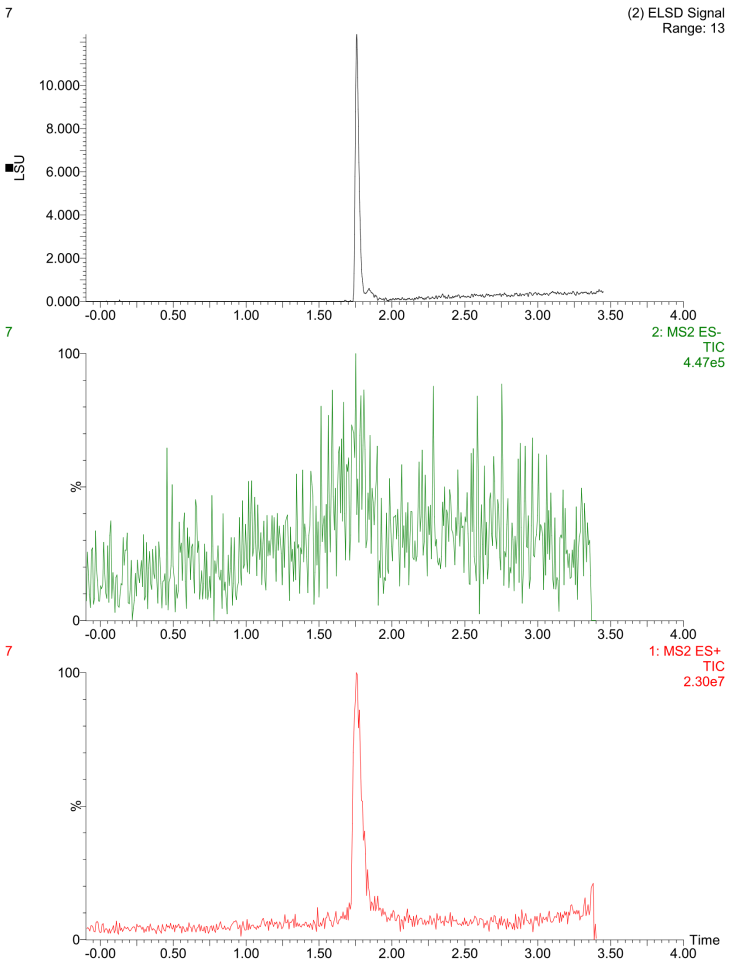
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Tirzepatide (15mg) • Pubchem CID: 156588324
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

