

Lot Number: **DPS-5990028**
 Brand / Distributed by: **Direct Peptides**
 Identity: **directpeptides.com**
 Product Type: **Lyophilized Vials**

Analysis Date: **09/28/2026**
 Searchable via: **horizonanalytical.com**

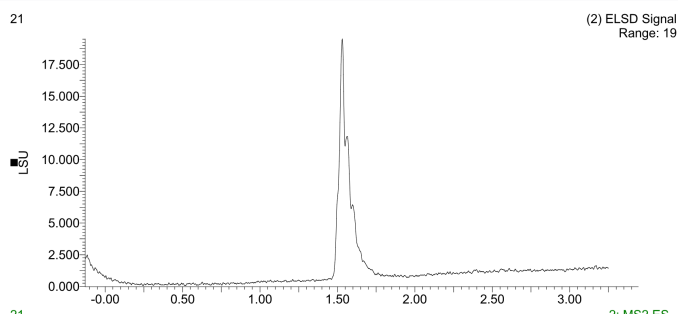
Compound:	Tirzepatide
Report Number:	1029218
Appearance:	White Lyophilized Powder

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:	30mg	29.97mg	
Purity:	> 98%	99.65%	



UPLC



MS

Aleksey Yevtodiyenko PhD
 Research and Formulation Chemist

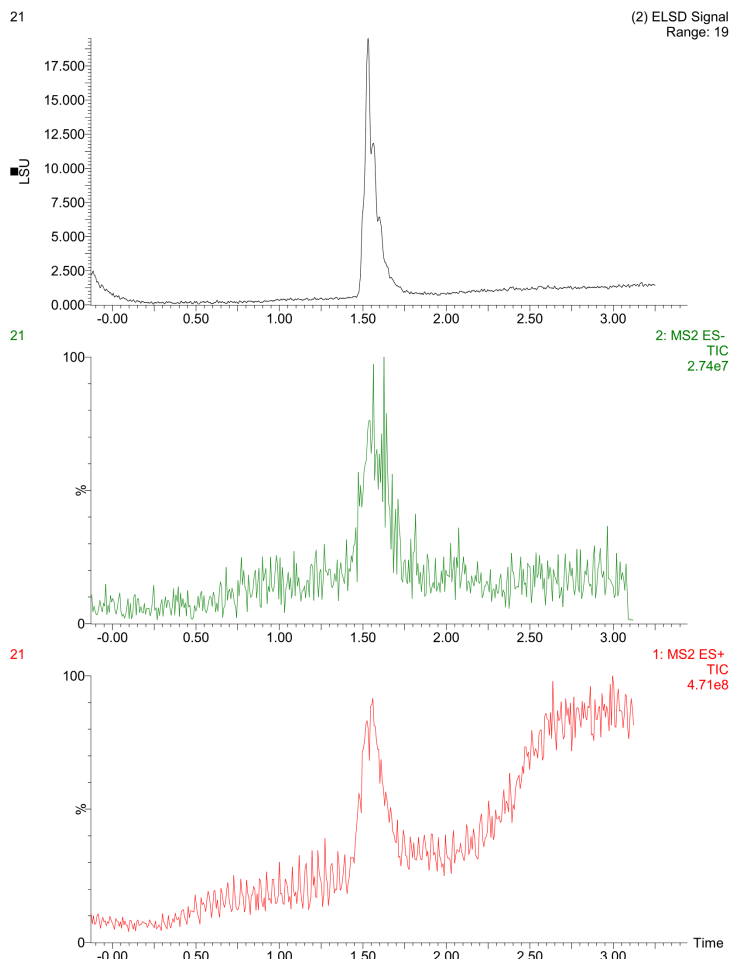


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: **DPS-5990028**
 Brand / Distributed by: **Direct Peptides**
 Identity: **directpeptides.com**
 Product Type: **Lyophilized Vials**

Analysis Date: **09/28/2026**
 Searchable via: **horizonanalytical.com**

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



Mass Spectrometry (MS)

