



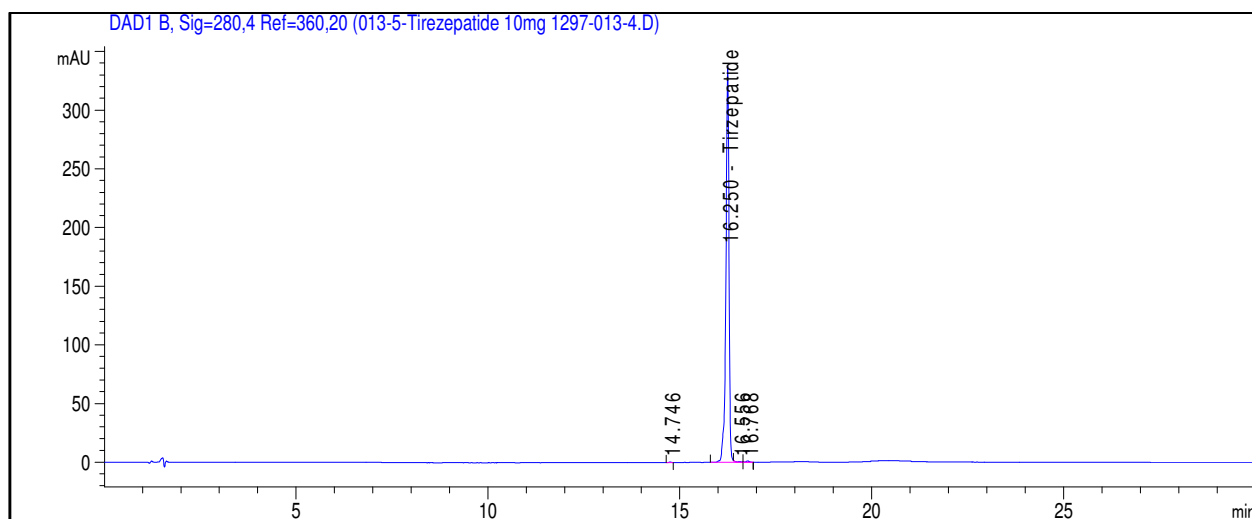
CERTIFICATE OF ANALYSIS

Tirzepatide

Material ID : Tirzepatide 10mg
Lot Number : 010224-T0J-P
Analysis Date : February 20, 2024
Molecular Formula : C₂₂₅H₃₄₈N₄₈O₆₈
PubChem CID : 156588324
Method : LC-MS and LC/UV

Client : **Optima Chemical Supply**
<https://optimasupply.net>

CHROMATOGRAM



PEAK TABLE

Peak #	Time (min)	Area %	Compound	Detector @ 280-nm
1	14.746	0.1		
2	16.250	99.4	Tirzepatide	
3	16.556	0.2		
4	16.758	0.3		

RESULTS

Analysis		
HPLC/UV Purity (%)	99.4	
Mass Spectrum Evaluation	<u>Measured</u>	<u>Expected</u>
-Molecular Mass (g)	4810.80	4810.52
-Peak Identification	Data consistent with molecular formula of the compound	
Measured Tirzepatide (mg/vial)	9.59	

Note: Vial may contain salts and buffers, not normally detected by UV and not considered impurities.

Work Certified by
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