



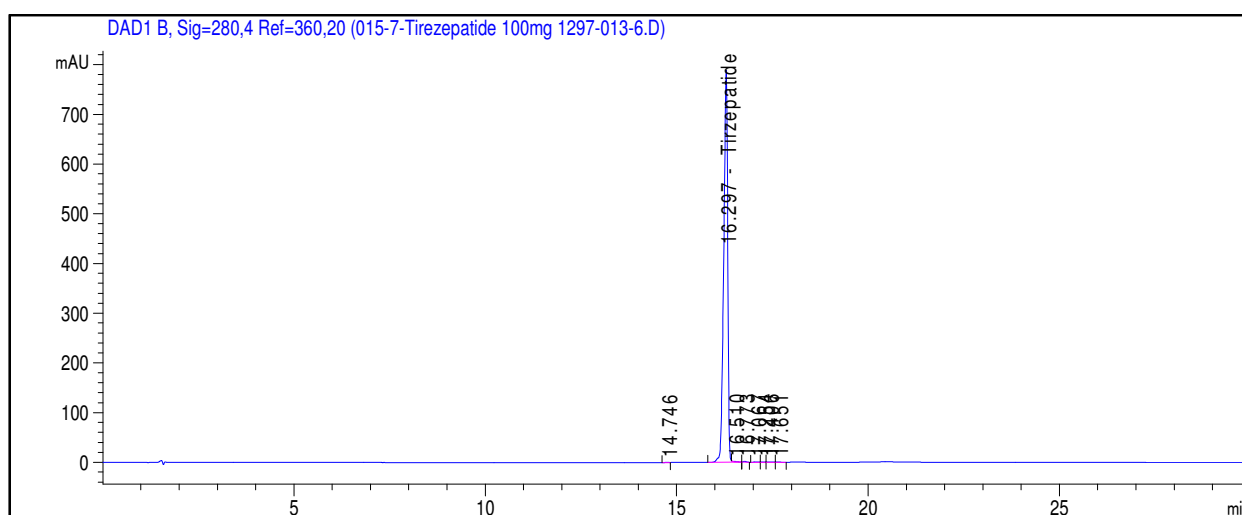
CERTIFICATE OF ANALYSIS

Tirzepatide

Material ID : Tirzepatide 100mg
 Lot Number : 070224-TCB-R
 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	16.297	99.4	Tirzepatide	
2	16.510	0.1		
3	16.773	0.1		
4	17.067	0.1		
5	17.254	0.1		
6	17.406	0.1		

RESULTS

Analysis	
HPLC/UV Purity (%)	99.4
Mass Spectrum Evaluation	Measured Expected
-Molecular Mass (g)	4810.80 4810.52
-Peak Identification	Data consistent with molecular formula of the compound
Measured Tirzepatide (mg/vial)	107.42

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

Work Certified by
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