

CERTIFICATE OF ANALYSIS

Tirzepatide

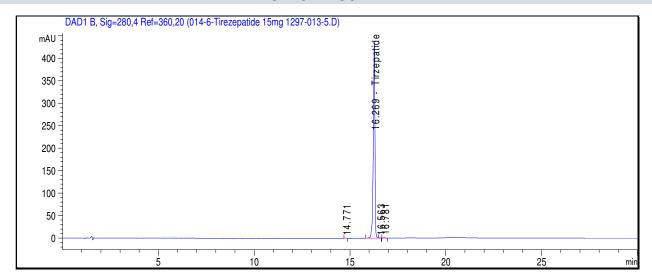
Material ID : Tirzepatide 15mg

: 180124-T1D-G

Lot Number 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
1	16.269	99.6	Tirzepatide
2	16.563	0.1	
3	16.781	0.2	

Detector @ 280-nm

RESULTS

<u>Analysis</u>				
HPLC/UV Purity (%)	99.6			
Mass Spectrum Evaluation	<u>Measured</u>	Expected		
-Molecular Mass (g)	4811.50	4810.52		
-Peak Identification	Data consistent with molecular formula of the compound			
Measured Tirzepatide (mg/vial)	13.74			

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

Work Certified by Martin S. Ruszai Techinical Director Actylis Buffalo - USA MRuszaj@actylis.com

Mothy Rusys

February 22, 2024

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