



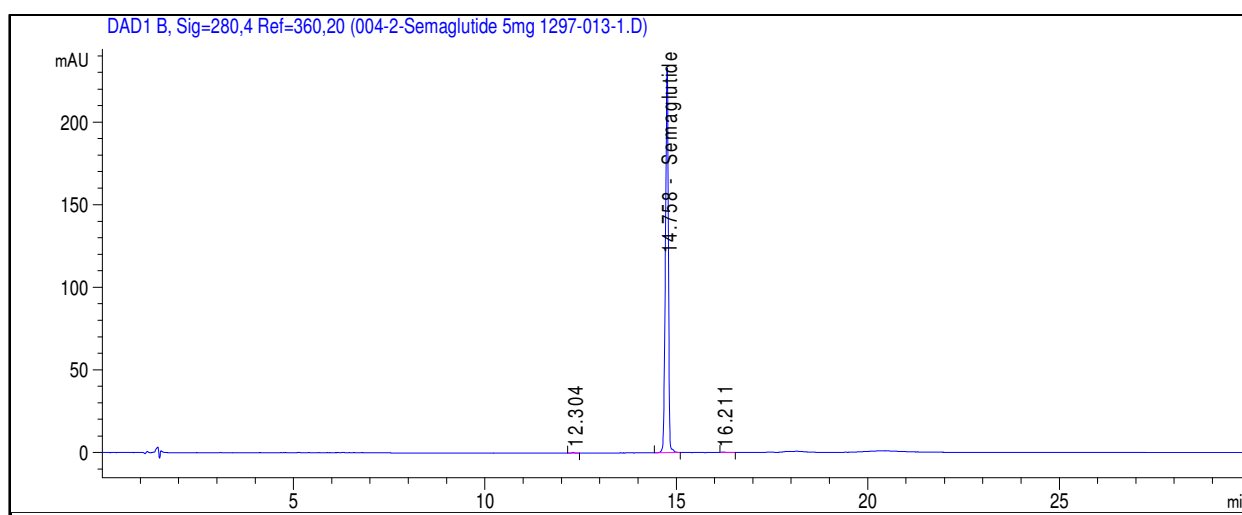
## CERTIFICATE OF ANALYSIS

### Semaglutide

Material ID : Semaglutide 5mg  
Lot Number : 290124-S5F-A  
Analysis Date : February 20, 2024  
Molecular Formula : C<sub>187</sub>H<sub>291</sub>N<sub>45</sub>O<sub>59</sub>  
PubChem CID : 56843331  
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	12.034	0.1		
2	14.758	99.7	Semaglutide	
3	16.211	0.2		

#### RESULTS

Analysis		
HPLC/UV Purity (%)	99.7	
Mass Spectrum Evaluation	<u>Measured</u>	<u>Expected</u>
-Molecular Mass (g)	4111.06	4111.12
-Peak Identification	Data consistent with molecular formula of the compound	
Measured Semaglutide (mg/vial)	5.43	

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

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Work Certified by  
Martin S. Ruszaj  
Technical Director  
Actylis Buffalo - USA  
[MRuszaj@actylis.com](mailto:MRuszaj@actylis.com)

February 22, 2024

