



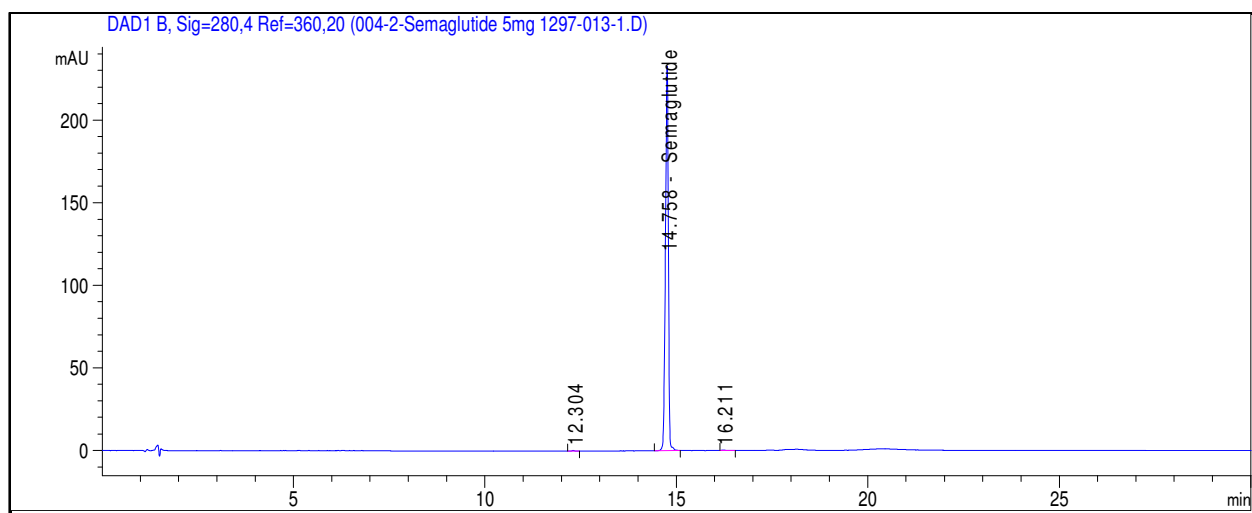
CERTIFICATE OF ANALYSIS

Semaglutide

Material ID : Semaglutide 5mg
Lot Number : 290124-S5F-A
Analysis Date : February 20, 2024
Molecular Formula : C₁₈₇H₂₉₁N₄₅O₅₉
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.

Work Certified by
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February 22, 2024

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Optima Supply Inc - Semaglutide 022024 IC-240219 Lot-290124-S5F-A mr.xlsx

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