



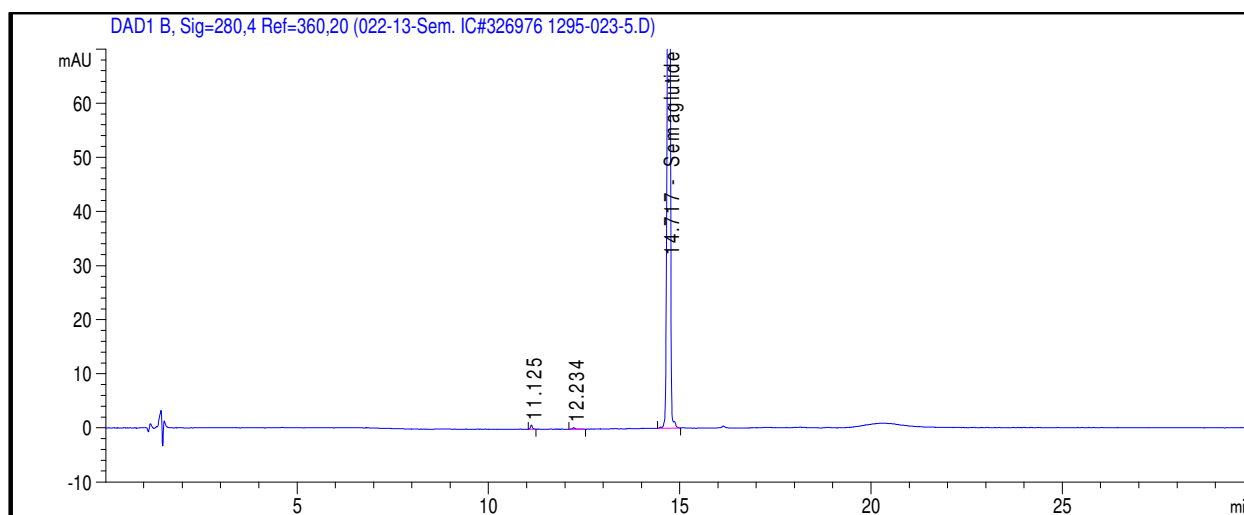
# CERTIFICATE OF ANALYSIS

## Semaglutide

Material ID : Semaglutide 2mg  
Lot Number : 180124-S2C-M  
Analysis Date : January 30, 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	14.717	99.5	Semaglutide	
2	12.234	0.2		
3	11.125	0.3		

### RESULTS

Analysis		
HPLC/UV Purity (%)	99.5	
Mass Spectrum Evaluation	<u>Measured</u>	<u>Expected</u>
-Molecular Mass (g)	4111.10	4111.12
-Peak Identification	Data consistent with molecular formula of the compound	
Measured Semaglutide (mg/vial)	2.82	

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

Work Certified by  
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January 31, 2024

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Optima Supply Inc - Semaglutide 013124 IC-240141 Lot#180124S2C-M ac rev1.xlsx

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