



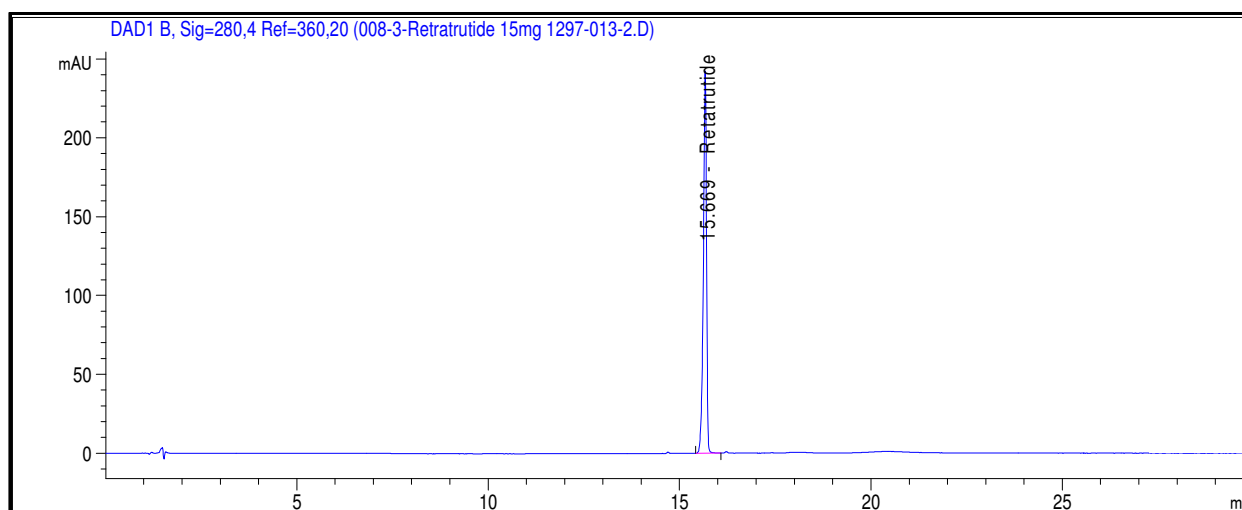
# CERTIFICATE OF ANALYSIS

## Retatrutide

Material ID : Retatrutide 15mg  
Lot Number : 050224-R1M-X  
Analysis Date : February 20, 2024  
Molecular Formula : C<sub>221</sub>H<sub>342</sub>N<sub>46</sub>O<sub>68</sub>  
CAS Number : 2381089-83-2  
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	15.669	100.0	Retatrutide	

### RESULTS

Analysis		
HPLC/UV Purity (%)	100.0	
Mass Spectrum Evaluation	<u>Measured</u>	<u>Expected</u>
-Molecular Mass (g)	4728.30	4728.47
-Peak Identification	Data consistent with molecular formula of the compound	
Measured Retatrutide (mg/vial)	13.70	

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 - Retatrutide 022224 IC-240219 Lot-050224-R1M-X mr.xlsx

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