



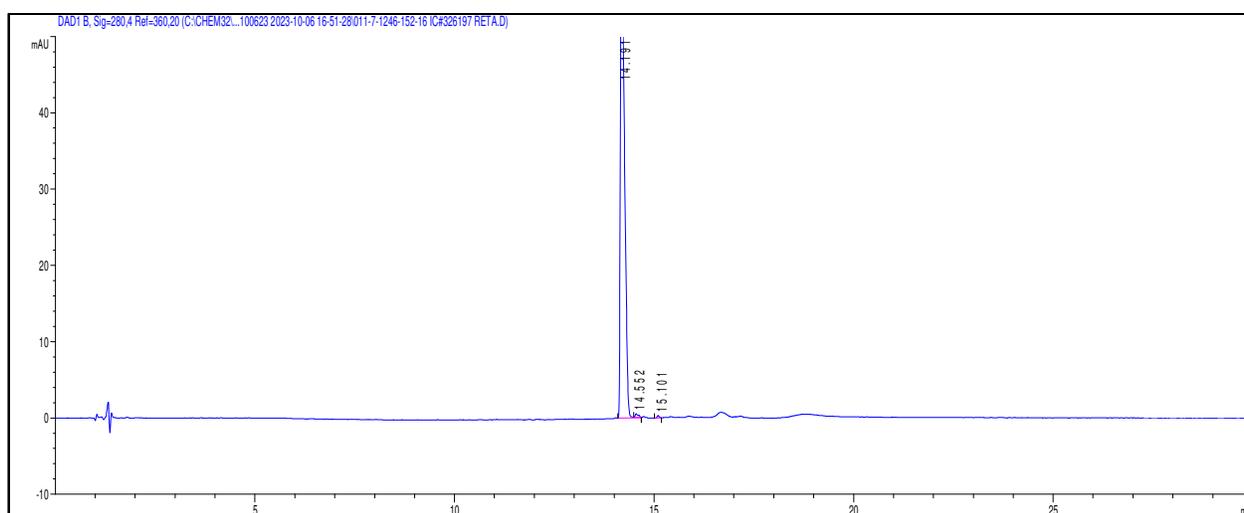
CERTIFICATE OF ANALYSIS

Retatrutide

Material ID : Retatrutide 5mg
Lot Number : 011023-R5B-A
Analysis Date : October 6, 2023
Molecular Formula : C₂₂₁H₃₄₂N₄₆O₆₈
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	14.191	99.2	Retatrutide	
2	14.552	0.6		
3	15.101	0.2		

RESULTS

Analysis		
HPLC/UV Purity (%)	99.2	
Mass Spectrum Evaluation	<u>Measured</u>	<u>Expected</u>
-Molecular Mass (g)	4728.70	4728.47
-Peak Identification	Data consistent with molecular formula of the compound	
Measured Retatrutide (mg/vial)	4.84	

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

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