Finnrick Analytics Finnrick.com Austin, TX



Project 135282 Lab # 128490 Date Rec'd 9/12/2025 Report Issued 9/18/2025

Project

Sample Retatrutide 10 mg XY6YXVM

# **Certificate of Analysis**

Analyte	Result	LOQ	<b>Units</b>	Method	<b>Date</b>	% of Label
Peptide Analysis						
Chromatographic purity	99.92	0.5	%	HPLC-UV/MS	9/15/2025	
Total peptide mass	7.52	0.5	mg	HPLC-UV/MS	9/15/2025	75.180000
Mass spectral identification	Confirmed			HPLC-UV/MS	9/15/2025	

The data presented are from the analysis of the sample shown and meet Krause Analytical internal quality assurance criteria unless otherwise flagged.

Methods shown reference current Krause Analytical SOPs

ND - Not detected LOQ - limit of quantification

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Respectfully submitted,

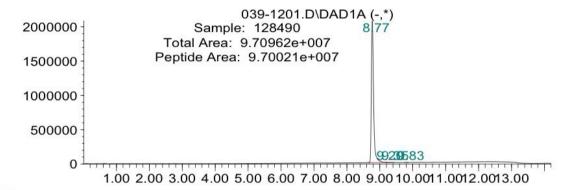
Mark C. Krause Laboratory Director



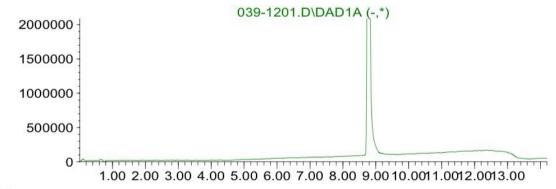
Lab #: 128490 Retatrutide 10 mg XY6YXVM

## Chromatogram

#### Response\_



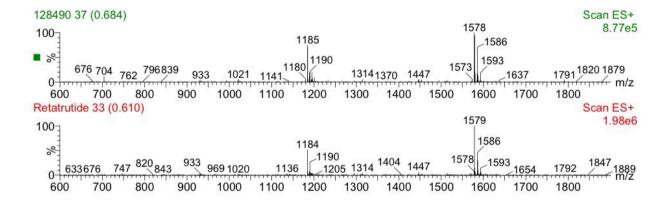
#### Time Response\_



Time



## Mass spectrum/Reference Spectrum



### **Method Summary**

- 2 mL of purified water is added to the lyophilized powder in the vial, and the contents mixed to dissolve the lyophilized powder.
- An aliquot is taken from the vial and diluted to contain approximately 500 mg/L of the peptide.
- The diluted sample is analyzed by HPLC-UV-MS.
- The mass spectrum obtained is compared to an authentic standard of the peptide for identification.
- The total area of all of the peaks in the chromatogram is calculated, and the area of the peak of the peptide is divided by the total area to obtain the chromatographic purity value, reported in percent.
- The area of the peptide is compared to the area of the peptide peak in the known standard to obtain a concentration in the solution. This concentration is used to calculate the total mass of peptide in the vial, which is compared to the stated mass (label claim) and reported as both total mass in the vial and as a percent of the label claim.

# **Testing Certificate Authentication**



FINNRICK TEST CERTIFICATE ID xy6yxvm

**PRODUCT** 

Retatrutide 10mg from Pure Tested Peptides

**BATCH ID** 

20250710V

**TESTED BY** 

Krause Analytical on 18 Sept 2025

**VERIFICATION URL** 

https://www.finnrick.com/testingcertificate/retatrutide/pure-testedpeptides/20250918-e-xy6yxvm

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