

Finnrick Analytics
Finnrick.com
Austin, TX



Project 135362
Lab # 129079
Date Rec'd 9/26/2025
Report Issued 10/9/2025

Project

Sample Tesamorelin 5 mg k8scg4y

Certificate of Analysis



Analyte

Peptide Analysis

Chromatographic purity

Result

99.01

0.5

LOQ

%

Method

HPLC-UV/MS

Date

10/9/2025

Total peptide mass

5.53

0.5

Units

mg

Method

HPLC-UV/MS

10/9/2025

Tesamorelin

ID Confirmed

Method

HPLC-UV-MS

10/9/2025

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

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Chromatogram

Response_

1500000
1400000
1300000
1200000
1100000
1000000
900000
800000
700000
600000
500000
400000
300000
200000
100000
0

049-4901.D\DAD1A (-,*)

8.87

Sample: 129079

Total Area: 6.66783e+007

Peptide Area: 6.60213e+007

Time

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00

1

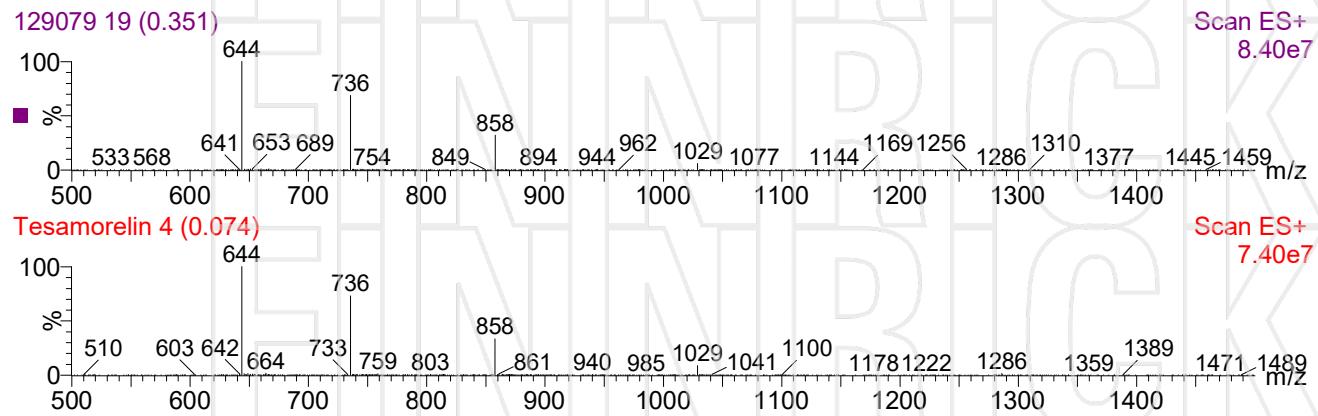
1

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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.

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