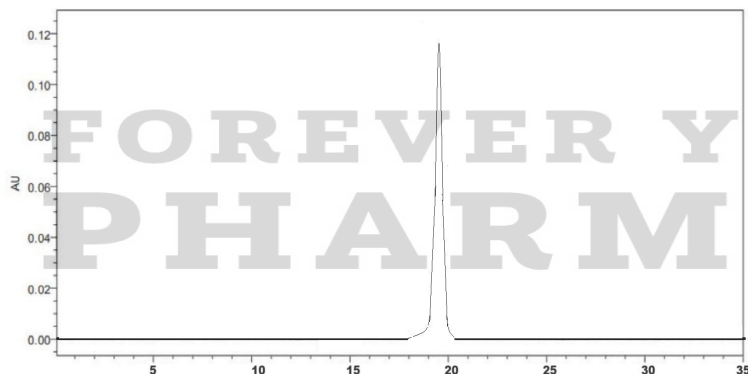


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Mazdutide 10 mg
Client Name/Lot No.	Certified Peptides
Sequence	His- {Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Glu-Lys-Lys-Ala-Lys- {AEEA-AEEA-γGlu-Nonadecanoic acid}-Glu-Phe-Val-Glu-Trp-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-NH ₂
Dissolution condition	100% H ₂ O
Length	21AA
Molecular Weight	4476 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	19.225	99.531

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	10.22 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.5%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.3%
	Total Impurity ≤2.0%	0.5%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	220nm
Analytical Column Type	Agilent ZORBAX StableBond 5μm C18 (4.6*250mm*5 μm)
Dissolution Method	100% H ₂ O
Injection Volume	20uL

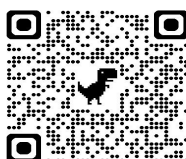
CONCLUSION

One 3ml vial contained a white lyophilized powder and has a blue cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.5% mazdutide (10.22 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
08/14/2025



****Verify the validity of test results by contacting support@foreveryoungpharmacy.com****