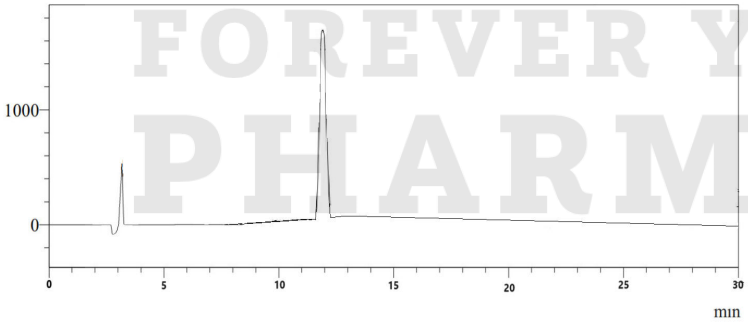
FOREVER YOUNG PHARMACY

CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	AOD-9604 5mg (Anti-Obesity Drug)
Client Name/Lot No.	Biopep LLC / Lot# 25160
Sequence	Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe Disulfide bridge Cys7-Cys15
Dissolution condition	100% H2O
Length	16AA
Molecular Weight	1875.1 g/mol

CHROMATOGRAM



Peak#	Ret. Time	Area %
1	9.648	0.037
2	11.127	0.300
3	12.022	99.504
4	12.911	0.159

TEST RESULTS

	Specifications	Results
Strength	5.00 mg	5.23 mg
Appearance	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	1.2ml/min
Wavelength	220nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	30uL

CONCLUSION

One 3ml vial contained a white lyophilized powder with a yellow cap with a silver crimp and lot# 25160.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.5% AOD-9604 (5.23 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
06/10/2025

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