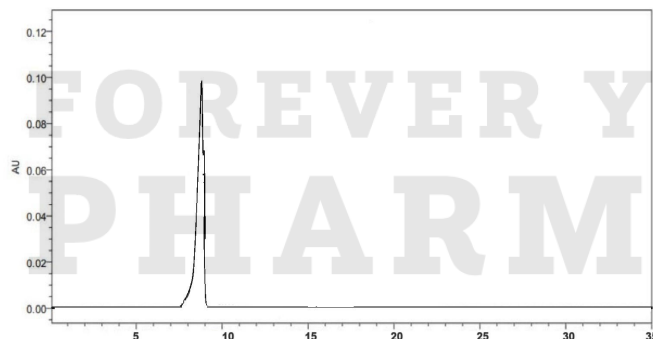


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

<b>Product Name</b>	ARA-290 16 mg
<b>Client Name/Lot No.</b>	Forever Young Pharmacy / Lot# 25ARA1602
<b>Sequence</b>	Pyr-Glu-Gln-Leu-Glu-Arg-Ala-Leu-Asn-Ser-Ser-OH
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	11AA
<b>Molecular Weight</b>	1257 g/mol

**CHROMATOGRAM**

Peak #	Ret. Time	Area %
1	12.509	99.576

**TEST RESULTS**

	Specifications	Results
<b>Strength</b>	16.00 mg	16.73 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.6%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.4%

**TEST PARAMETERS**

<b>Pump A</b>	0.1% trifluoroacetic in 100% water
<b>Pump B</b>	0.1% trifluoroacetic in 100% acetonitrile
<b>Total Flow</b>	1.0ml/min
<b>Wavelength</b>	220nm
<b>Analytical Column Type</b>	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
<b>Dissolution Method</b>	100% H2O
<b>Injection Volume</b>	20uL

**CONCLUSION**

One 3ml contained a white lyophilized powder and has an orange cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.6% ARA-290 (16.73 mg), and the rest are impurities of minor significance.

**CERTIFIED BY:**

Dane Fredericksen  
Analytical Chemist  
08/20/2025



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