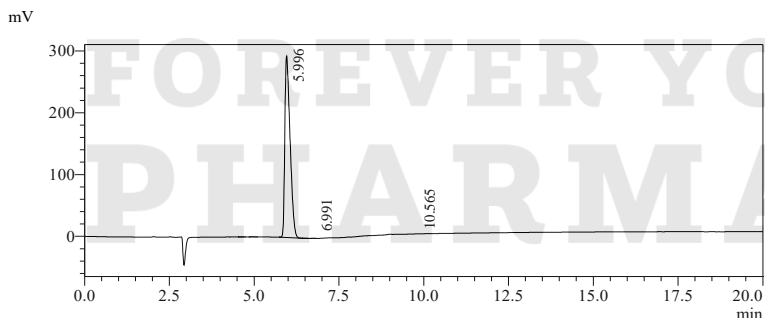


**CERTIFICATE OF ANALYSIS**

**SAMPLE INFORMATION**

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Product Name</b>          | Prostamax 20mg                        |
| <b>Client Name/Lot No.</b>   | Forever Young Pharmacy / Lot# 2412P20 |
| <b>Sequence</b>              | Lys-Glu-Asp-Pro (KEDP)                |
| <b>Dissolution condition</b> | 100% H2O                              |
| <b>Length</b>                | 4AA                                   |
| <b>Molecular Weight</b>      | 487.5 g/mol                           |

**CHROMATOGRAM**



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1      | 5.996     | 99.321 |
| 2      | 6.991     | 0.402  |
| 3      | 10.565    | 0.277  |

**TEST RESULTS**

|                   | Specifications                        | Results  |
|-------------------|---------------------------------------|----------|
| <b>Strength</b>   | 20.00 mg                              | 20.22 mg |
| <b>Appearance</b> | White to off white lyophilized powder | Conforms |
| <b>Purity</b>     | ≥98.0%                                | 99.3%    |
| <b>pH value</b>   | 6.0-8.0                               | 7.0      |
| <b>Impurity</b>   | Single Impurity ≤1.0%                 | 0.4%     |
|                   | Total Impurity ≤2.0%                  | 0.7%     |

**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 vial contained a white lyophilized powder and has a clear cap with silver foil.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.3% Prostamaxi (20.22 mg), and the rest are impurities of minor significance.

**CERTIFIED BY:**



Dane Fredericksen  
Analytical Chemist

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