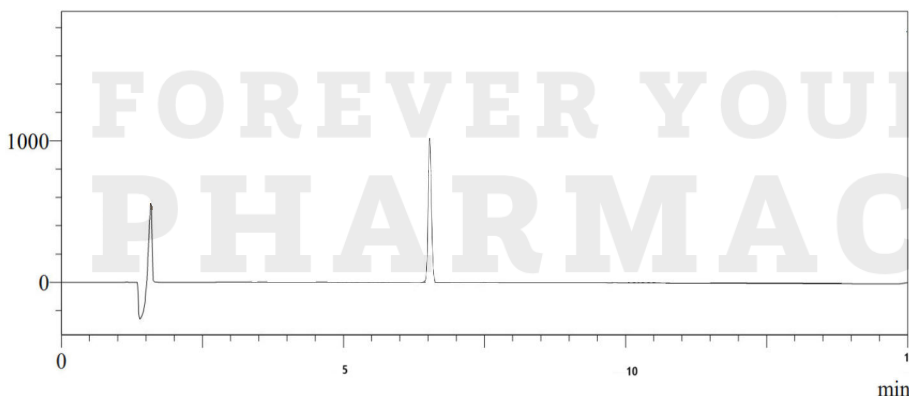


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

| | |
|------------------------------|---|
| Product Name | Humanin 10mg |
| Client Name/Lot No. | Ai-Peptides |
| Sequence | Met-Ala-Pro-Arg-Gly-Phe-Ser-Cys-Leu-Leu-Leu-Leu-Thr-Gly-Glu-Ile-Asp-Leu-Pro-Val-Lys-Arg-Arg-Ala |
| Dissolution condition | 100% H2O |
| Length | 24AA |
| Molecular Weight | 2622.9 g/mol |

CHROMATOGRAM



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 6.521 | 98.713 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 10.00 mg | 10.17 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 98.7% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.4% |
| | Total Impurity ≤2.0% | 1.3% |

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% H2O |
| Injection Volume | 20uL |

CONCLUSION

A 3ml vial contained a white lyophilized powder and has a clear cap with a bronze crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 98.7% humanin (10.17 mg), and the rest are impurities of minor significance.

CERTIFIED BY:



Dane Fredericksen
Analytical Chemist
08/18/2025



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