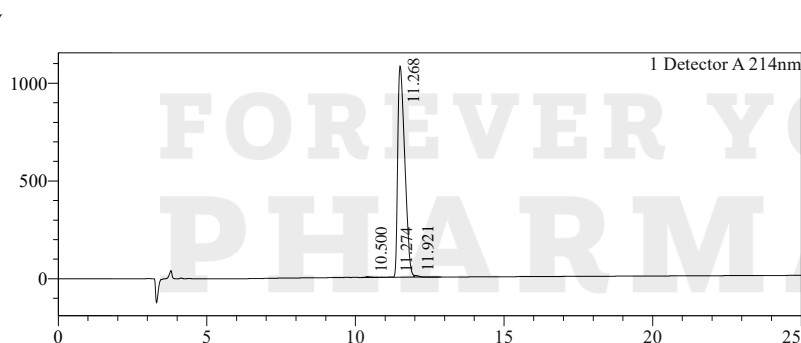


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

| | |
|------------------------------|---|
| Product Name | MOTS-C 10 mg |
| Client Name/Lot No. | Forever Young Pharmacy / Lot# 82441 |
| Sequence | Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg |
| Dissolution condition | 100% H2O |
| Length | 16AA |
| Molecular Weight | 2174.60 g/mol |

CHROMATOGRAM



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 10.500 | 0.049 |
| 2 | 11.268 | 99.639 |
| 3 | 11.274 | 0.123 |
| 4 | 11.921 | 0.189 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 10.00 mg | 11.22 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 99.6% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.2% |
| | Total Impurity ≤2.0% | 0.4% |

TEST PARAMETERS

| | |
|-------------------------------|--|
| Pump A | 0.1% trifluoroacetic in 100% water |
| Pump B | 0.1% trifluoroacetic in 100% acetonitrile |
| Total Flow | 1.0ml/min |
| Wavelength | 214nm |
| Analytical Column Type | Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm) |
| Dissolution Method | 100% H2O |
| Injection Volume | 20uL |

CONCLUSION

One 3ml contained a white lyophilized powder and has a yellow cap with a silver crimp and Lot# 82441.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.6% MOTS-C (11.22 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****