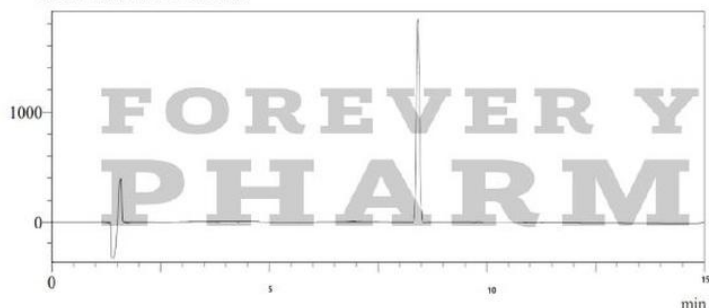


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

| | |
|------------------------------|--|
| Product Name | Melanotan II 10mg |
| Client Name/Lot No. | Phantom Peptides |
| Sequence | Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH2 |
| Dissolution condition | 100% H2O |
| Length | 7AA |
| Molecular Weight | 1024.18 g/mol |

CHROMATOGRAM



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 7.477 | 0.093 |
| 2 | 7.656 | 0.112 |
| 3 | 8.012 | 0.058 |
| 4 | 8.199 | 99.737 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 10.00 mg | 11.20 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 99.7% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.1% |
| | Total Impurity ≤2.0% | 0.3% |

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 | 30uL |

CONCLUSION

One 3ml vial contained a white lyophilized powder and has a yellow flip off cap with silver crimp and is Batch #2.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% melanotan II (11.20 mg), and the rest are impurities of minor significance.

CERTIFIED BY:



Dane Fredericksen
Analytical Chemist
02/16/2026



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