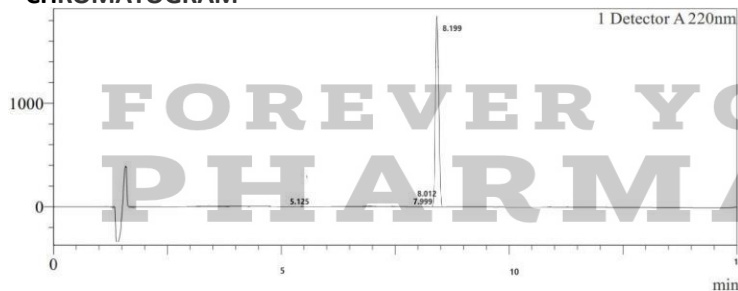


**CERTIFICATE OF ANALYSIS**

**SAMPLE INFORMATION**

<b>Product Name</b>	Melanotan II 10mg
<b>Client Name/Lot No.</b>	Forever Young Pharmacy / Lot# 22465
<b>Sequence</b>	Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH2
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	7AA
<b>Molecular Weight</b>	1024.18 g/mol

**CHROMATOGRAM**



Peak #	Ret. Time	Area %
1	5.125	0.049
2	7.999	0.022
3	8.012	0.098
4	8.199	99.831

**TEST RESULTS**

	Specifications	Results
<b>Strength</b>	10.00 mg	11.59 mg
<b>Appearance</b>	White to off white crystallized powder	Conforms
<b>Purity</b>	≥98.0%	99.8%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

**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>	30uL

**CONCLUSION**

One 3ml vial contained a white lyophilized powder and has a yellow cap with a silver foil with Lot# 22465.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% melanotan II (11.59 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\*\***