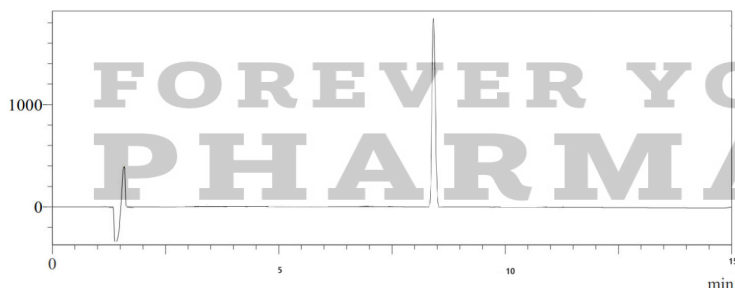


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	Melanotan II 10mg
Client Name/Lot No.	YOUR COMPANY NAME HERE / LOT# 25MT203
Sequence	Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH <sub>2</sub>
Dissolution condition	100% H <sub>2</sub> O
Length	7AA
Molecular Weight	1024.18 g/mol

**CHROMATOGRAM**

Peak #	Ret. Time	Area %
1	8.199	99.831

**TEST RESULTS**

	Specifications	Results
Strength	10.00 mg	10.69 mg
Appearance	White to off white crystallized powder	Conforms
Purity	≥98.0%	99.8%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

**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% H <sub>2</sub> O
Injection Volume	30uL

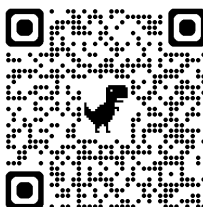
**CONCLUSION**

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% melanotan II (10.69 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\*\***