

CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Kisspeptin 10 mg
Client Name/Lot No.	AvivaAmino / Lot# N/A
Sequence	Tyr-Asn-Trp-Ser-Phe-Gly-Leu-Arg-Phe
Dissolution condition	100% H2O
Length	10AA
Molecular Weight	1302.45 g/mol

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	11.77 mg
Appearance	White to off white crystallized 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	20uL

CONCLUSION

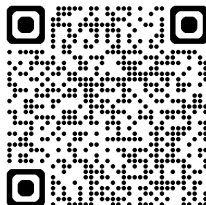
One 3mL vial contained a white lyophilized powder and has a blue cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% Kisspeptin (11.77 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

FY Analytics

Forever Young Analytics
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****Verify the validity of test results by contacting support@fyanalytics.com****

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