



CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Oxytocin 10mg
Client Name/Lot No.	AvivaAmino / Lot# N/A
Sequence	Cysteine - tyrosine - isoleucine - glutamine - asparagine - cysteine -proline - leucine - glycine
Dissolution condition	100% H2O
Length	9AA
Molecular Weight	1007.19 g/mol

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	13.21 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.5%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.3%
	Total Impurity ≤2.0%	0.5%

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

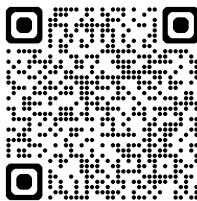
One 3ml vial contained a white lyophilized powder and has a blue cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.5% oxytocin (13.21 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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