

CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Retatrutide 20 mg
Client Name/Lot No.	AvivaAmino / Lot# N/A
Sequence	Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- α -Me-Leu-Leu-Asp-Lys-{diacid-C20-gamma-Glu-(AEEA)-Lys}-Ala-Gln-{Aib}-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂ (sodium salt)
Dissolution condition	100% H ₂ O
Length	39AA
Molecular Weight	4731.33 g/mol

TEST RESULTS

	Specifications	Results
Strength	20.00 mg	21.32 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.8%
pH value	6.0-8.0	8.0
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 ₂ O
Injection Volume	30uL

CONCLUSION

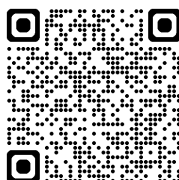
One 3ml vial contained a white lyophilized powder and has a clear cap with a bronze crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% retatrutide (21.32 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

FY Analytics

Forever Young Analytics
02/12/2026



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

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