



CERTIFICATE OF ANALYSIS

Product Name T5
Client/Lot No. Enzymic Chemical Supply

Sequence Tyr-(Aib)-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-(Aib)-Leu-Asp-Lys-Ile-Ala-Gln-(diacid-C20-gamma-Glu-(AEEA)2-Lys)-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH₂

Dissolution condition 100% H₂O

Length 39AA

Molecular Weight 4813.5 g/mol

	Specifications	Results
Strength	5.00 mg	5.49 mg
Appearance	White to off-white lyophilized powder	Conforms
pH value	6.0-8.0	7.0
Purity	≥98.0	99.7%
Impurity	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.3%

Conclusion

The sample was analyzed using Reverse Phase High Performance Liquid Chromotography (RP-HPLC) and determined to contain 99.7% T5, and no significant impurities were identified.

Certified by:

Analytical Chemist

10/30/2024

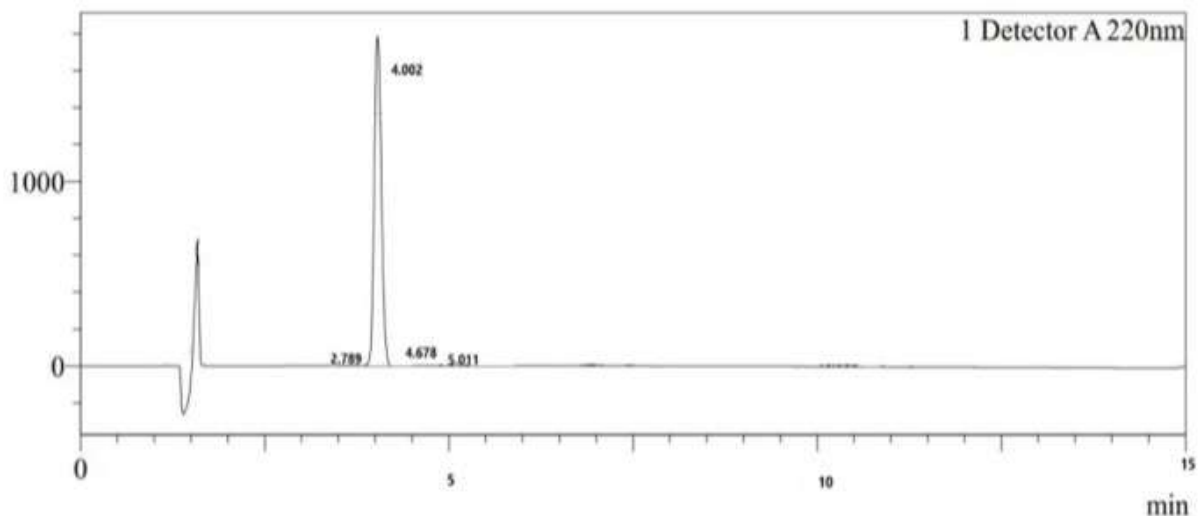




SAMPLE INFORMATION

Name :T5
 Sequence :Tyr-(Aib)-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-(Aib)-
 Leu-Asp-Lys-Ile-Ala-Gln-(diacid-C20-gamma-Glu-
 (AEEA)2-Lys)-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-
 Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2
 Client Name/Lot. No :Enzymic Chemical Supply
 Pump A :0.1% TFA in 100% Water
 Pump B :0.1% TFA in 100% Acetonitrile
 Total Flow :1.0 ml/min
 Wavelength :220nm
 Analytical column type :Agilent ZORBAX StableBond 5 µm C18 (2) (4.6*250mm*5 µm)
 Dissolution method :100%H2O
 Inj. Volume :20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
5.00	Pumps	B.Conc	75
10.00	Pumps	B.Conc	95
15.00	Pumps	B.Conc	75
20.00	Pumps	B.Conc	30
25.00	Controller	Stop	



Peak Table

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area%
1	2.789	1555	1202	0.011
2	4.002	13625546	22569632	99.702
3	4.678	15472	14588	0.132
4	5.011	23496	24569	0.155

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