

**CERTIFICATE OF ANALYSIS**

Product Name T30
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	30.00 mg	33.11 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 Chromatography (RP-HPLC) and determined to contain 99.7% T30, and no significant impurities were identified.

Certified by:

Analytical Chemist

10/30/2024

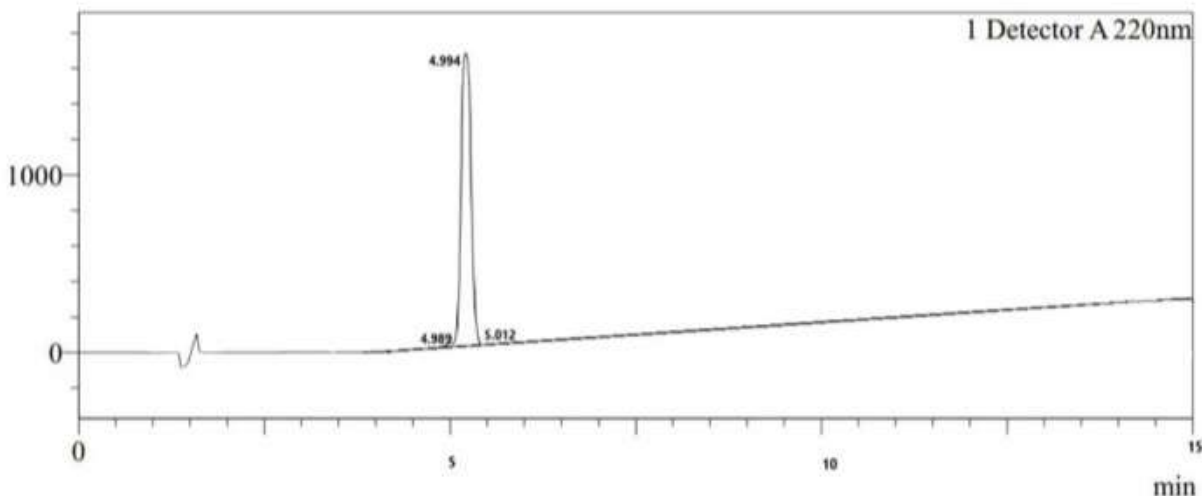




SAMPLE INFORMATION

Name :T30
 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	4.989	12123	25102	0.123
2	4.994	11621521	11345239	99.711
3	5.012	21111	35956	0.166

Certified by:

Analytical Chemist

10/30/2024





CERTIFICATE OF ANALYSIS

CLIENT: 0096
CONTACT: Enzymic Chemical Supply

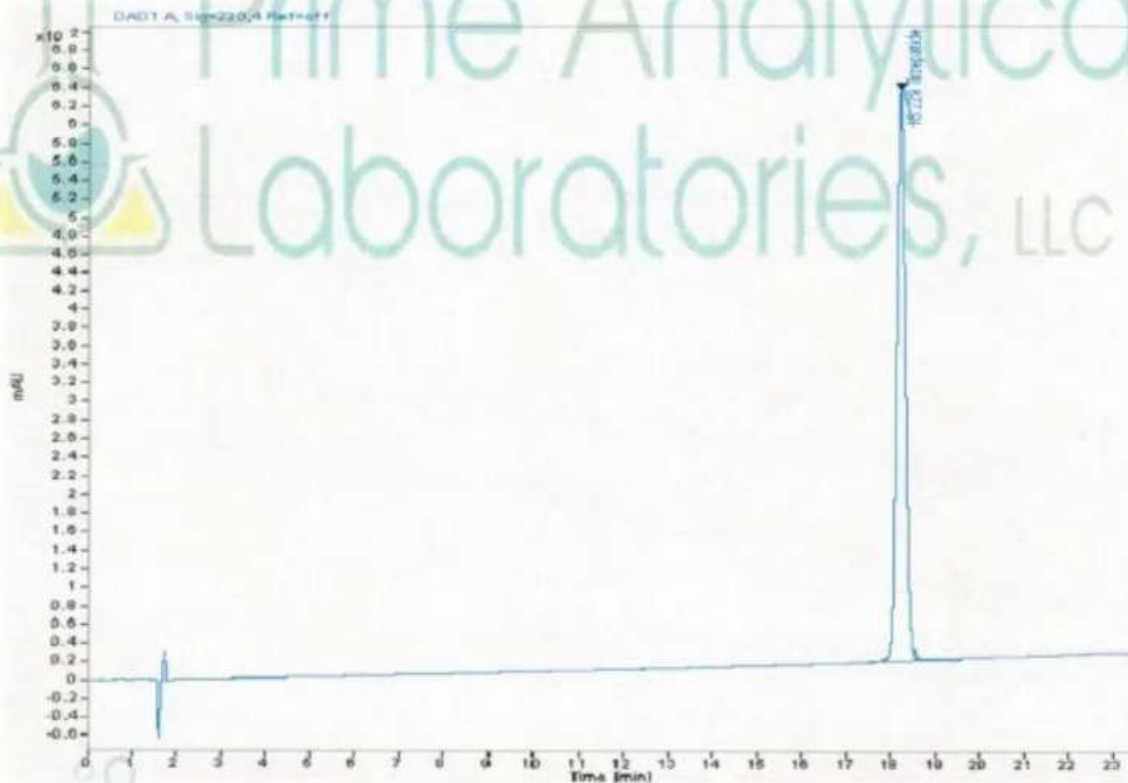
REPORT DATE: 21Feb25
REPORT NUMBER: RP096-13Feb25-4
QUOTE No.: QU-0833
PAGE: 1 of 1

SAMPLE IDENTIFICATION

Sample Description: Lyophilized Powder
Sample Label: Tirzepatide 30mg
PAL Sample Number: 007592

Date Received: 13Feb25
Sample Lot Number: Not Provided
Tests Requested: HPLC Purity , NPC

PAL Sample Number	Analysis Date	Net Peptide Content (mg)	% Purity
007592	20Feb25	30.16	100.00



Signal:	DAD1 A, Sig=220,4 Ref=off					
RT [min]	Type	Width [min]	Area	Height	Area%	Name
18.229	BB	0.2155	8506.7002	614.5523	100.0000	Tirzepatide
	Sum		8506.7002			

Prepared by/Date:

[Signature]
21Feb25
Laboratory Services

Approved by/Date:

[Signature]
24Feb25
Quality Assurance

4055 Nelson Ave, Concord, CA 94520
Office (925) 235-1242

CONFIDENTIAL