

CERTIFICATE OF ANALYSIS

Product Name	Tirzepatide
Cas No	2023788-19-2
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-NH ₂
Dissolution condition	30%ACN+90%H ₂ O
Modification	N/A
Molecular Weight (MW)	4813.45 ± 1
Storage	-20°C

Test Items	Specifications	Results
Purity by HPLC	>99.0%	99.68%
Peptide Content	>85.0%	94.94%
Moisture content	<10%	3.9%
Sodium salt	<5.0%	0.85%
Appearance	White to off-white lyophilized powder	Conforms

Certified by:
Quality Assurance Department

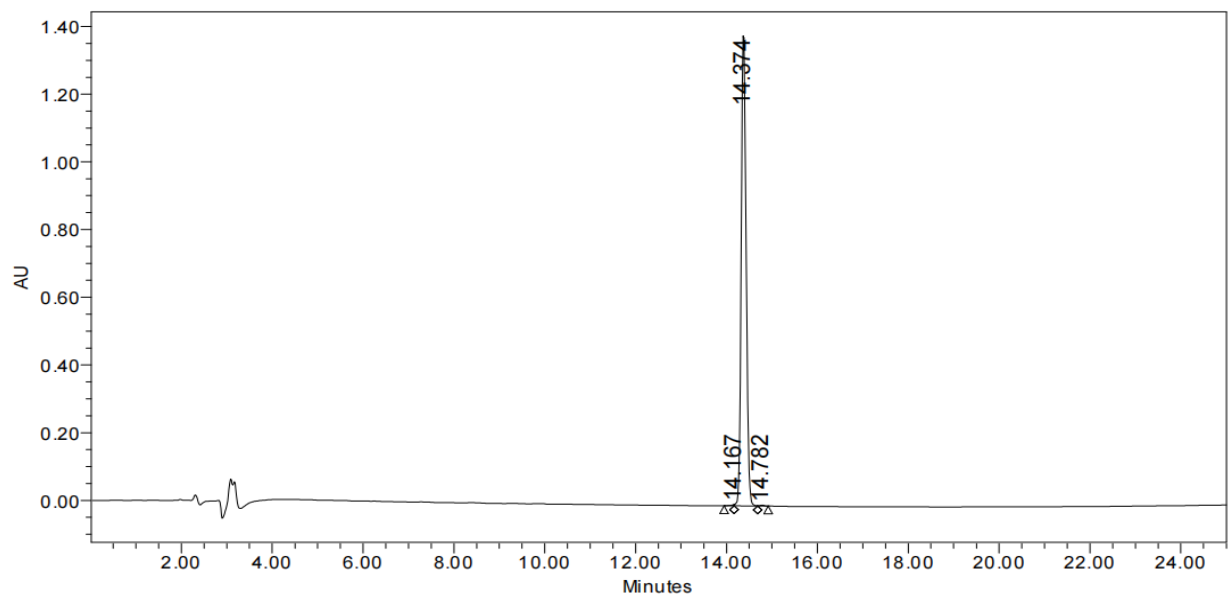
Date 05/10/2024

Note: this product is intended for research use only.

Sample Information

Product Name : Tirzepatide
 Cas No : 2023788-19-2
 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-T
 rp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2
 Lot No : JT-185095
 Pump A : 0.1% Trifluoroacetic in 100% Water
 Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile
 Total Flow : 1ml/min
 Wavelength : 220nm
 Analytical column type : SHIMADZU Inertsil ODS-SP (4.6*250mm*5um)
 Inj. Volume : 30ul

Time	Module	Action	Value
0.00	Pumps	B.Conc	30
25.00	Pumps	B.Conc	90
25.01	Pumps	B.Conc	100
30.00	Pumps	B.Conc	100
30.01	Pumps	Stop	



	RT	Area	% Area	Height
1	14.167	14786	0.14	4018
2	14.374	10413997	99.68	1397698
3	14.782	18522	0.18	2486



SlimPeptide

SLIMNESS WITHOUT EFFORT

TIRZEPATIDE P 9 (0.166)

Scan ES+
1.33e7

