

CERTIFICATE OF ANALYSIS

Product Name	Tirzepatide
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	100%H ₂ O
Length	39AA
Modification	sodium salt
Molecular Weight (MW)	4813.45
Salt content type	sodium salt
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4813.20	Conforms
Purity by HPLC	>98%	98.886%
Peptide Content	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	1000mg	50.0mg*20vials

Certified by: _____ Date 07/02/2024

Quality Assurance Department

Note: this product is intended for research use only; not for diagnostic or human use.