

RESEARCH PEPTIDE | WHITE POWDER | BULK BATCH SOURCE REPORT

Tirzepatide 10 mg

10MG denotes the product size sold; this source report covers the bulk manufacturing batch it was packed from.

Peptide Name	Tirzepatide	Manufacturing	2026/02/17
Molecular Formula	C225H348N48O68	Report Date	2026/02/21
Molecular Weight	4813.45	Re-test Date	2027/02/21
CAS No.	2023788-19-2	Packing Size	1Kg/bag
Appearance	White powder	Storage Conditions	-15°C to -25°C
Reference Standard	Reference Ch.P		

Sequence

Tyr-{Aib}-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{Aib}-Leu-Asp-Lys-Ile-Ala-Gln-{diacid-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

PURITY (HPLC)	WATER CONTENT	APPEARANCE
99.4%	3.26%	Conforms

Analytical results

Test	Specification	Result
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥ 99.0%	99.4%
Water Content (Karl Fischer)	≤ 8.0%	3.26%
Related Substance — Total Impurities	≤ 1.5%	0.6%
Related Substance — Largest Single Impurity	≤ 0.5%	0.31%
Sodium ion	≤ 2%	1.46%
Residual TFA	≤ 0.5%	N.D.
Residual Acetonitrile	≤ 410 ppm	181 ppm
Microbiological — TAMC	≤ 100 cfu/g	≤ 10 cfu/g
Microbiological — TYMC	≤ 100 cfu/g	≤ 10 cfu/g
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg

This certificate reproduces the results issued by the manufacturer's quality-control laboratory for the bulk batch this product was packed from, re-set for legibility; all values, methods and dates are as issued. Purity was determined by HPLC; water content by Karl Fischer titration; related substances by HPLC; microbiological examination per TAMC/TYMC; and bacterial endotoxin per the manufacturer's standard method. Results are specific to the sample(s) provided and are for informational purposes only; they should be interpreted by qualified professionals within the scope of the intended research. The peptide tested is supplied strictly for laboratory and in-vitro research use - not for human or veterinary use, nor for diagnostic, therapeutic or clinical applications.