

# AurumLabs

3rd Floor, 86-90 Paul Street, London, England, United Kingdom, EC2A 4NE

## CERTIFICATE OF ANALYSIS

Product Name	Tirzepatide		
CAS NO.	2023788-19-2	Batch No.	2025112301
QTY	1.85kg	Manufacturing Date	2025/11/25
Reference Standard	Enterprise Standard	Testing Date	2025/12/29
Sequence:	Tyr- {Aib} -Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- {Aib} -Leu-Asp-Lys-IleAla-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-NH <sub>2</sub>		
No.	Item	Specification	Test result
1	Appearance	White to off-white fluffy powder	Conform
2	Solubility	Soluble in water	Conform
3	Water Content (Karl Fischer)	≤ 10.0%	4.10%
4	Sodium ion	≤ 5.0%	1.58%
5	Peptide Purity (By HPLC)	≥98.0%	99.60%
6	Peptide Assay	≥80.0%	94.80%
7	Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.45%
		Largest Single Impurity(%)≤1.0%	0.15%
8	Organic Solvent Residue	Acetonitrile≤0.041%	<0.041%
		Methylene chloride≤0.060%	<0.060%
		N,N-Dimethylformamide≤0.088%	<0.088%
9	Condition of Storage	2~8°C	
Conclusion	The product conforms with enterprise standard and qualified		