

COA 质量检验报告



杭州凯莫思生化科技有限公司
Kaimosi BioChem Tech Co., Ltd

Kaimosi BioChem Tech Co., Ltd

Add: Suite# 21A, No. 1 Building, Guodu Development Mansion, No. 182 Chaohui Road, Hangzhou China.

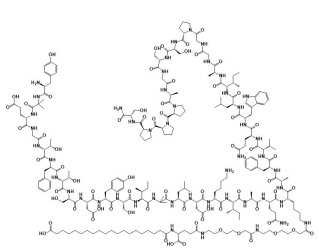
Tel : +(86) 571 87162326

Website: www.kaimosi.com

Fax: +(86) 571 87191975

Email: Sales@kaimosi.com

CERTIFICATE OF ANALYSIS

Product Name:	Tirzepatide		
Molecular Formula:	C225H348N48O68		
Molecular Weigh:	4813.8		
Batch No.:	20230902	CAS No:	2023788-19-2
Mfg. Date:	2023-09-02		
Date of Report:	2023-09-02	Quantity:	2kg
Expired Date:	2025-09-01	Package:	Bag
Item	Specifications		Results
Appearance	White or almost white fluffy powder		Conforms
Solubility	Soluble in water		0.26%
Water Content (Karl Fischer)	≤ 8.0%		4.2%
Sodium ion	≤ 5.0%		1.56%
Peptide Purity (By HPLC)	≥ 98.0%		99.31%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%		0.69%
	Largest Single Impurity(%) ≤ 1.0%		0.33%
Bacterial Endotoxins	≤10EU/mg		≤0.5EU/mg
Total Aerobic Microbial Count	≤10 ² cfu/g		Conforms
Total Yeast And Mold Count	≤10 ² cfu/g		Conforms

Assay	$\geq 90.0\%$	92.0%
Residual Solvents	Acetonitrile:NMT 410ppm	83ppm
	Dichloromethane:NMT 600ppm	Not detected
	DMF:NMT 880ppm	Not detected
Chloroplatinate Ion	Trifluoroacetic Acid: $\leq 0.5\%$	Not detected
	Acetate Ion: $\leq 0.1\%$	Not detected
Storage	In an airtight container,protected from light,at a temperature of 2°C to 8°C.	
Conclusion	The test results conforms with enterprise standards	

