

Certificate Of Analysis

Product Name: Tirzepatide		
CAS No.: 2023788-19-2	MF.: C ₁₁₆ H ₁₈₉ N ₃₇ O ₃₁	MW.:Mr =2551.07
Batch No.: PG-RETA-26010801	Batch Quantity: 1600g	Test Standard: Enterprise Standard
Test items	Specification	Results
Appearance	White or off-white powder	Conforms
Identity By ESI-MS	2551.07±1	Conforms
Purity(HPLC)	≥99%	99.17%
Water Content(Karl Fischer)	≤8.0%	4.1%
Peptide Content	≥85%	89.5%
Acetic acid Content	≤0.5%	N.D
Sodium Content	≤5.0%	2.3%
PH	6.0-9.0	7.7
Bacterial Endotoxins	<10 EU/mg	Conforms
ACN(乙腈)	≤410 ppm	156 ppm
DMF(N,N-二甲基甲酰胺)	≤880 ppm	N.D
Ethanol(乙醇)	≤5000 ppm	N.D
Tetrahydrofuran(四氢呋喃)	≤720 ppm	N.D
DCM(二氯甲烷)	≤600 ppm	N.D
TAMC	≤100 cfu/g	<20 cfu/g
TYMC	≤100 cfu/g	<20 cfu/g
Total impurities	≤1.0%	0.65%
Conclusion:	Conforms to all requested specifications	
MFG Date:	Jan 16,2026	
Expiry Date:	Jan 15,2028	

Storage:Keep drv,Away from light and store at 2°C-8°C,long term store at-15°C to-25°C!

Reported By: Zhonghui Liu

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