

Certificate of Analysis

Product Name	Tirzepatide sodium salt	Batch No.	M23M10175
CAS No.	2023788-19-2	MFG. Date	Oct 17, 2023
CAT No.	P100130	Retest Date	Oct 16, 2025
Items	Specification	Results	
Appearance	White powder	Conforms	
Solubility	Soluble in water (50mg/ml)	Conforms	
MS	4813.5±1.0	4813.1	
Purity (HPLC)	≥ 98.0%	99.33%	
Sodium ion	≤4.0%	1.4%	
Water content(KF)	≤8.0%	3.7%	
Trifluoroacetate	< 0.5%	N.D	
Acetic acid	≤ 0.5%	N.D	
Endotoxins	Less than 10IU/mg	Conforms	
pH	6.0~9.0(50mg/ml)	8.4	
Peptide content(N%)	≥85.0%	92.1%	
Assay	97.0%-103.0%(anhydrous and acetic acid free substance)	97.1%	
Residual solvent Acetonitrile N,N-Dimethylformamide DCM	NMT 410 ppm NMT 880 ppm NMT 600ppm	73ppm N.D 4ppm	

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Address: 63 Chestnut Rd, STE 5 Paoli, PA 19301, USA

Conclusion	Corresponds.
Storage Condition	Short-term storage: 2-8 °C Long-term storage: -20 °C

QC:

Alex Foster

QA:

Felix Hobart

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