

CERTIFICATE OF ANALYSIS

Production	Tirzepatide		
Production Date	2026/2/13	Batch No.	HJ20260213
Purity	95% min	MW	2956.5g/mol
CAS NO	1621169-52-5	MF	C133H227N43O33
Sample From	2nd Work Shop	Sample Date	2026/2/13
Packing	as your requirements		

Test Item	Specification	Result
Appearance	white or off whie powder	Conforms
Solubility	Soluble in H2O	Conforms
HPLC	The principal peak in the chromatogram obtained with test solution is similar in retention time and size to the principal peak in test solution is similar in retention the chromatogram obtained with reference solution	The principal peak in the chromatogram obtained with test solution is similar in retention time and size to the principal peak in test solution is similar in retention the chromatogram obtained with reference solution
clarity and color of solution	Clear and colorless	Conforms
Purity(HPLC)	98%	99.12%
Water	≤10.0%	3.5%
Acetic acid	≤5.0%	N.D
Sodium ion	≤3.0%	2.3%
Bacterial endotoxin	<10EU/mg	Conforms
Residual solvents	Methanol:≤0.5% Isopropanol:≤0.5% Acetonitrile≤0.041% Methylene chloride:≤0.06% N,N-Dimethylformamide:≤0.088% Tert-butyl methyl ether:≤0.5%	Methanol:N.D Isopropanol:N.D Acetonitrile:0.025% Methylene chloride:N.D N,N-Dimethylformamide:N.D Tert-butyl methyl ether:N.D
Peptide Assay	≥90. 0%	Conforms
Packaging and storage	at a temperature of 2~8°C,protected from light	
Conclusion	The test results comply with the requirements of in-house specification	
Identification	Consistent with reference	Pass

QUALITY CONTROL DEPT. MANAGER:L.Mai