

# Certificate of Analysis

Product Name	CAS Number	Batch Number
Retatrutide	2381089-83-2	JPB2511050567
Manufacturer Date	Analysis Date	Expiry Date
2025-11-04	2025-11-05	2027-11-03
Sample Qty Base	Packing	Test Method
1.00 KGS	20GS/ BOTTLE	HPLC

Item	Standard	Results
Purity	≥99%	99.78%
Peptide Assay	≥ 80%	95.48%
Mass Spectrum	4731.33 ± 0.5	4731.32
Total impurities	≤0.5%	0.06%
Appearance	White fine powder	Complies
Clarity and color of solution	Clear and colorless	Complies
PH	6.0 – 9.0	7.38
Sodium ion	≤3.0%	2.72%
Water	≤10.0%	1.56%
Residual Solvent:		
Methanol	≤0.3%	0.0062%
Isopropanol	≤0.5%	N.D.
Acetonitrile	≤0.041%	0.013%
Methylene Chloride	≤0.06%	0.029%
N,N-Dimethylformamide	≤0.088%	N.D.
Triethylamine	≤0.032%	0.030%
Endotoxin	≤0.5 EU/mg	Complies
Microbial Limit	Total aerobic bacteria <100 CFU/g Total yeast & mold <50 CFU/g	<50 CFU/g <20 CFU/g

Packaging format	Sealed outlet-level barrel packaging and double-layer sealed plastic bags
Storage	Keep in dark and cool dry place((-20°C to 8°C)
Conclusion	The batch conforms to the IN-HOUSE standard

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Reviewer: 林婧怡

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