

# Certificate of Analysis

HPLC-verified · documented per batch

PRODUCT NAME	Retatrutide
CAS NO.	2381089-83-2
MOLECULAR FORMULA	$C_{221}H_{342}N_{46}O_{68}$
MOLECULAR WEIGHT	4731.33
BATCH NO.	20260327
MANUFACTURE DATE	27 Mar 2026
TEST DATE	27 Mar 2026
RETEST DATE	26 Mar 2028
QUANTITY	8 kg
STORAGE	Preserve in an airtight container, protected from light, at -20°C. Ship at 2-8°C.

ITEM	SPECIFICATION	RESULT
Appearance / colour	White or almost white powder	White powder
Solubility	Freely soluble in water	Conforms
Peptide content	≥ 85.0%	94.7%
Water content (K.F)	≤ 8.0%	4.9%
Peptide purity (by HPLC)	≥ 98.0%	99.6%
Related substance (by HPLC)	Total impurities ≤ 2.0%	0.4%
	Maximum single impurity ≤ 1.0%	0.2%
	Acetonitrile ≤ 410 ppm	Conforms
Residual solvent	Dichloroethane ≤ 600 ppm	Conforms
	N,N-Dimethylformamide ≤ 880 ppm	Conforms
Bacterial endotoxins	< 10 EU/mg	Conforms
Microbial limits	TAMC ≤ 10 <sup>2</sup> cfu/g	Conforms
	TYMC ≤ 10 <sup>2</sup> cfu/g	Conforms

CONCLUSION	The product tested conforms with the in-house standard.
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Q.C.  
Liangyu

Q.C. Manager  
Liwei