SAMPLE

Format reference only

TEST REPORT / 检测报告

SAMPLE INFORMATION / 样品信息

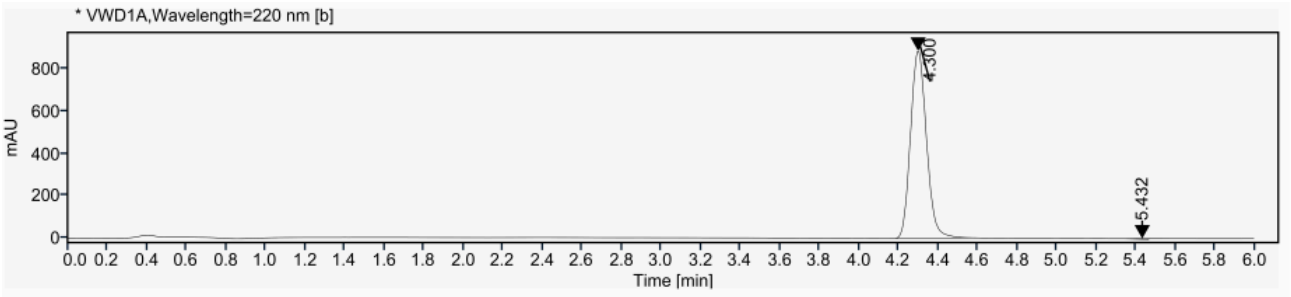
Test For / 检测客户:	**CPT061258**		
Sample / 样品:	**Retatrutide 30**	**Lot Number / 批号:**	**2025-03-12**
Appearance / 外观:	**White Powder**	**CAS No. / CAS号:**	**2381089-83-2**
Received / 收样:	**2026-07-01**	**Analysis / 报告:**	**2026-07-03**



TEST RESULTS / 检测结果

Test Items / 检测项目	Specification / 指标要求	Result / 检测结果
Peptide Purity (HPLC) / 多肽纯度	≥ 98.0%	**99.65 %**
Mass Spectrum / 分子量	Conforms to structure	**Detected**
Net Peptide Content / 净多肽含量	≥ 29.5 mg	**31.8 mg**
Endotoxin / 内毒素	≤ 0.5 EU/mg	**0.018 EU/mg**
Heavy Metals / 重金属	≤ 0.5ppm	**<0.05 ppm, As/Cd/Pb/Hg: not detected**

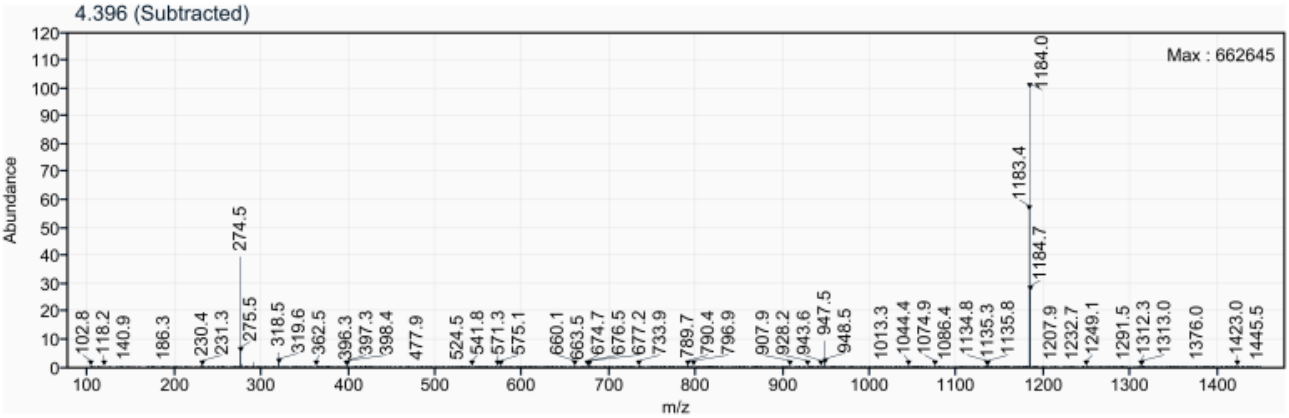
HPLC CHROMATOGRAM / 高效液相色谱图



Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.300	MM m	0.4152	4986.1338	891.7946	99.6589
5.432	MM m	0.1264	17.0681	3.4543	0.3411

MASS SPECTRUM IMAGE / 质谱图



ENDOTOXIN / 内毒素

Endotoxin quantification was performed using the LAL test with a detection limit/sensitivity of 0.02 EU/mL.

Test results are tabulated below:

Sample / Control	Reaction Mixture	Replicate 1	Replicate 2
Sample	0.1 mL LAL + 0.1 mL LRW + 0.1 mL Sample solution	-	-
Positive Product Control (PPC)	0.1 mL LAL + 0.1 mL LRW + 0.1 mL 2λ Standard solution	+	+
Positive Control (PC)	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml positive solution	+	+
Negative Control (NC)	0.1 mL LAL + 0.1 mL LRW + 0.1 mL LRW	-	-

Note: "+" indicates a positive result (gelation); "-" indicates a negative result. (LRW: LAL Reagent Water)

Result: The endotoxin level in the sample is 0.018EU/mg.

Tested by

检测人 2026-07-03

Checked by

复核人 2026-07-03

Peptide purity was determined by HPLC. Molecular identity and structural confirmation were performed by LC-MS/MS where applicable. Net peptide content was determined via nitrogen quantification using an elemental analyzer. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

REPORT AUTHENTICATION

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CPT test reports

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Sample format only

Live reports use a unique Report ID.