Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-3C45B5YT

Lab ID: **RET-676**

REPORTED September 29, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca
ORDER # PTC-822494

END CUSTOMER

NAME Tianxin Biotechnology Co.

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**RET-676**	Received:	**09/18/2026**
Compound:	**Retatrutide**	Analyzed:	**09/29/2026**
Report No.:	**COA-2026-SC-03011**	CAS:	**2381089-83-2**
Lot Number:	**Lot#ZB-RT20526**	Formula:	**$C_{221}H_{342}N_{46}O_{68}$**
Total Mass:	**101.1 mg**	Mol Weight:	**4731.3 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH



§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	Retatrutide	**Retatrutide**	**PASS**
Net Peptide Content:	20.00 mg	**21.08 mg**	
Peptide Fill Accuracy:	≥ 90 %	**105.4 %**	
Chromatographic Purity:	≥ 98 %	**99.4 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). — means not determined.

§ 03 HPLC-MS/MS Detail

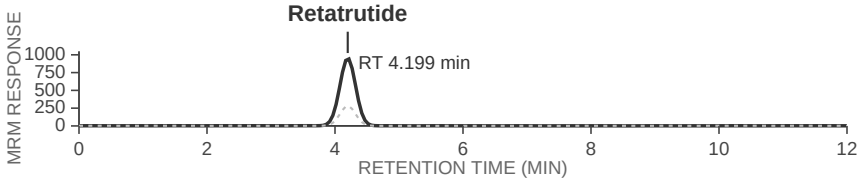
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]5+

947.90 Da

Quantifier transition ● MRM

947.90 › 136.10 CE 30 V



ROLE	TRANSITION	CE
● Quantifier	947.9 › 136.1	30 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

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DISCLAIMER · RESEARCH USE ONLY

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