

Certificate of Analysis

REPORTED September 29, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca
ORDER # PTC-115047



PTC-4F6T4A7R

Lab ID: RET-671

END CUSTOMER

NAME Pepéra Labs Inc.

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID: RET-671
Compound: Retatrutide
Report No.: COA-2026-SC-03117
Lot Number: RT-3-001
Total Mass: 62.6 mg
Appearance: Lyophilized powder

Received: 09/18/2026
Analyzed: 09/29/2026
CAS: 2381089-83-2
Formula: $C_{221}H_{342}N_{46}O_{68}$
Mol Weight: 4731.3 g/mol

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	
Net Peptide Content:	10.00 mg	12.50 mg	
Peptide Fill Accuracy:	≥ 90 %	125.0 %	PASS
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

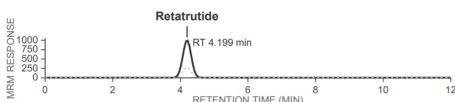
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]⁵⁺

Quantifier transition ● MRM

947.90 Da

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 H₂O · Solvent B: 0.1 % formic acid in Acetonitrile

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PTC-GM3A365Y

Lab ID: ENDO-RET-671

END CUSTOMER

NAME Pepéra Labs Inc.

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID: ENDO-RET-671
Compound: Retatrutide
Report No.: COA-2026-SC-03117-EN
Lot Number: RT-3-001
Total Mass: —
Aliquot mass: 11.7 mg
Appearance: Lyophilized powder

Received: 09/18/2026
Analyzed: 09/23/2026
CAS: 2381089-83-2
Formula: $C_{221}H_{342}N_{46}O_{68}$
Mol Weight: 4731.3 g/mol

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§ 02 Endotoxin Analysis

KINETIC CHROMOGENIC LAL/TAL ENDOTOXIN TEST (USP <85>)

BACTERIAL ENDOTOXIN · KINETIC CHROMOGENIC (QUANTITATIVE)

✓ below 0.11 EU/mL
Measured endotoxin below 0.11 EU/mL is within the 1 EU/mL limit.

Test method	Kinetic Chromogenic LAL/TAL Endotoxin Test (USP <85>)
Measured endotoxin	below 0.11 EU/mL
Endotoxin limit	1 EU/mL

The endotoxin limit is established by the endotoxin test kit manufacturer.

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PTC-USWYTFP

Lab ID: HM-RET-671

END CUSTOMER

NAME Pepéra Labs Inc.

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID: HM-RET-671
Compound: Retatrutide
Report No.: COA-2026-SC-03117-HM
Lot Number: RT-3-001
Total Mass: 62.6 mg
Appearance: Lyophilized powder

Received: 09/18/2026
Analyzed: 09/29/2026
CAS: 2381089-83-2
Formula: $C_{221}H_{342}N_{46}O_{68}$
Mol Weight: 4731.3 g/mol

SAMPLE PHOTOGRAPH



§ 02 Heavy Metals Analysis

ICP-MS · ICH Q3D CLASS 1 · PARENTERAL · AGILENT ICPMS 8800 QQQ

ELEMENT	RESULT	RESULT vs LIMIT	LIMIT	STATUS
HEAVY METALS · ICH Q3D Class 1 · Parenteral limit				
Pb Lead	0.069		≤ 5	✓
Cd Cadmium	BDL		≤ 2	✓
As Arsenic	0.054		≤ 15	✓
Hg Mercury	0.019		≤ 3	✓

Class 1 heavy-metal screen: conforms · QC Pass · Analyzed 2026-09-28 · Bar = result against its limit (tick) · STATUS: green check at/below limit · Fail over it · Warning when a warning range is set · Class-1 (Pb, Cd, As, Hg) limit = ICH Q3D Parenteral PDE (Cd 2.0 · Pb 5.0 · As 15.0 · Hg 3.0) · Units μg/g (= ppm) · LOQ 0.005–0.05 μg/g · BDL = below detection limit

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