

REPORTED July 7, 2026

CLIENT

NAME

Peptide Test Canada

CONTACT

PTC Operations

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info@peptidetestcanada.ca

ADDRESS

Canada

END CUSTOMER

NAME

Viva Peptides

EMAIL

PHONE

ADDRESS

—

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:

PT-002

Total Mass:

—

CAS:

137525-51-0

Compound:

PT-141

Appearance:

Lyophilized powder

Formula:

C₆₂H₉₈N₁₆O₂₂

Report No.:

COA-2026-SC-342

Received:

—

Mol Weight:

1419.5 g/mol

Lot Number:

PT-002

Analyzed:

07/6/2026

§ 02 Endotoxin Analysis

GEL-CLOT LAL/TAL ENDOTOXIN TEST (USP <85>)

BACTERIAL ENDOTOXIN · GEL-CLOT LIMIT TEST

NEGATIVE

Bacterial endotoxin is **below** the kit sensitivity (< 0.25 EU/mL).

Test method	Gel-Clot LAL/TAL Endotoxin Test (USP <85>)
Test kit	FireGene Gel-Clot Endotoxin Test Kit
Reagent	TAL — Tachypleus tridentatus amoebocyte lysate (freeze-dried)
Kit sensitivity	0.25 EU/mL
Incubation	37 °C, 60 ± 2 min
Gel-clot observation	No gel clot — sample flows on inversion

Qualitative limit test.

The gel-clot LAL/TAL assay (USP <85>) detects whether bacterial endotoxin is present at or above the kit's labeled sensitivity (0.25 EU/mL). A firm gel that holds when the tube is inverted is a **positive** result; a sample that flows is **negative**. The assay reports presence or absence relative to that sensitivity threshold — it does not quantify the exact endotoxin concentration.

DISCLAIMER · RESEARCH USE ONLY

This report documents **analytical results only**. Provided for **research purposes only**; not a drug-release or quality certification. SideChain Analytics makes no representation regarding resale, clinical use, or human / veterinary administration of the material.

Peptide Test **Canada**

Certificate of Analysis

Lab ID: **PT-002**

REPORTED July 6, 2026

CLIENT

VERIFY Peptidetestcanada.ca/verify

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END CUSTOMER

NAME Viva Peptides

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ADDRESS —

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID: PT-002

Compound: PT-141

Report No.: COA-2026-SC-00137

Lot Number: COA-2026-SC-00137

Total Mass: 89.1 mg

Appearance: Lyophilized powder

Received: 06/25/2026

Analyzed: 07/05/2026

CAS: 189691-06-3

Formula: $C_{50}H_{68}N_{14}O_{10}$

Mol Weight: 1025.2 g/mol

§ 02 Analytical Results

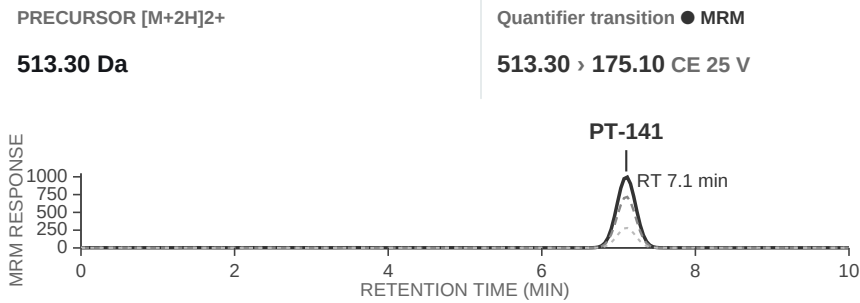
Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	PT-141	PT-141	PASS
Net Peptide Content:	10.00 mg	11.68 mg	
Peptide Label Accuracy:	≥ 90 %	116.8 %	
Chromatographic Purity:	≥ 98 %	99.54 %	

Chromatographic purity is reported as 100 % when no other peak is detected; if any additional peak is detected, the purity will vary from 100 %.

§ 03 LC-MS/MS Detail

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



ROLE	TRANSITION	CE
● Quantifier	513.3 > 175.1	25 V
■ Qualifier	513.3 > 159.1	32 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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REPORTED July 10, 2026

CLIENT		END CUSTOMER	
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		PHONE	—
		ADDRESS	—

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	PT-002	Total Mass:	89.1 mg	CAS:	189691-06-3
Compound:	PT-141	Appearance:	Lyophilized powder	Formula:	C ₅₀ H ₆₈ N ₁₄ O ₁₀
Report No.:	COA-2026-SC-00137-HM	Received:	06/25/2026	Mol Weight:	1025.2 g/mol
Lot Number:	COA-2026-SC-00137	Analyzed:	07/10/2026		

§ 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	0.459507		≤ 5	PASS
Cd Cadmium	0.003493		≤ 2	PASS
As Arsenic	0.00433		≤ 15	PASS
Hg Mercury	0.230502		≤ 3	PASS
ELEMENTAL FINGERPRINT · Process / catalyst markers · informational				
Fe Iron	0.559011		report only	reported
Cu Copper	15.41131		report only	reported
Ni Nickel	1.018036		report only	reported

Class 1 heavy-metal screen: PASS · Analyzed 2026-07-03 · Bar = each result against its limit (tick) · colour = severity **green** safe → **amber** near limit → **red** over · STATUS: **PASS** (green) at or below the limit · **FAIL** (red) over it — an amber **WARNING** appears only when a warning range is set · Class-1 metals (Pb, Cd, As, Hg): FAIL limit = ICH Q3D Parenteral PDE (Cd 2.0 · Pb 5.0 · As 15.0 · Hg 3.0) · Fe, Cu, Ni are REPORTED for information only — no limit and no pass/fail · Units µg/g (≡ ppm) · LOQ 0.005–0.05 µg/g (Fe 1) · BDL = below detection limit

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