

MOTS-005

REPORTED June 25, 2026

CLIENT

NAME Peptide Test Canada
CONTACT PTC Operations
EMAIL info@peptidetestcanada.ca
ADDRESS Canada

SCAN TO VERIFY



PTC-YDCYVJMA

END CUSTOMER

NAME Viva Peptides
EMAIL
PHONE
ADDRESS

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	MOTS-005	Total Mass:	143.5 mg	CAS:	1627580-64-6
Compound:	MOTS-c	Appearance:	Lyophilized powder	Formula:	C₁₀₀H₁₅₂N₂₈O₂₂
Report No.:	COA-2026-SC-00080	Received:	06/24/2026	Mol Weight:	2174.5 g/mol
Lot Number:	COA-2026-SC-00080	Analyzed:	06/25/2026		

§ 02 Analytical Results

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

	SPECIFICATION	RESULT	STATUS
Compound Test:	MOTS-c	MOTS-c	PASS
Quantity:	10.00 mg	9.43 mg	
Purity:	≥ 98 %	98.33 %	

§ 03 LC-MS/MS Detail

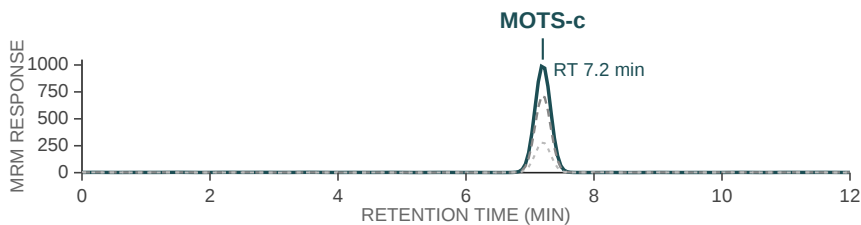
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+4H]⁴⁺

544.70 Da

Quantifier transition ● MRM

544.70 > 136.10 CE 25 V



ROLE	TRANSITION	CE
● Quantifier	544.7 > 136.1	25 V
■ Qualifier	544.7 > 110.1	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

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.

CERTIFICATE OF ANALYSIS

Endotoxin Test

Report No.:	QC-2026-080	Testing Lab:	Peptide Test Canada
Lot Number:	MOTS-c - 00080	Method (Path.):	
Test Date:	June 25, 2026	Method (Endo.):	USP <85> Kinetic Turbidimetric
Report Date:	June 25, 2026	Status:	ALL TESTS PASSED ✓

1. BPC-157

Lot Number:	MOTS-c - 00080	Appearance:	White lyophilized powder
-------------	----------------	-------------	--------------------------

Bacterial Endotoxin Testing (USP <85> — LAL Kinetic Turbidimetric)

Test / Organism	Acceptance Criteria	Result	Status
Bacterial Endotoxins (LAL)	< 1.0 EU/mg	< 0.10 EU/mg	PASS
Endotoxin Spike Recovery	50 – 200 %	99.7%	PASS
Reagent Blank	< 0.005 EU/mL	< 0.005 EU/mL	PASS

✓ENDOTOXIN TESTS PASSED — COMPLIANT WITH HEALTH CANADA SPECIFICATIONS

REPORTED July 17, 2026

CLIENT		END CUSTOMER	
VERIFY	Peptidetestcanada.ca/verify	NAME	Viva Peptides
EMAIL	Info@peptidetestcanada.ca	EMAIL	
		PHONE	
		ADDRESS	

§ 01 Sample Information		FOR RESEARCH PURPOSES ONLY	
Sample ID:	HM-MOTS-005	Total Mass:	143.5 mg
Compound:	MOTS-c	Appearance:	Lyophilized powder
Report No.:	COA-2026-SC-00080-HM	Received:	06/24/2026
Lot Number:	COA-2026-SC-00080	Analyzed:	07/17/2026
		CAS:	1627580-64-6
		Formula:	C ₁₀₀ H ₁₅₂ N ₂₈ O ₂₂
		Mol Weight:	2174.5 g/mol

§ 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	0.8		≤ 5	PASS
Cd Cadmium	0.008952		≤ 2	PASS
As Arsenic	0.01487		≤ 15	PASS
Hg Mercury	0.46		≤ 3	PASS
ELEMENTAL FINGERPRINT · Process / catalyst markers · informational				
Fe Iron	0.9		report only	reported
Cu Copper	1.4		report only	reported
Ni Nickel	1.2		report only	reported
Class 1 heavy-metal screen: PASS · QC 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				

DISCLAIMER · RESEARCH USE ONLY
Results relate **only to the sample as received** and the tests performed — not to any other unit, lot, or batch. **For research use only:** not a certificate of quality, safety, efficacy, or regulatory compliance, and not for human or veterinary administration, clinical or diagnostic use, or label claims. SideChain Analytics does not manufacture, source, or sell the material and makes **no warranty, express or implied**; its liability shall not exceed the testing fee. This report may not be reproduced except in full.