

MOTS-006

REPORTED June 28, 2026

CLIENT

NAME Peptide Test Canada
CONTACT PTC Operations
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ADDRESS Canada

SCAN TO VERIFY



PTC-EWFG8B7D

END CUSTOMER

NAME Quantum Peptides
EMAIL —
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ADDRESS —

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	MOTS-006	Total Mass:	63.3 mg	CAS:	1627580-64-6
Compound:	MOTS-c	Appearance:	Lyophilized powder	Formula:	C₁₀₀H₁₅₂N₂₈O₂₂
Report No.:	COA-2026-SC-00102	Received:	06/24/2026	Mol Weight:	2174.5 g/mol
Lot Number:	COA-2026-SC-00102	Analyzed:	06/28/2026		

§ 02 Analytical Results

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

	SPECIFICATION	NET PEPTIDE PURITY	STATUS
Compound Test:	MOTS-c	MOTS-c	PASS
Quantity:	20.00 mg	19.19 mg	
Purity:	≥ 98 %	98.94 %	

§ 03 LC-MS/MS Detail

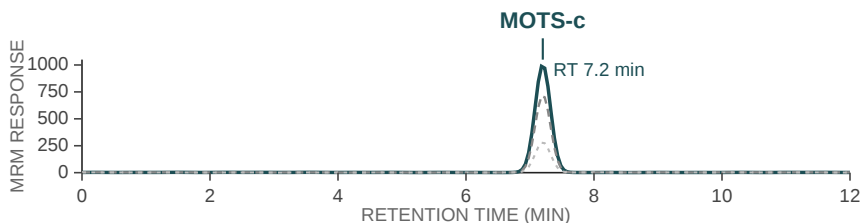
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

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

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