

MT2-002

REPORTED June 28, 2026

CLIENT

NAME Peptide Test Canada
CONTACT PTC Operations
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ADDRESS Canada

SCAN TO VERIFY



PTC-49MTL5ZN

END CUSTOMER

NAME Quantum Peptides
EMAIL —
PHONE —
ADDRESS —

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	MT2-002	Total Mass:	61.5 mg	CAS:	121062-08-6
Compound:	Melanotan II	Appearance:	Lyophilized powder	Formula:	C₅₀H₆₉N₁₅O₉
Report No.:	COA-2026-SC-00108	Received:	06/24/2026	Mol Weight:	1024.2 g/mol
Lot Number:	COA-2026-SC-00108	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:	Melanotan II	Melanotan II	PASS
Quantity:	10.00 mg	9.86 mg	
Purity:	≥ 98 %	98.64 %	

§ 03 LC-MS/MS Detail

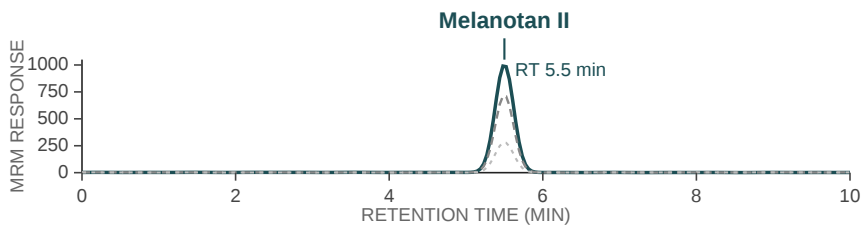
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+2H]²⁺

513.10 Da

Quantifier transition ● MRM

513.10 > 134.10 CE 20 V



ROLE	TRANSITION	CE
● Quantifier	513.1 > 134.1	20 V
■ Qualifier	513.1 > 70.1	25 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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